



# **VRC101A**

## **Voltage Regulator Tester Manual**

**TRANSP**  
**ELECTRONICS**

**A WAI Company**

ISO9001/QS9000/ISO14001 Certified

7399204  
10/22/04

# VRC101A

## Voltage Regulator Tester



INPUT POWER:115 VAC @ ONE AMP (FUSED)

### FEATURES:

- \* 12, 24 and 32 VDC test voltages at 0.5 & 3 amperes field current (6 and 8 VDC test voltages are optional).
- \* Digital meter with  $\pm 0.1$  volt resolution for setting and checking regulation voltage.
- \* Field Current lamp to indicate regulator switching frequency.
- \* "A" and "B" circuit switch to accommodate the two designs of regulators.
- \* A test fixture that interconnects with VRC101A for Testing Delco 10SI, 12SI, 15SI, 20SI, 27SI, and 30SI regulators.
- \* An adapter for testing D590 series Delco regulators.
- \* A short circuit lamp to indicate when the tester sees an overload short circuit.
- \* Stator output for testing the Transpo Challenger series of regulators, the CS Delco series and other regulators with stator turn-on.
- \* Warning light circuit to simulate "Indicator Light" on vehicle.

## OPERATING INSTRUCTIONS FOR VRC101A

1. Set the field current switch to 0.5A for checking or setting the regulation voltage. Set the field current switch to 3A for burn-in.
2. Set the "FIELD" switch to "A" or "B" according to the tester information given on the tester instructions.

"A" Circuit - The "A" circuit regulator design has one alternator field lead connected to battery (or trio) and the other end of the field is controlled or switched to ground by the regulator.

"B" Circuit - The "B" circuit regulator design has one alternator field lead connected to ground and the other field is controlled or switched to the battery (or trio) by the regulator.

3. Connect test leads according to tester instructions for the regulator being tested and follow all information given by notes and additional tests when applicable.
4. Select the "Voltage Range" (12v, 24V, and 32V) for the regulator being tested and turn the power switch to the "ON" position.
5. If the short circuit light comes on, quickly turn the tester "OFF". The short circuit light indicates that battery positive is being shorted to battery negative. However, when testing some vibrator contact regulators such as Ford GRB-5440 or Delco 1119519, the short circuit light will come on which is alright if the field light blinks. However, do not test the vibrator contact regulators longer than two minutes. Should the tester fail due to overload, check the fuse. The Transpo VRC101A is not to be used to check D.C. generator regulators. The tester is designed to be used to test alternator regulators only.

### TEST RESULTS "GOOD REGULATOR"

The regulator is operating correctly if the field light blinks and the digital meter displays approximately the set point voltage given on the appropriate tester instructions. Sometimes it may be necessary to adjust the voltage setting on those regulators that are adjustable. See the tester instructions for the regulator being tested.

### TEST RESULTS "BAD REGULATOR"

Full Field - The digital meter will indicate approximately 16.5V for a 12V regulator, 29.5V for a 24V regulator and 42V for a 32V regulator. The field light will not blink but will remain "ON". A regulator with this type of defect will not be able to control the output voltage of the alternator.

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TRANSCO 911 SERIES .....	911
TRANSCO REPAIR CIRCUITS.....	TRI
VALEO/MOTOROLA .....	M

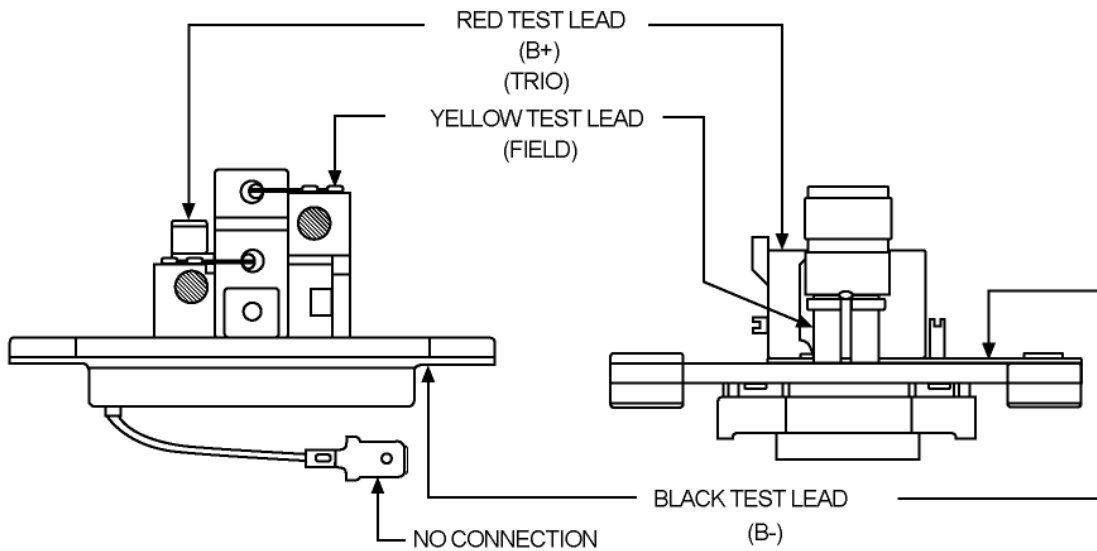
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# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB370	A	12	14.7	IB373	A	12	14.7
IB370A	A	12	14.2	IB370HR	A	12	14.3
IB371	A	12	14.2				
IB372	A	12	14.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



-IB370A  
-IB371  
-IB371X  
-IB372  
-IB373  
-IB370Y

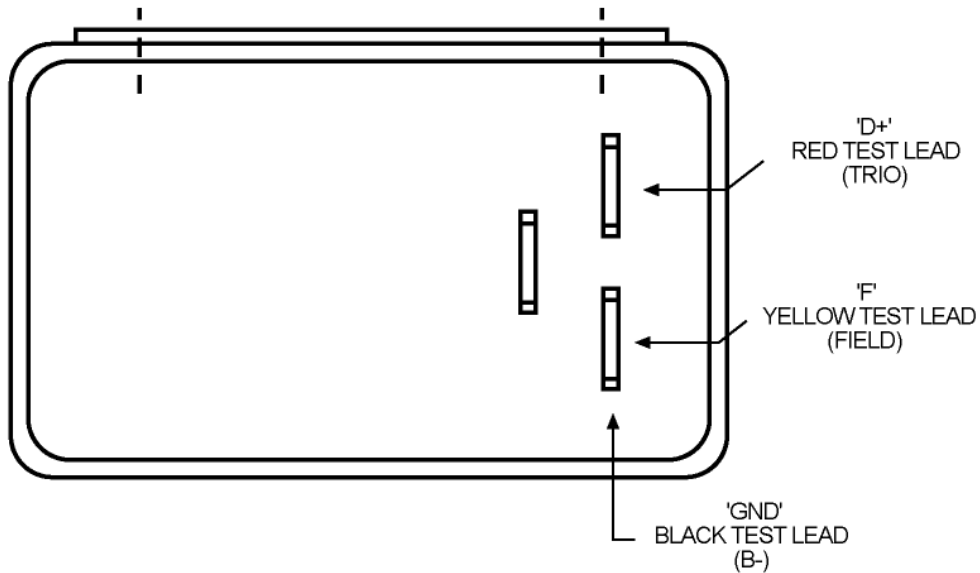
-IB370  
-O.E. BOSCH

# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB301	B	12	14.2				
IB302	B	24	27.5				
IB302A	B	24	27.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

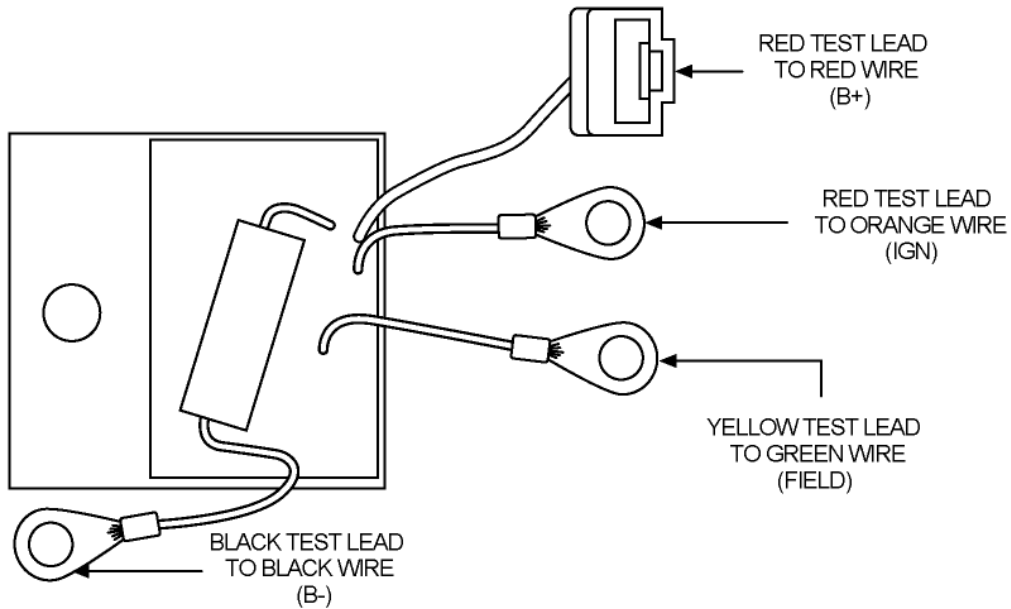


# TRANSCO TESTER INSTRUCTIONS

for           BOSCH           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB8315</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB392</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>IB391</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

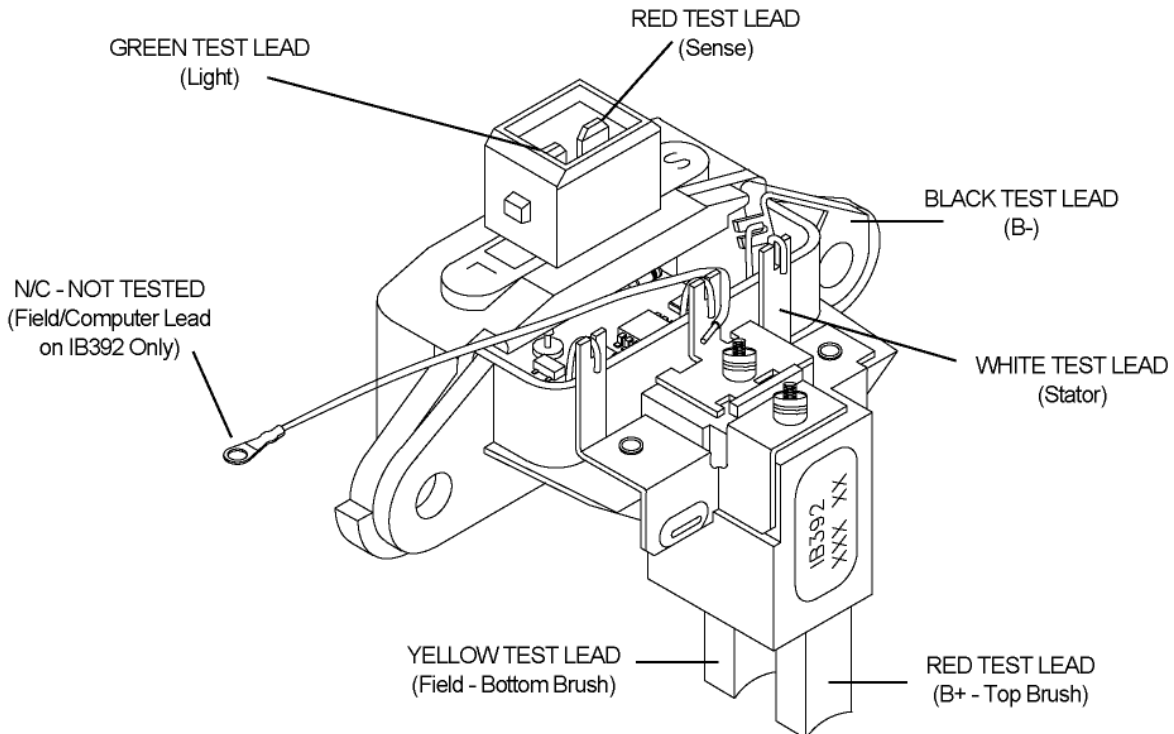
**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "STA". Field lamp remain fully on and the meter will indicate approximately 12V. Reconnect the white test lead. Remove red test lead from the terminal marked "S", field lamp will turn off, the indicator light will turn on and the meter will indicate 12V.

NOTE: Connect B- (black) test lead last, already having turned on the tester "ON" switch.

- 20 ampere 60 volt field transistor voltage saturation test @ 5 amps  
13.50 volts = 150 to 250 milli-volts
- Undervoltage Lamp Indication = 8.50 volts to 10.00 volts
- Overvoltage Lamp Indication = 16.00 volts to 17.10 volts
- Current Leakage = 2.0 milli-amps



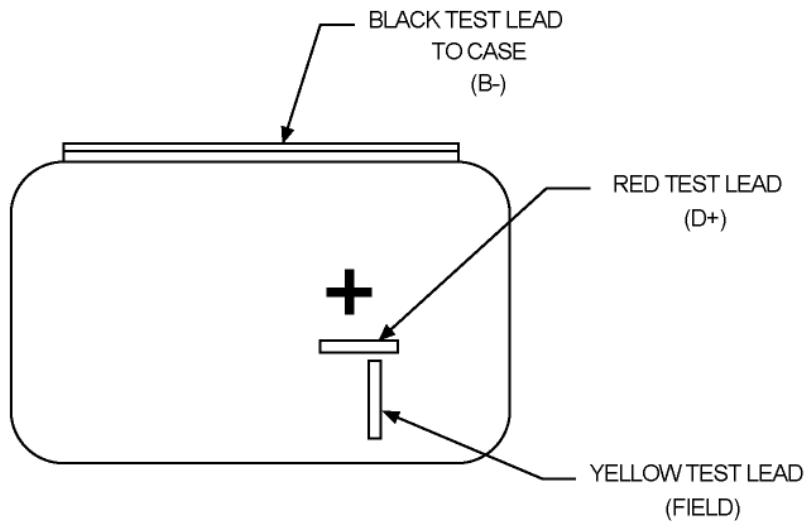


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB303</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				
<b>IB303A</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

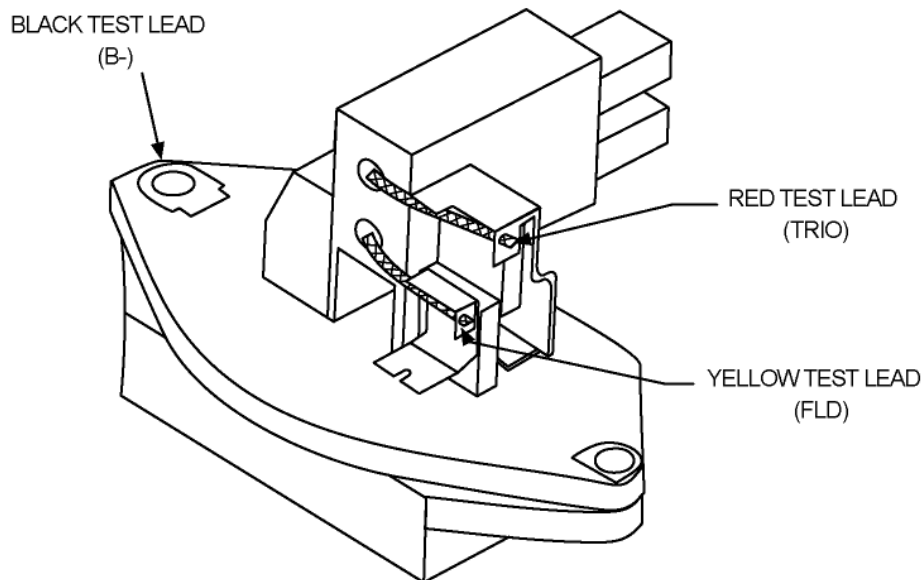


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB375	A	12	14.4	IB379	A	24	28.1
IB376	A	24	27.5	IB374	A	24	27.5
IB377	A	12	14.4				
IB378	A	12	14.4				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

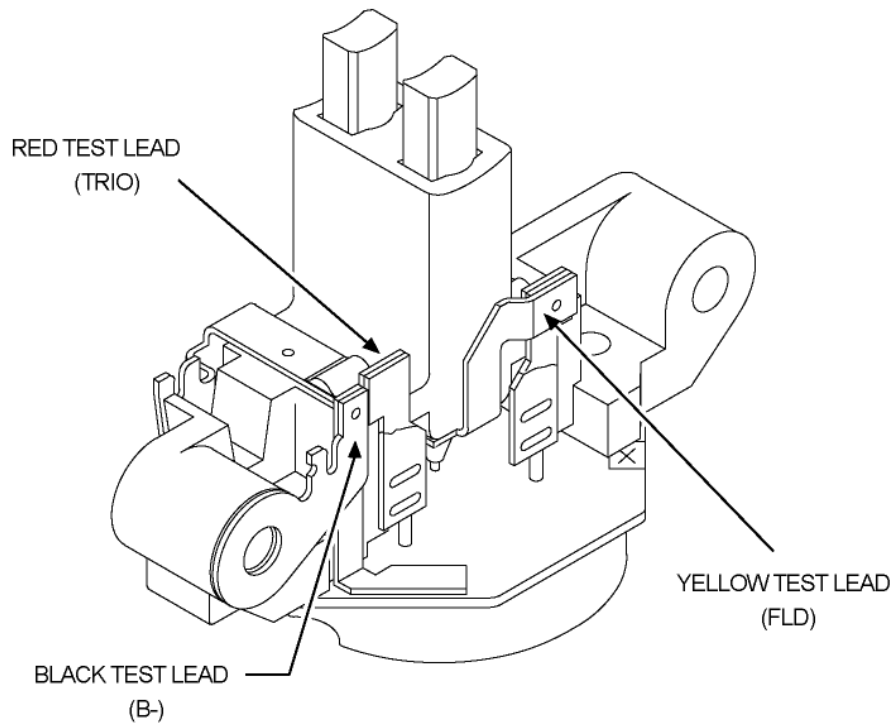


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB380	A	12	14.4	IB387	A	12	14.5
IB383	A	12	14.4				
IB384	A	12	14.4				
IB385	A	12	14.5				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

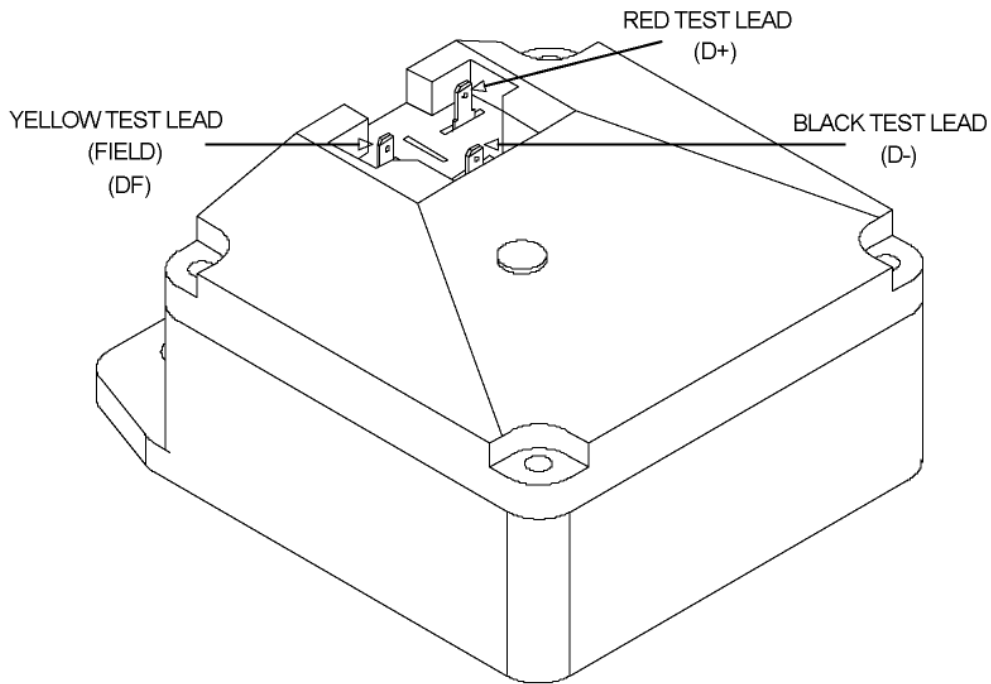


# TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB033A</b>	<b>B</b>	<b>24</b>	<b>28.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



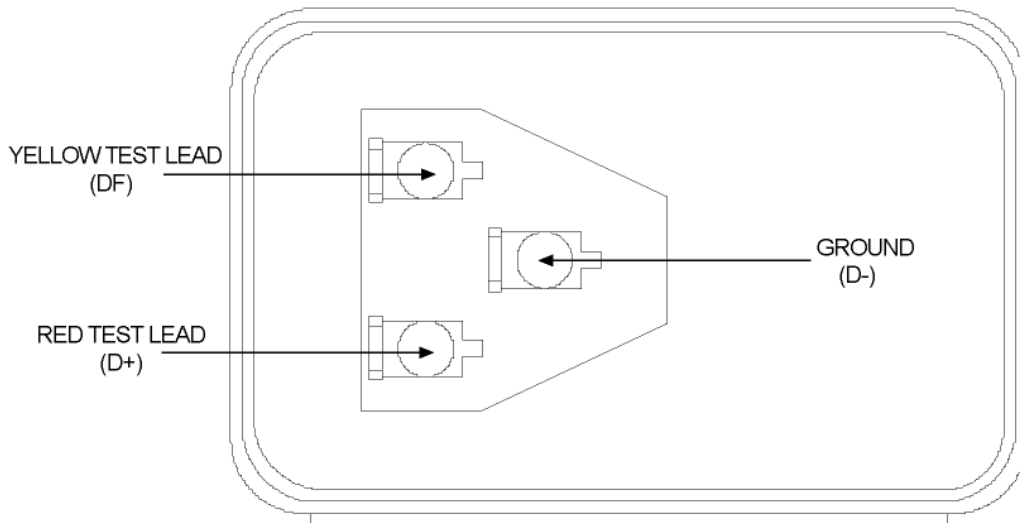
# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB305</b>	<b>B</b>	<b>12</b>	<b>14.8</b>				
<b>IB306</b>	<b>B</b>	<b>12</b>	<b>14.8</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: IB306 Superseded by IB305.

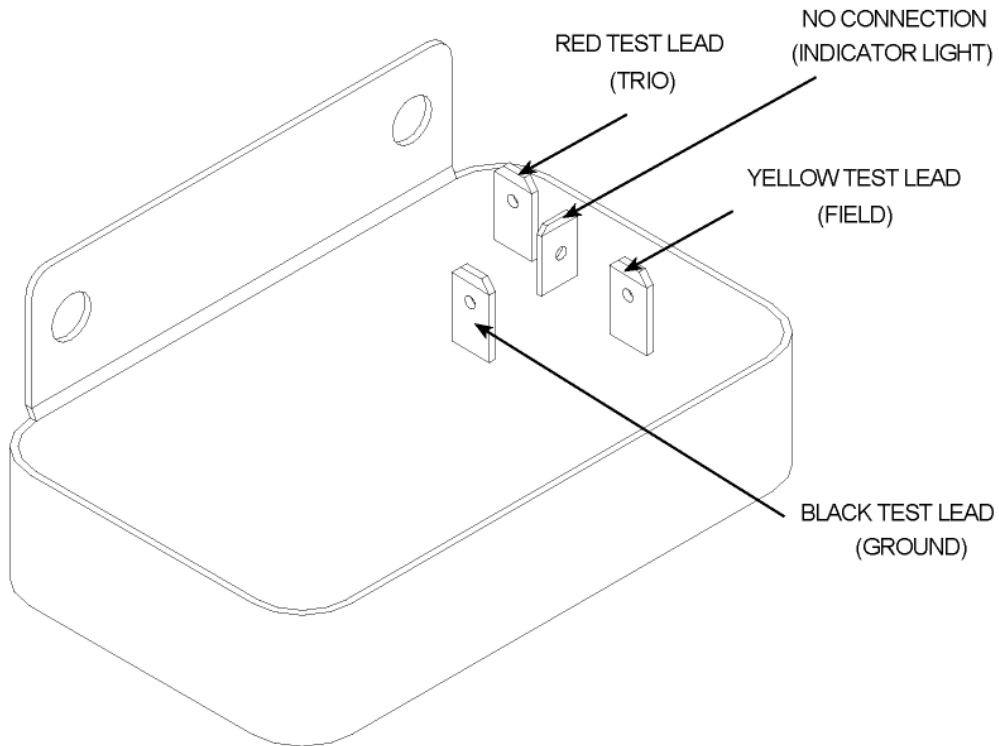


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB308</b>	<b>B</b>	<b>24</b>	<b>28.0</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

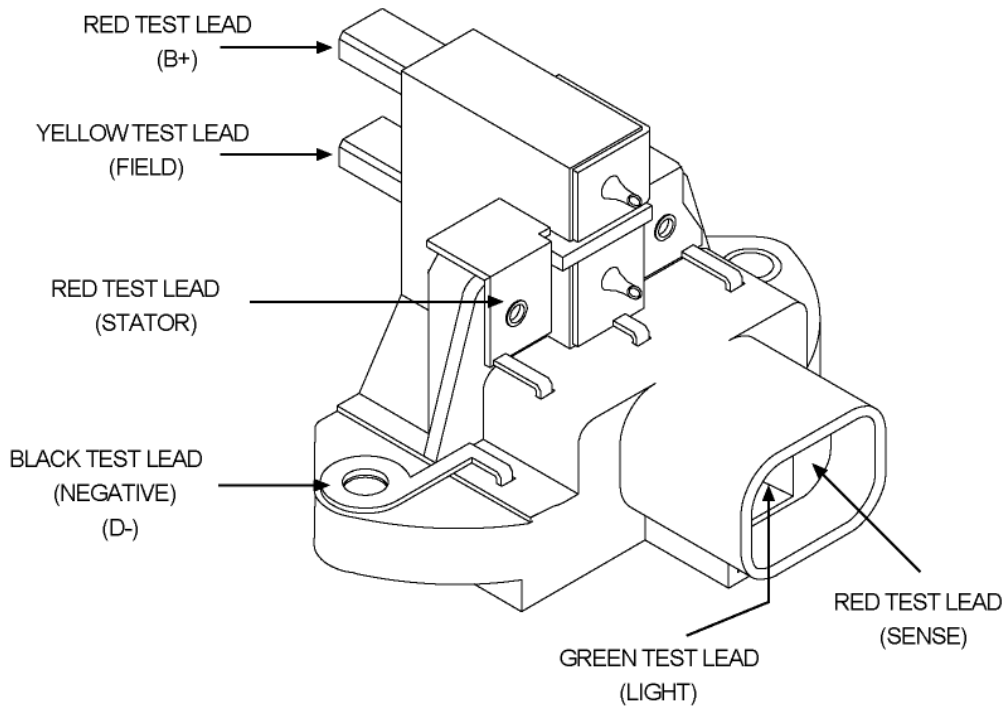


# TRANSCO TESTER INSTRUCTIONS

for           BOSCH           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB343	A	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "STA"; meter will indicate set point and lamp light will come on. Reconnect the white test lead. Remove red test lead from the terminal marked "SENSE", the meter will indicate 12V, field lamp will stay on and lamp light will come on. Remove green test lead; field and lamp light will turn off.

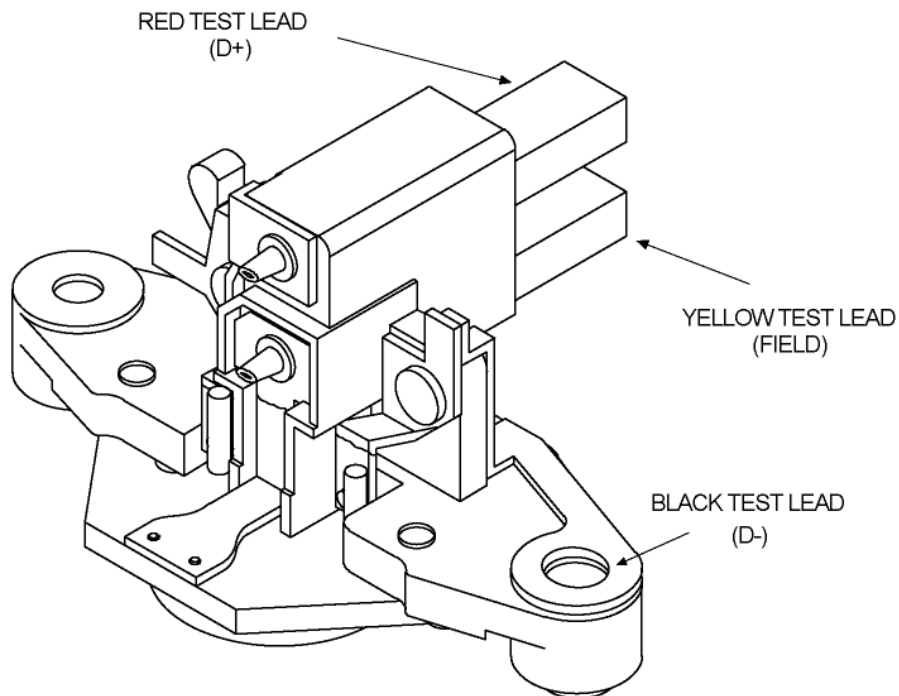


# TRANSCO TESTER INSTRUCTIONS

for BOSCH type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IB348	A	12	15.0	IB353	A	12	14.5
IB350	A	12	14.1	IB354	A	12	14.1
IB351	A	12	14.5	IB355	A	12	14.5
IB352	A	12	14.1	IB356	A	12	14.8

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**



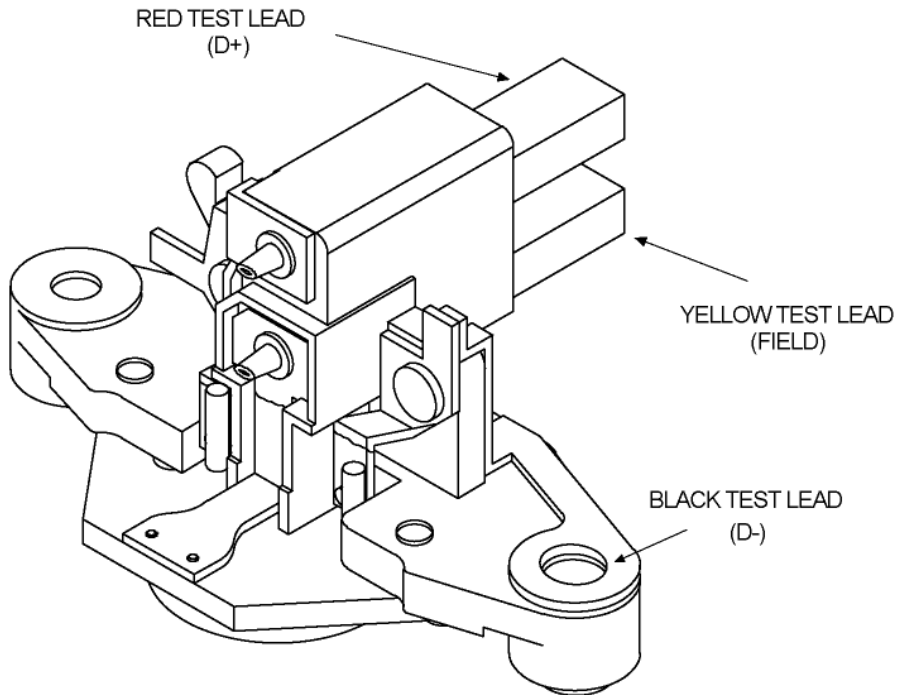


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB370</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IB370A</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

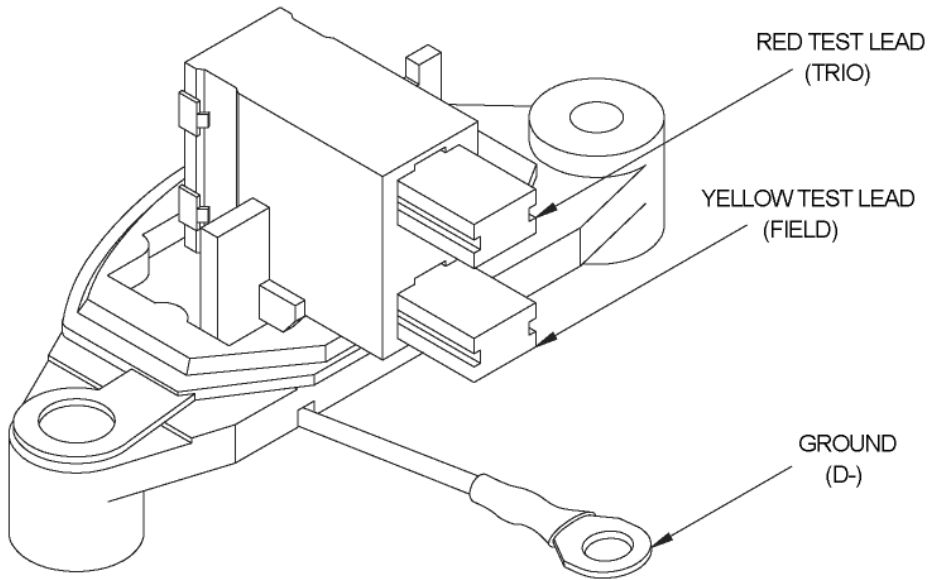


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB365</b>	<b>A</b>	<b>24</b>	<b>28.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

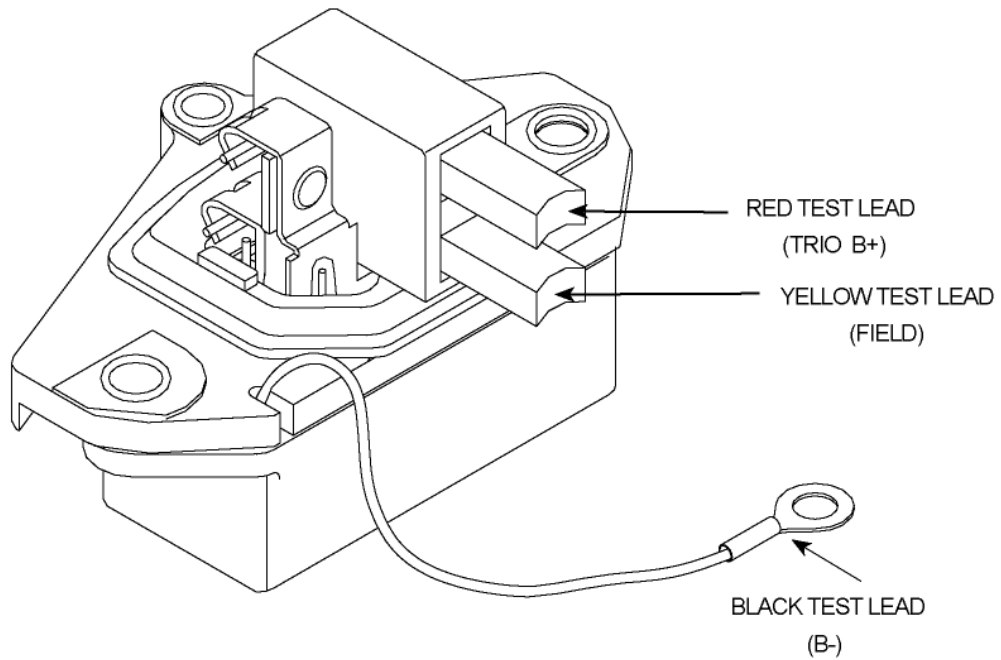


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB386</b>	<b>A</b>	<b>28</b>	<b>28</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

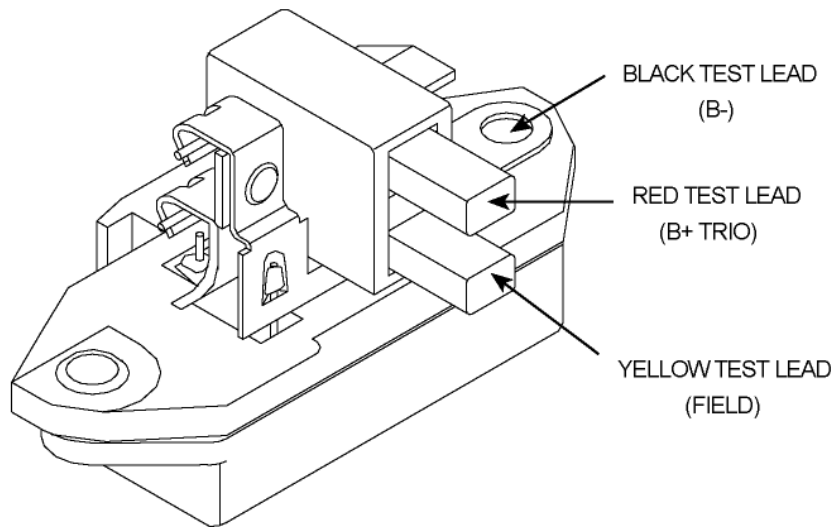


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB398</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

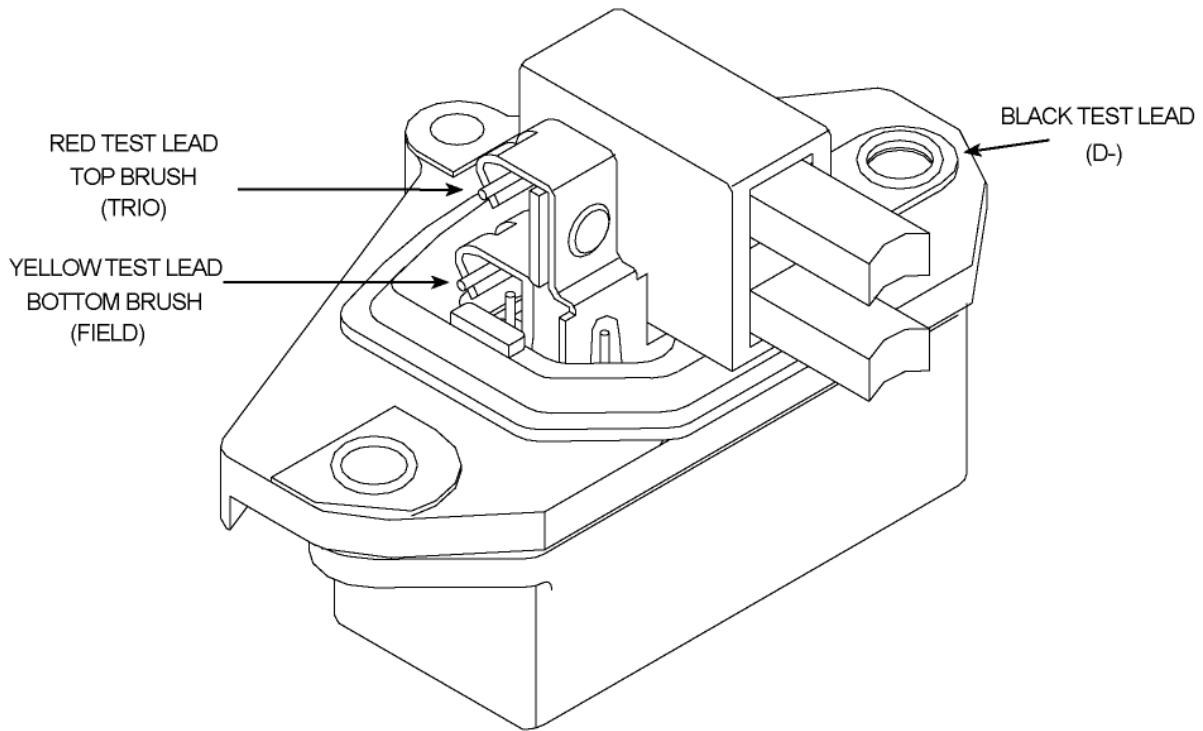


# TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB382</b>	<b>A</b>	<b>24</b>	<b>28.8</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

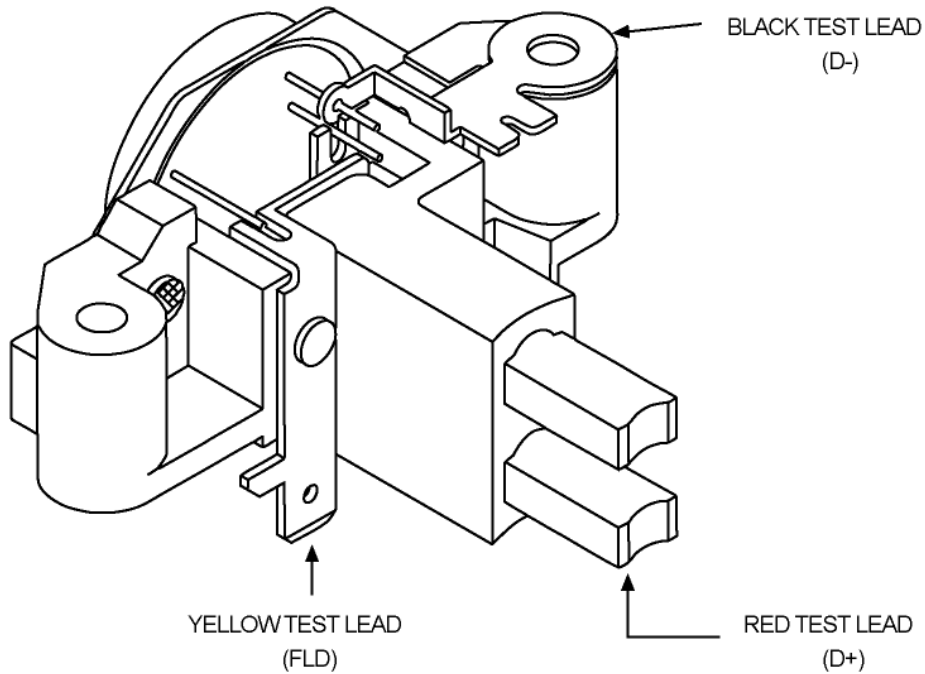


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB511</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

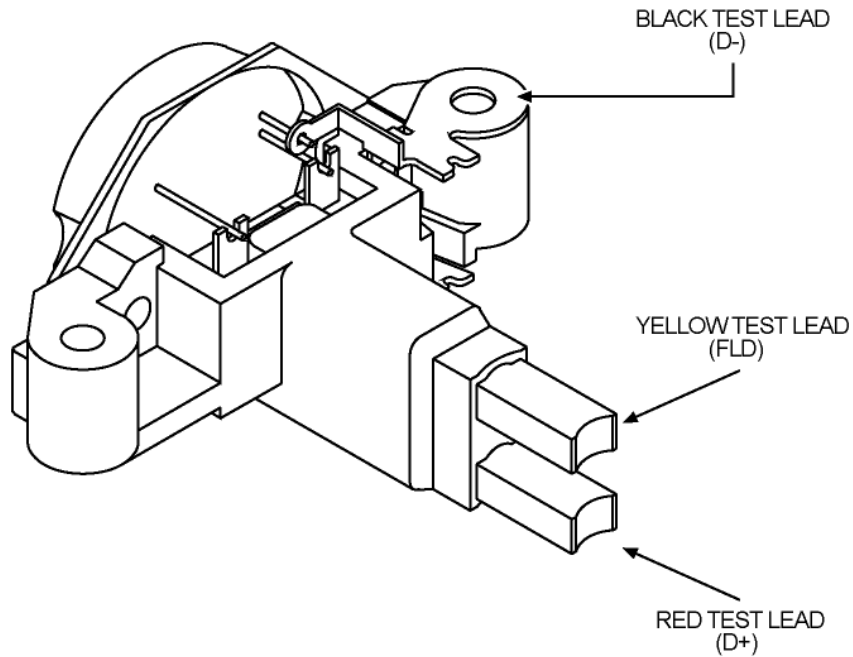


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB512</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

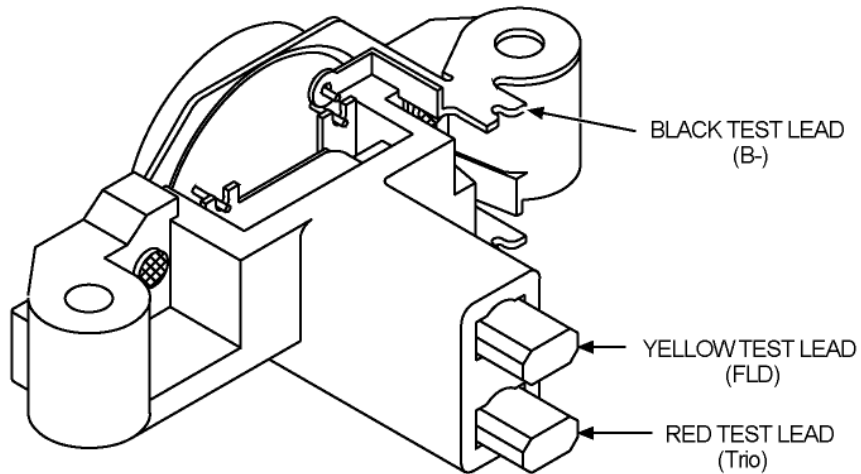


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB388</b>	<b>A</b>	<b>12</b>	<b>14.0</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



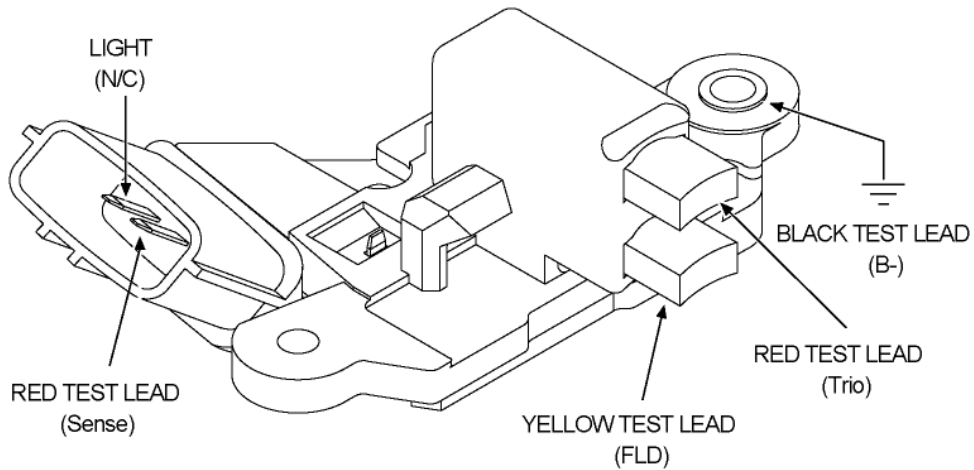


# TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB501</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

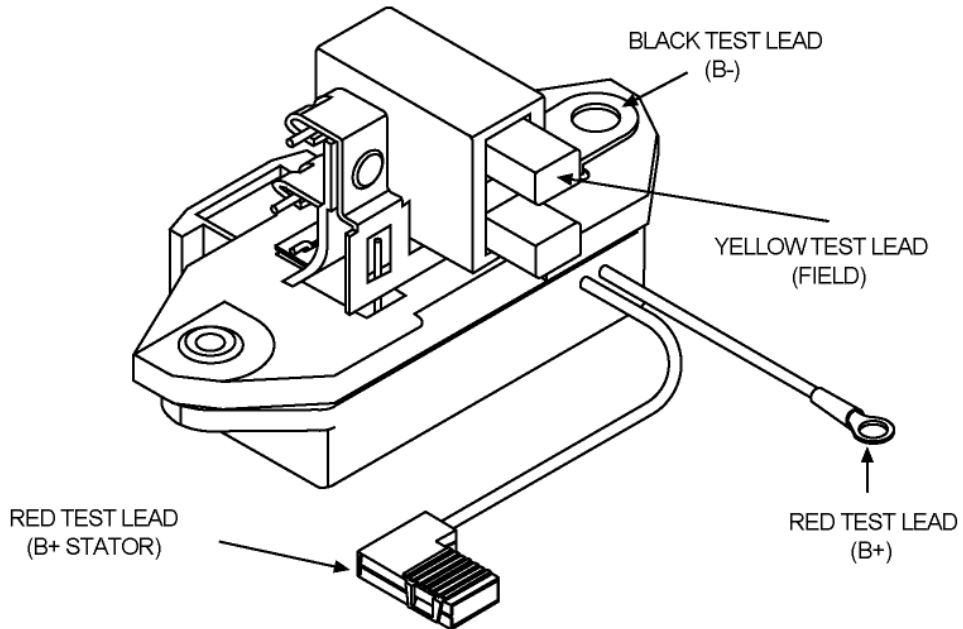


# TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB399</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

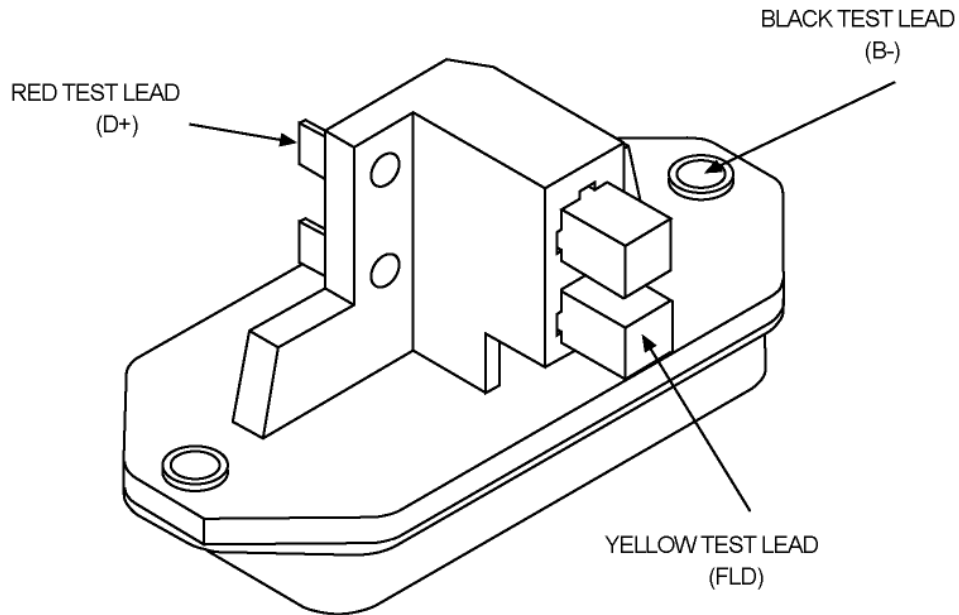


# TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB400</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

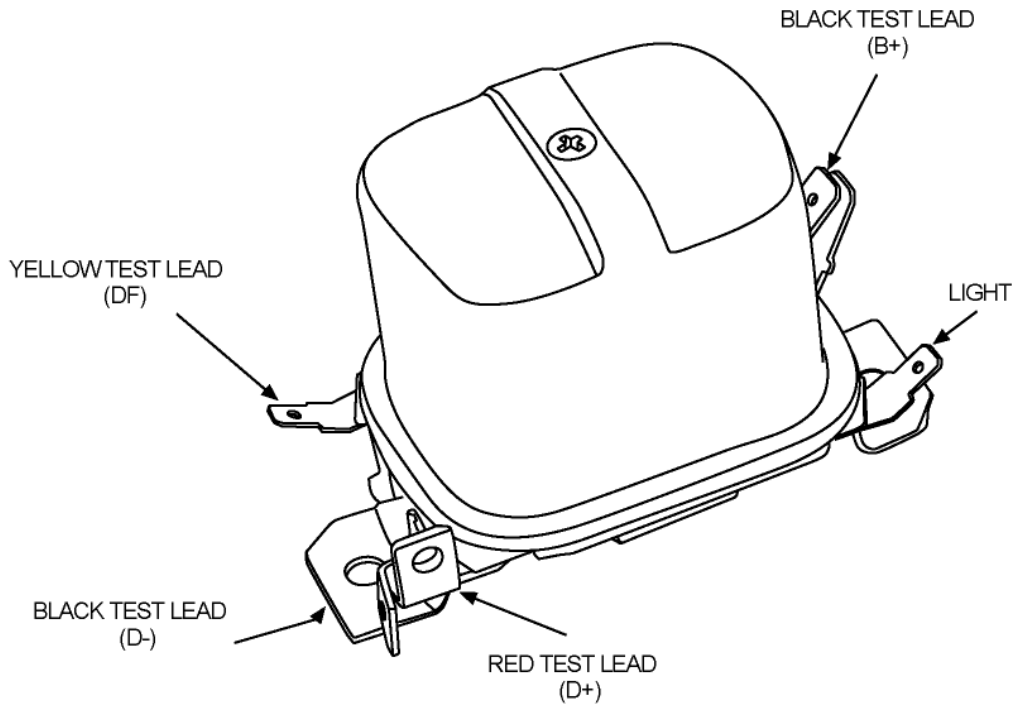


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB390</b>	<b>A</b>	<b>A</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

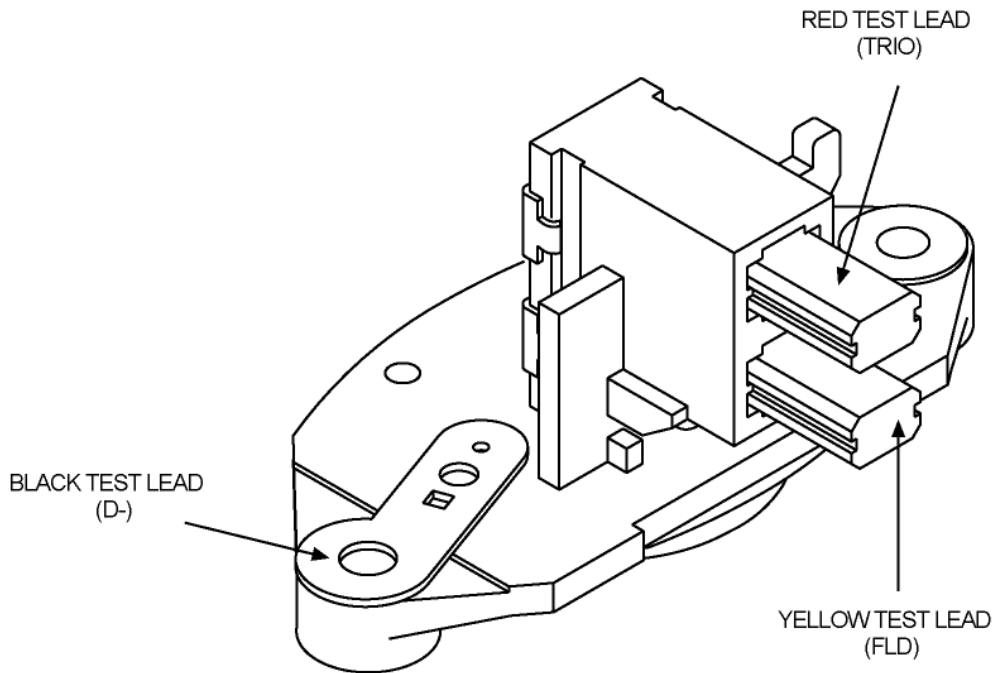


# TRANSPO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB360</b>	<b>A</b>	<b>12</b>	<b>14.1</b>	<b>IB364</b>	<b>A</b>	<b>24</b>	<b>29.0</b>
<b>IB368</b>	<b>A</b>	<b>12</b>	<b>14.1</b>	<b>IB369</b>	<b>A</b>	<b>24</b>	<b>28.0</b>
<b>IB362</b>	<b>A</b>	<b>24</b>	<b>28.00</b>	<b>IB366-1</b>	<b>A</b>	<b>24</b>	<b>28.5</b>
<b>IB363</b>	<b>A</b>	<b>24</b>	<b>28.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

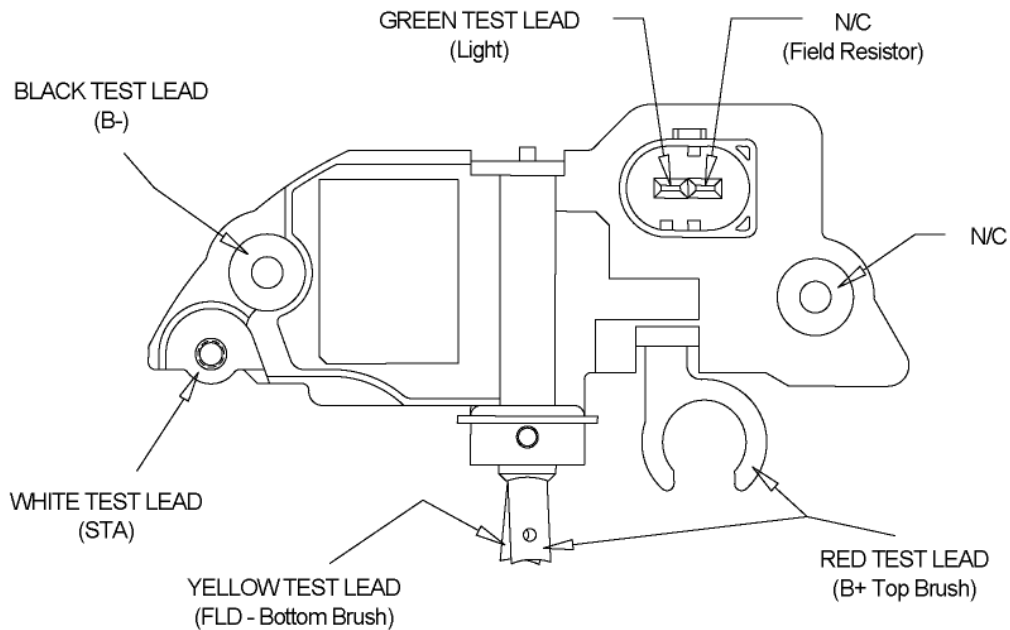


# TRANSCO TESTER INSTRUCTIONS

for       BOSCH       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB225</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator" field light and lamp will come on and voltage will show 12 volts. Remove green test lead from "light" terminal , field light will go out and voltage stays at 12 volts.

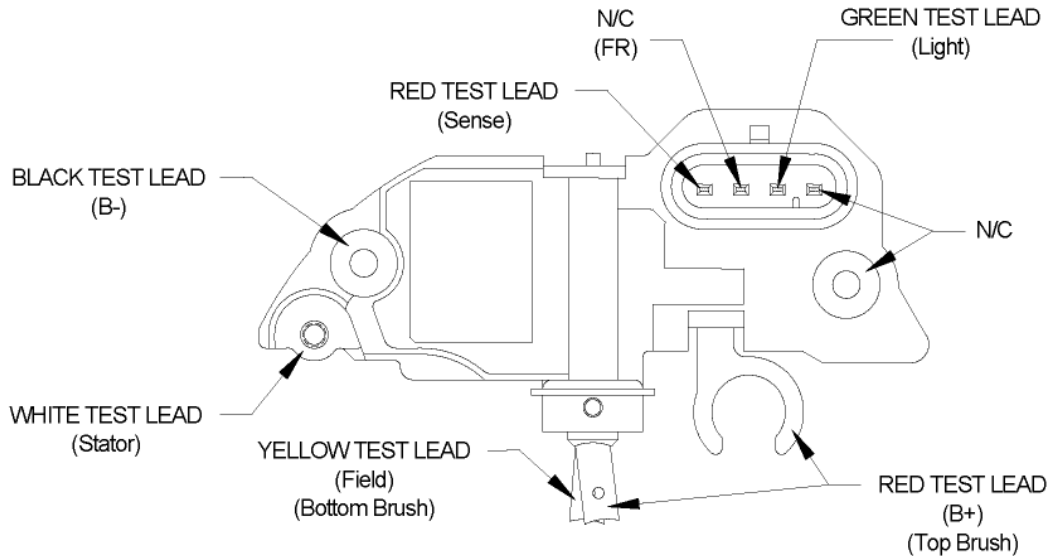


# TRANSCO TESTER INSTRUCTIONS

for           BOSCH           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB241</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
- 3. ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator" volts will drop to 12 volts; field light and lamp light will come on. Remove green test lead from terminal marked "light", field and lamp light will go out and voltage remains at 12 volts.



# TRANSCO TESTER INSTRUCTIONS

for           BOSCH           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IB392BG</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

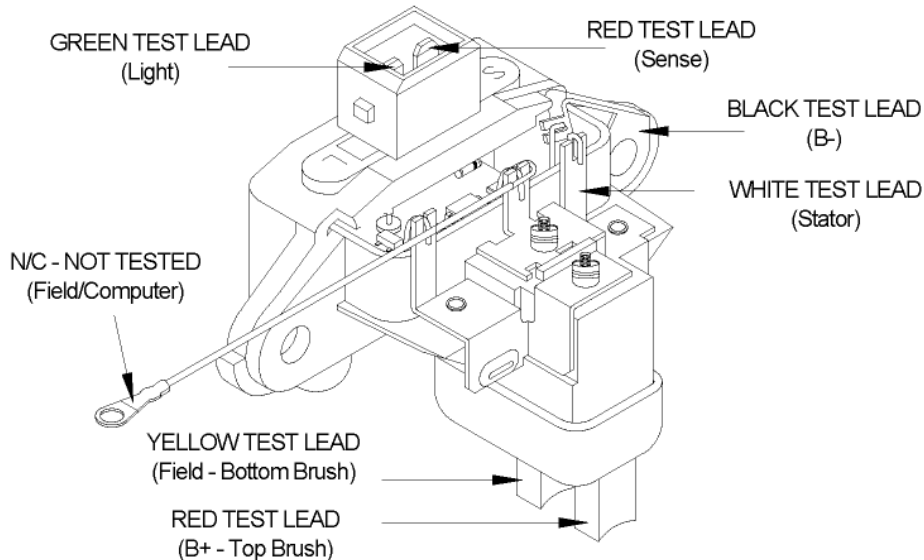
**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "STA". Field lamp remain fully on and the meter will indicate approximately 12V. Reconnect the white test lead. Remove red test lead from the terminal marked "S", field lamp will turn off, the indicator light will turn on and the meter will indicate 12V.

NOTE: Connect B- (black) test lead last, already having turned on the tester "ON" switch.

- 20 ampere 60 volt field transistor voltage saturation test @ 5 amps  
13.50 volts = 150 to 250 milli-volts
- Undervoltage Lamp Indication = 8.50 volts to 10.00 volts
- Overvoltage Lamp Indication = 16.00 volts to 17.10 volts
- Current Leakage = 2.0 milli-amps



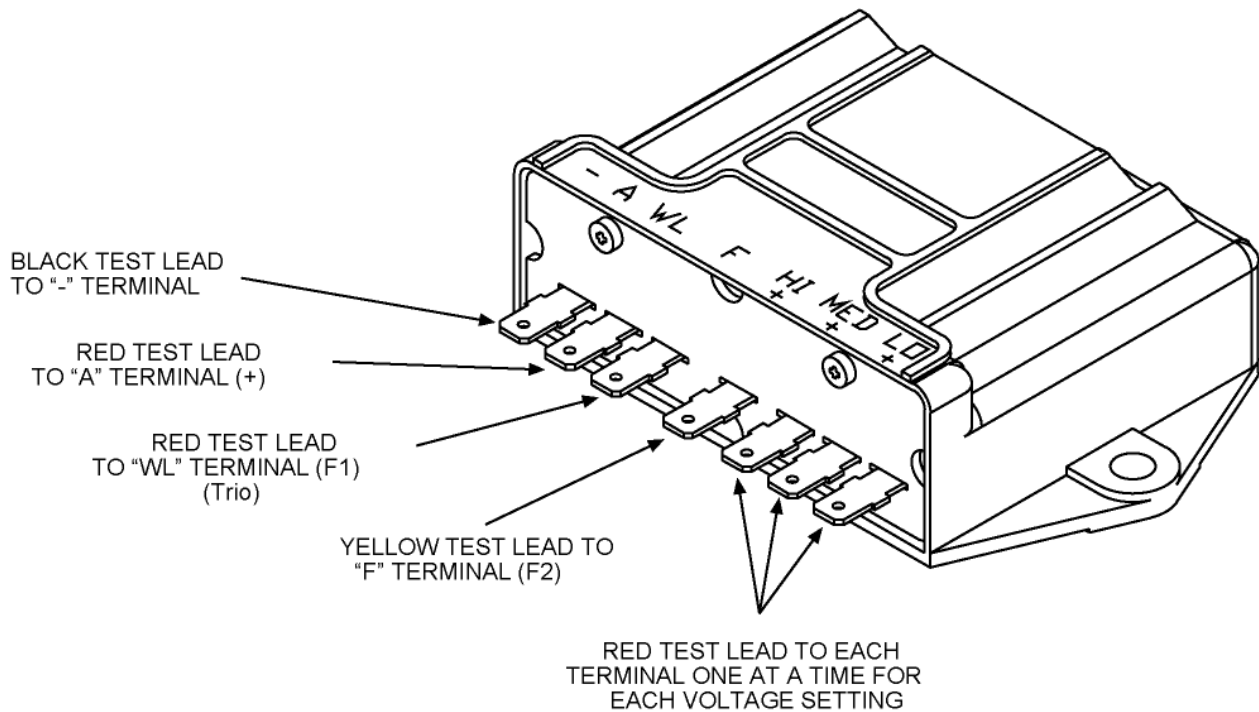


# TRANSPO TESTER INSTRUCTIONS

for           C.A.V.           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
CE520	A	24	HI 28.8				
CE520	A	24	MID 27.8				
CE520	A	24	LO 26.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

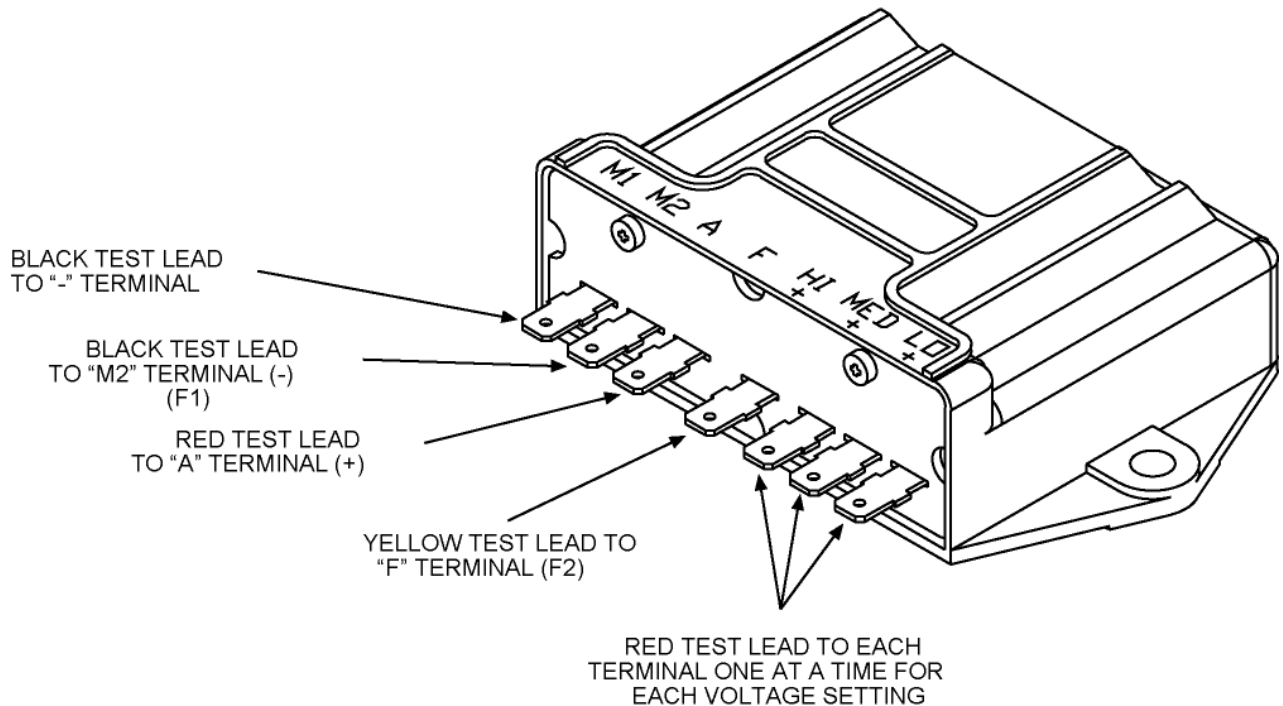


# TRANSPO TESTER INSTRUCTIONS

for           C.A.V.           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
CE533	A	24	HI 28.8				
CE533	A	24	MID 27.8				
CE533	A	24	LO 26.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

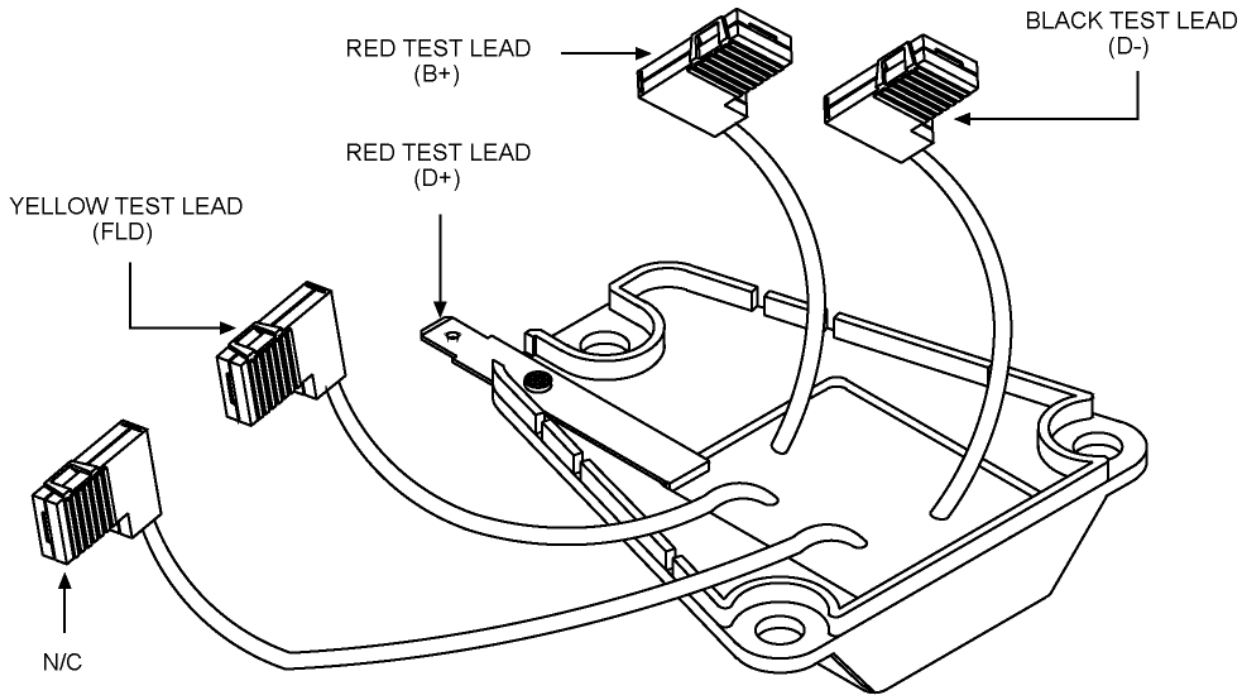


# TRANSPO TESTER INSTRUCTIONS

for           C.A.V.           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>CE301</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



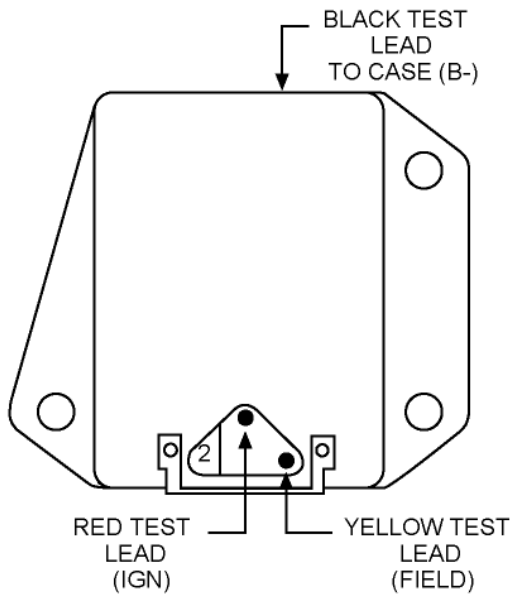
Black .....D-  
 Green .....DF  
 Yellow .....D+  
 Red .....B+

# TRANSCO TESTER INSTRUCTIONS

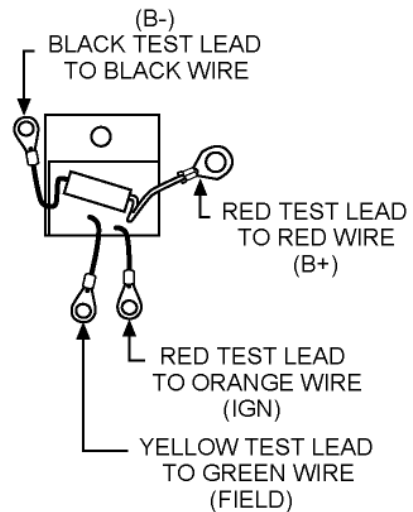
for CHRYSLER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
C8312	A	12	14.3	C8315	A	12	14.2
C8312C	A	12	14.3				
C8312HD	A	12	14.2				
C8313	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** N/A



C8312 STYLE



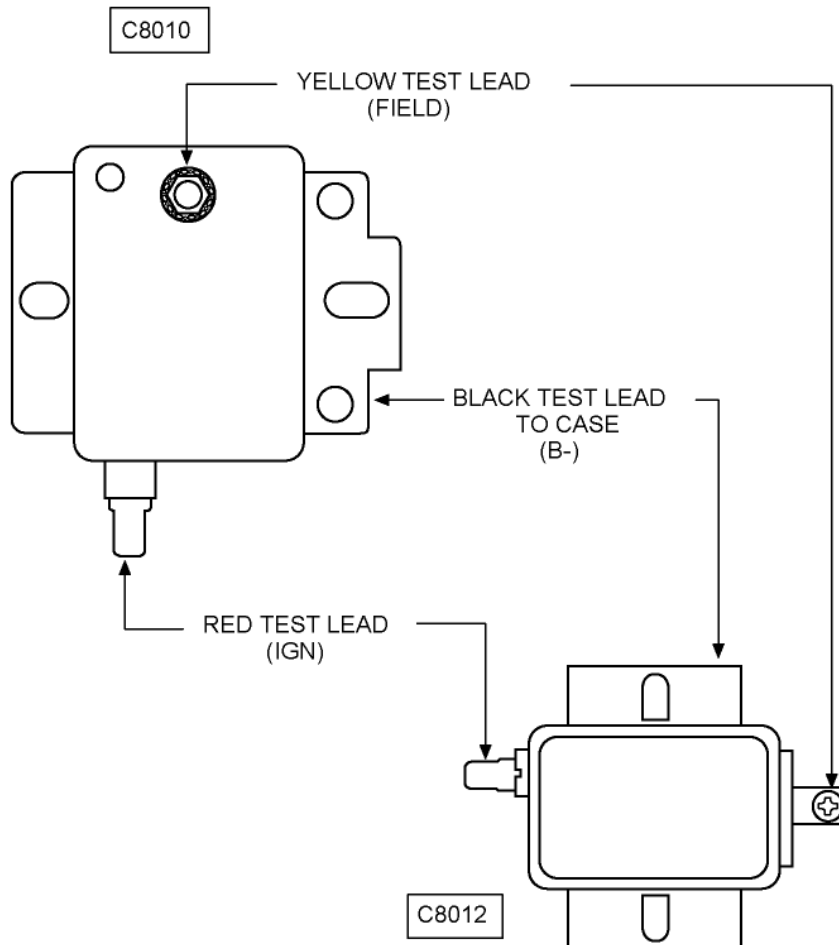
C8315

# TRANSPO TESTER INSTRUCTIONS

for CHRYSLER type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>C8010</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				
<b>C8012</b>	<b>B</b>	<b>12</b>	<b>14.0</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** N/A

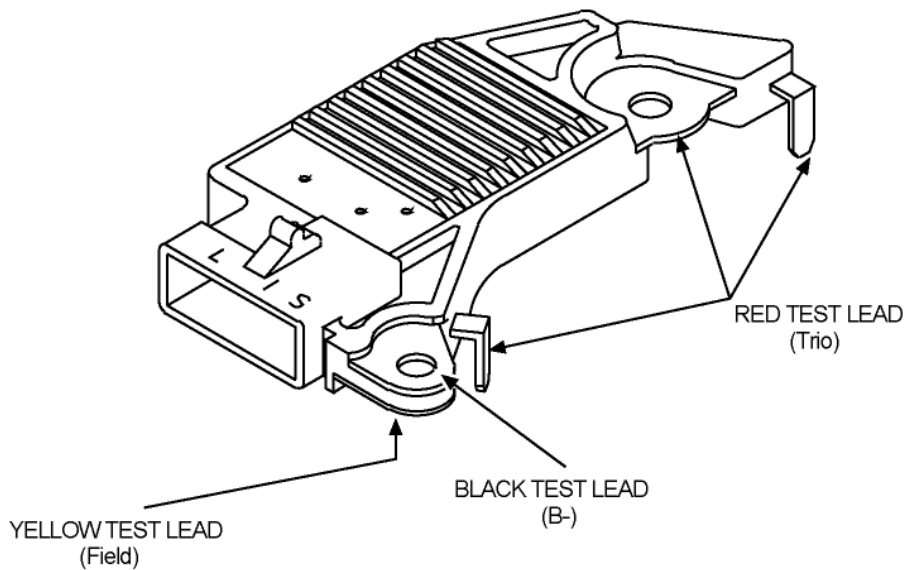


# TRANSPO TESTER INSTRUCTIONS

for           DAEWOO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D403</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



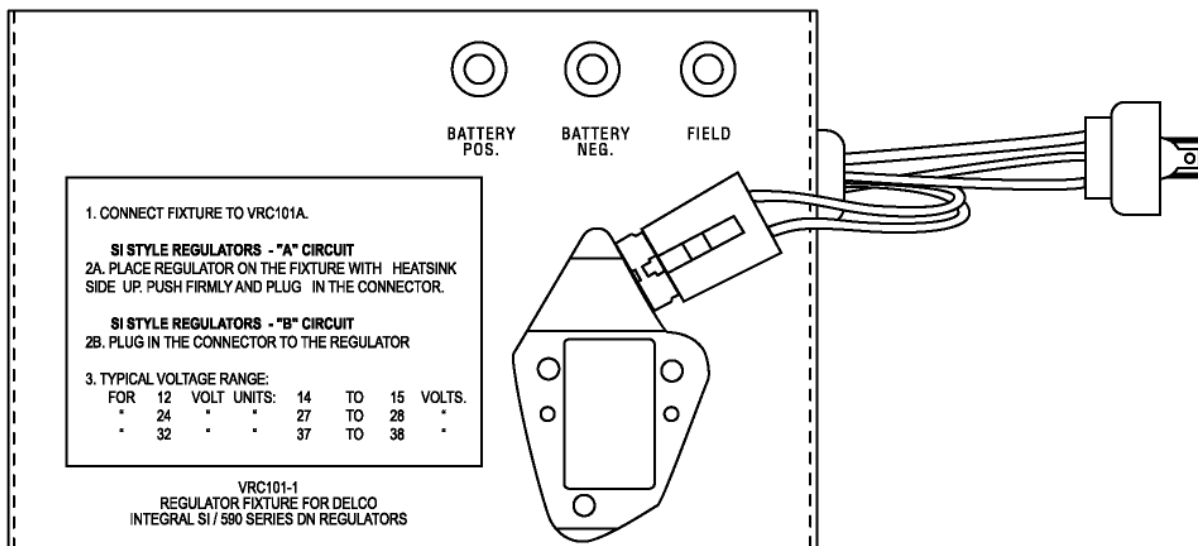
# TRANPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D10	A	12	14.8	D21	A	12	14.0
D10SE8	A	8	9.6	DE610	A	12	14.7
D10SE24	A	24	27.5	D30	A	24	27.5
DE608	A	12	14.7	D104D	A	24	27.5

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE : Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volts ranges.



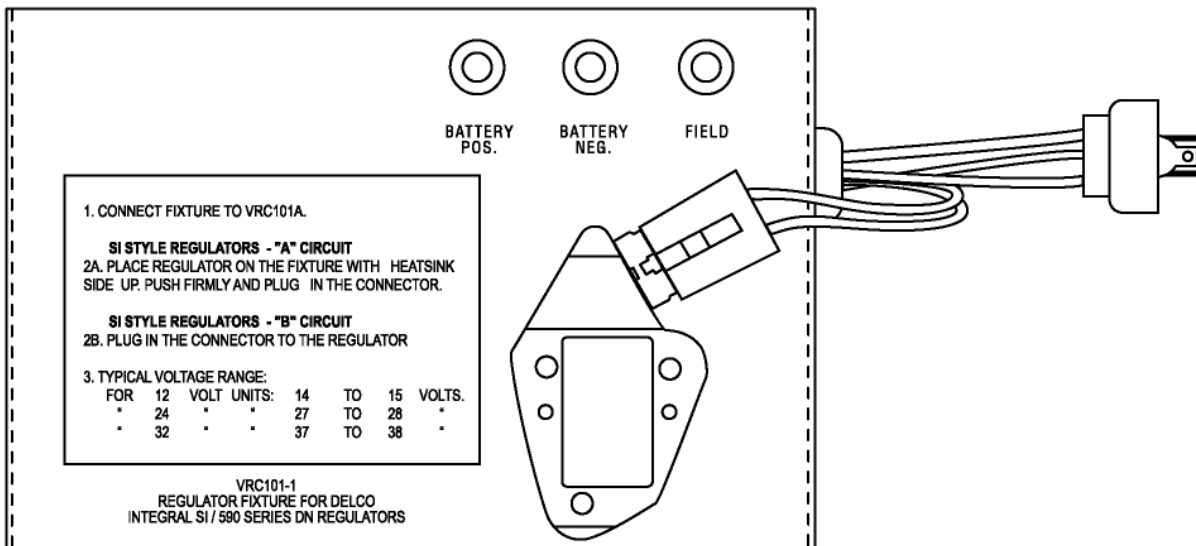
# TRANPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D32S</b>	<b>A</b>	<b>32</b>	<b>37.5</b>	<b>D105HD</b>	<b>A</b>	<b>12</b>	<b>14.8</b>
<b>D10SE6</b>	<b>A</b>	<b>6</b>	<b>7.7</b>	<b>D10SE12</b>	<b>A</b>	<b>12</b>	<b>14.8</b>
<b>D105</b>	<b>A</b>	<b>12</b>	<b>14.8</b>	<b>D101</b>	<b>A</b>	<b>12</b>	<b>14.8</b>
<b>D105D</b>	<b>A</b>	<b>12</b>	<b>14.8</b>	<b>D101D</b>	<b>A</b>	<b>12</b>	<b>14.8</b>

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volts ranges.





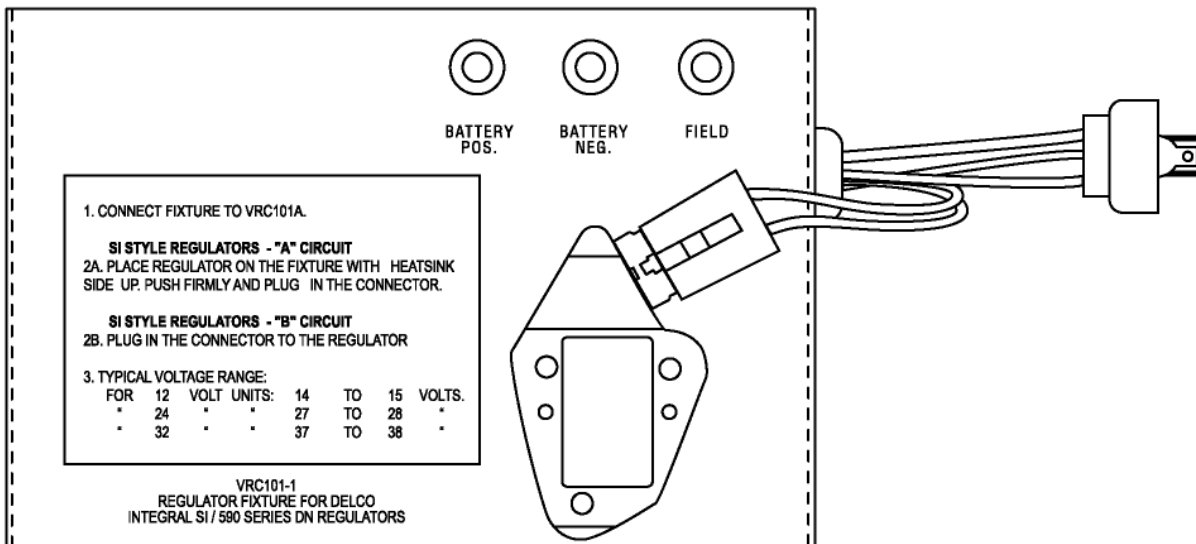
# TRANPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D101HD	A	12	14.8	D30S	A	24	27.5
D17SE	A	12	14.2	D27S	A	12	14.0
D27	A	12	13.7	D27HD	A	12	14.0
D102HD	A	12	13.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we offer testers with additional 6 and 8 volts ranges.

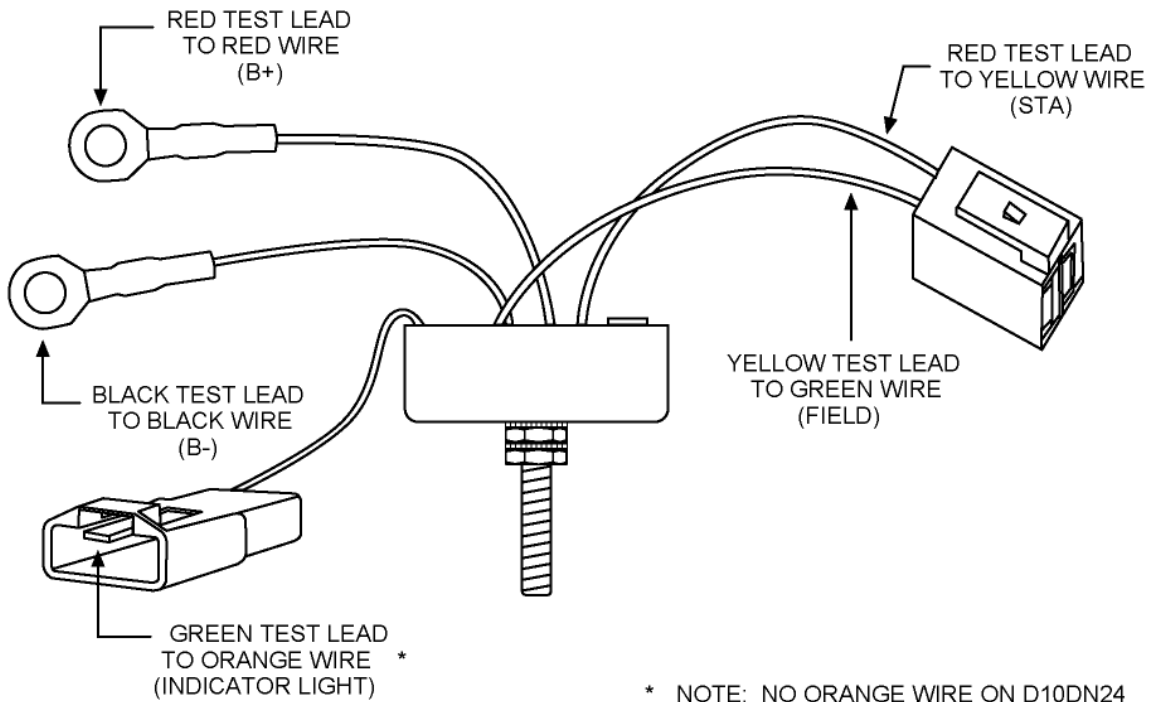


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D10DN24</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				
<b>D10DN24L</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** On D10DN24L, remove red test lead from the yellow wire (STA) of the regulator. The indicator light should turn on and the meter will indicated approximately 24V.

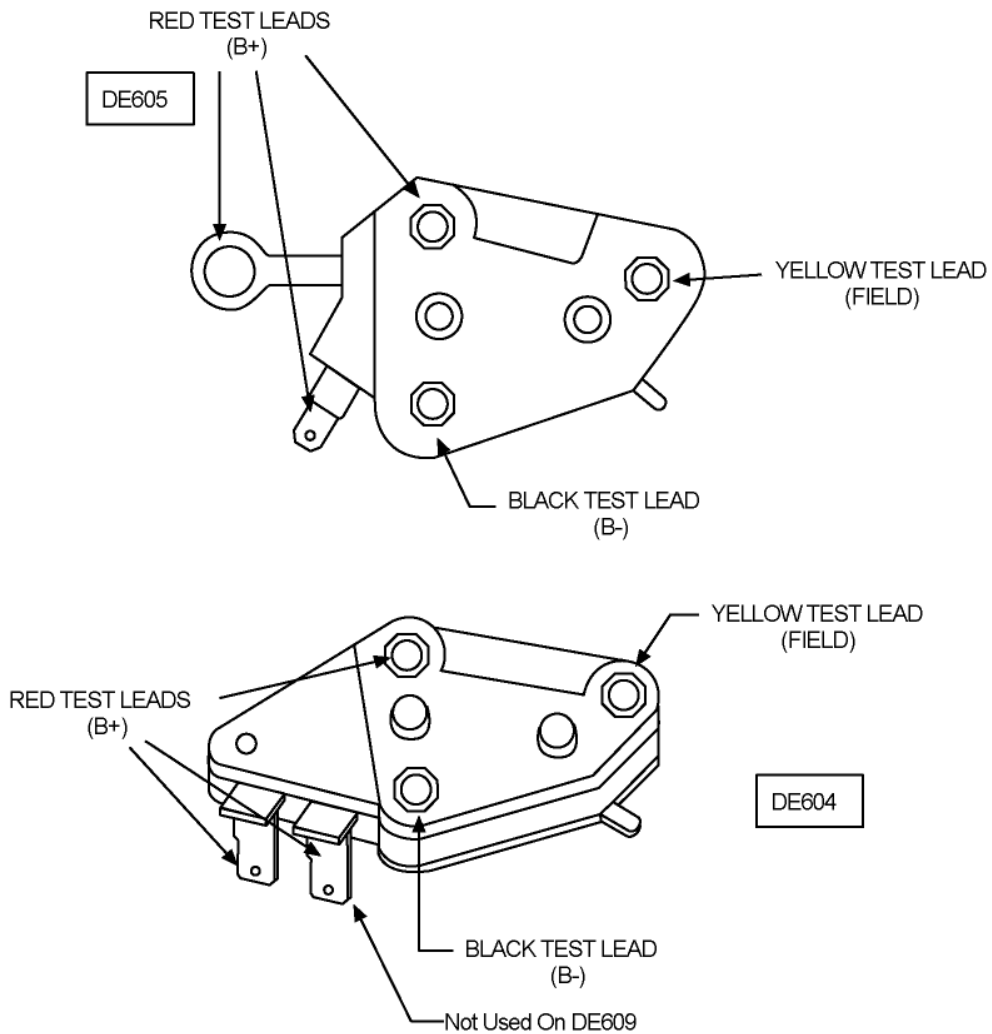


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>DE604</b>	<b>A</b>	<b>12</b>	<b>14.8</b>				
<b>DE605</b>	<b>A</b>	<b>12</b>	<b>14.8</b>				
<b>DE609</b>	<b>A</b>	<b>12</b>	<b>14.8</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

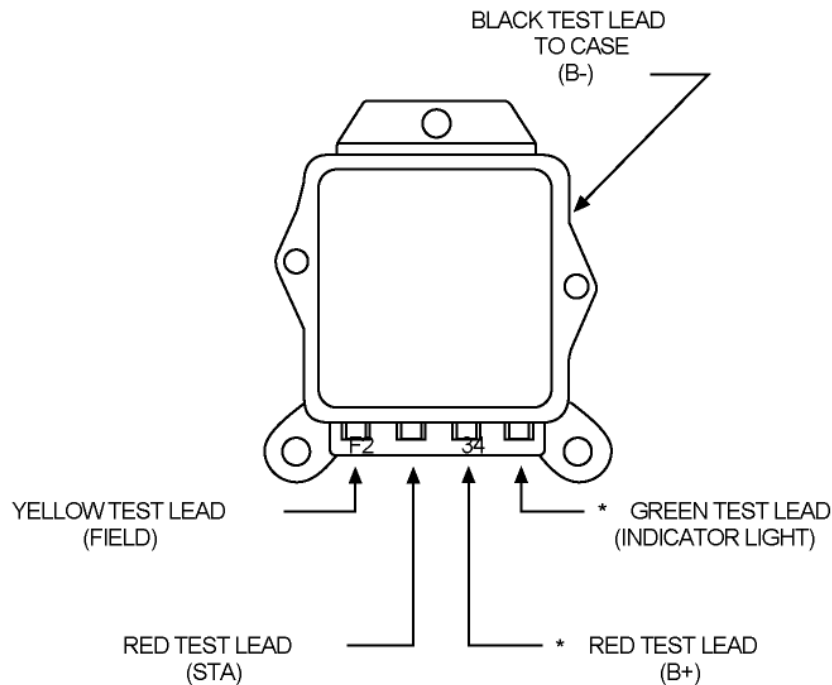


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D9212	B	12	14.2	D6378	B	12	14.6
D9212S	B	12	14.2	D6377	B	12	14.6
D9212C	B	12	14.2	D518	B	24	27.5
D6374	B	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** On all above parts numbers except D6377, disconnect red test lead from the terminal marked with "S" Indicator light should turn on and the meter will indicate set point voltage.



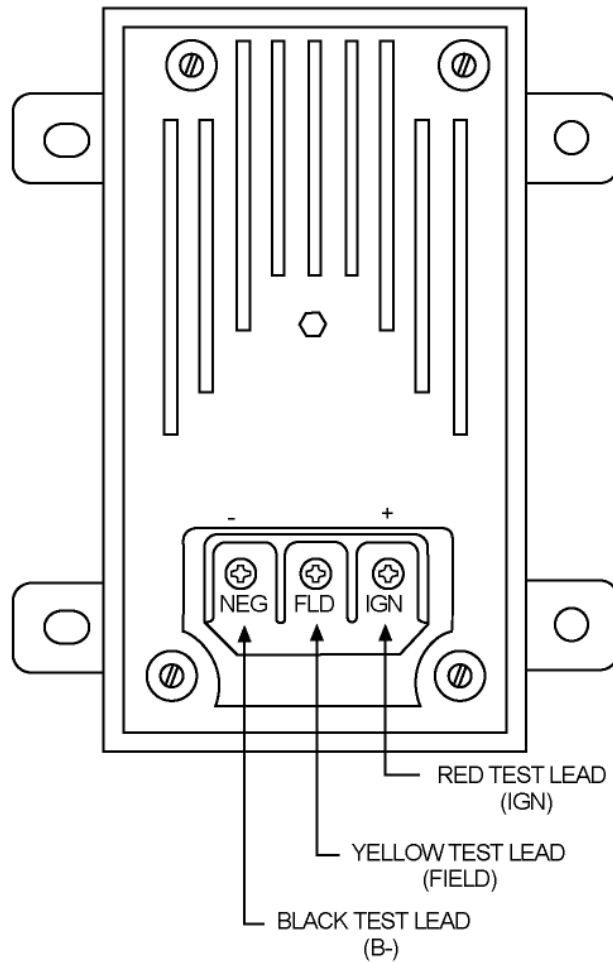
\* NOTE: ON D6377, CONNECT BLACK TEST LEAD TO TERMINAL (3) IN PLACE OF RED TEST LEAD AND NO TEST LEAD CONNECTION TO TERMINAL (4) AND THE CASE.

## TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D443	B	12	14.2				
D447	B	24	27.5				
D551	B	12	14.2				
D597	B	24	27.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

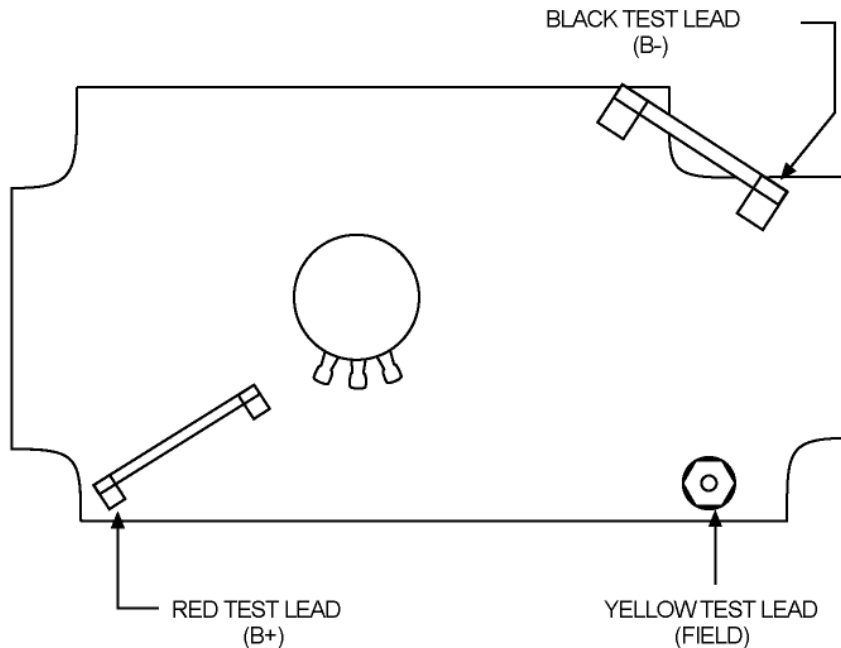


# TRANSPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D551P</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>D597P</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



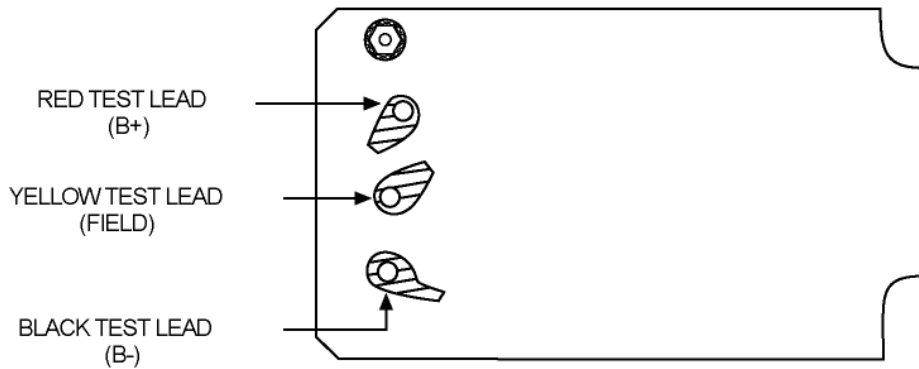
BACK VIEW

# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D443P</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>D447P</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



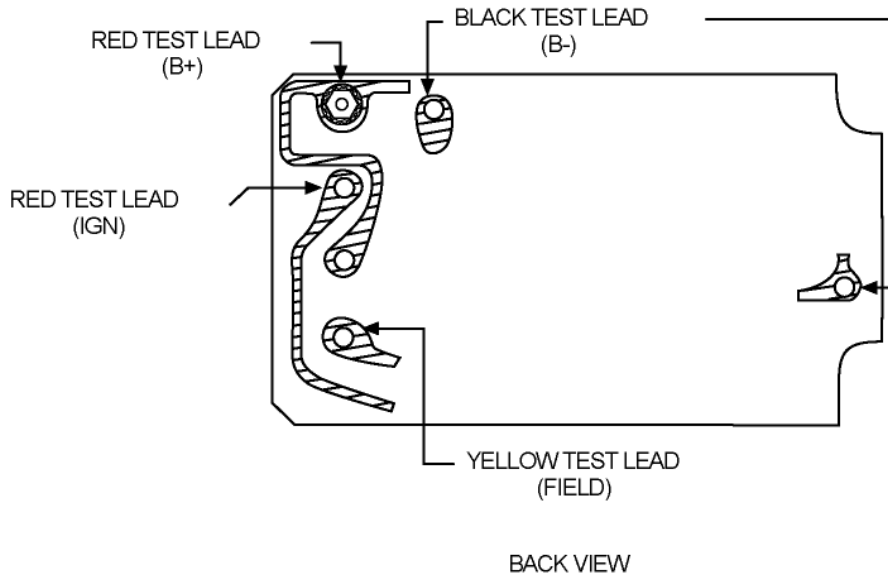
BACK VIEW

# TRANSPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D437P</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>D559P</b>	<b>A</b>	<b>12</b>	<b>12.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



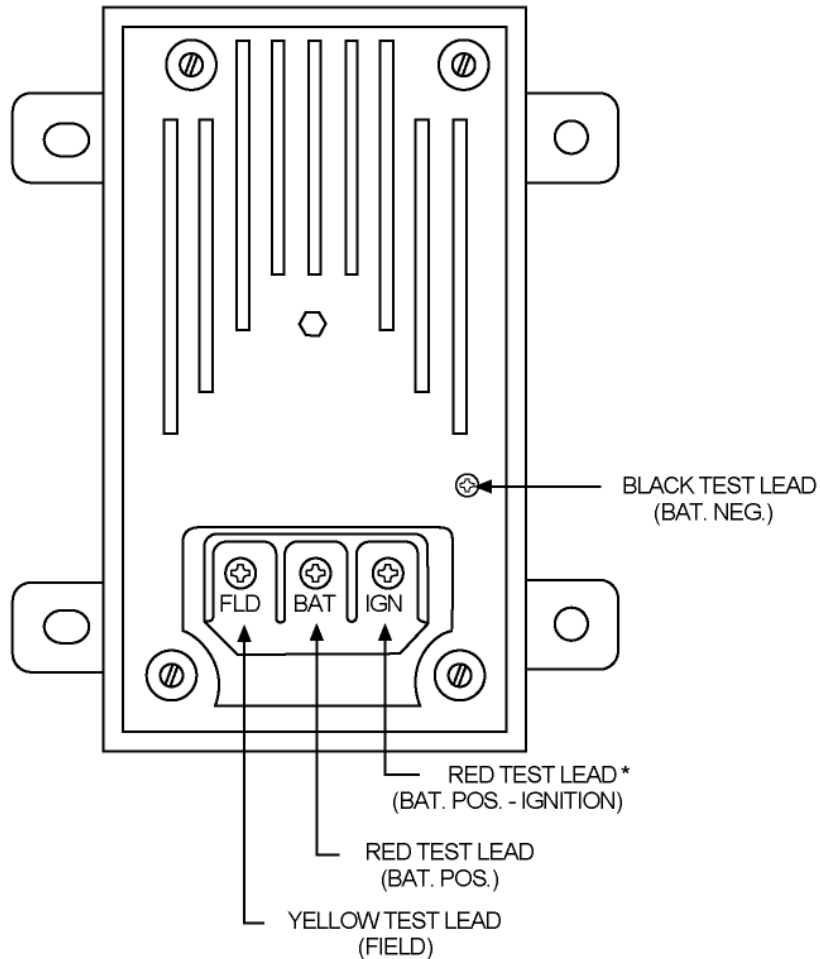


# TRANSPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D437</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>D559</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked with (\*). Field lamp should turn off and the meter will indicate low voltage.

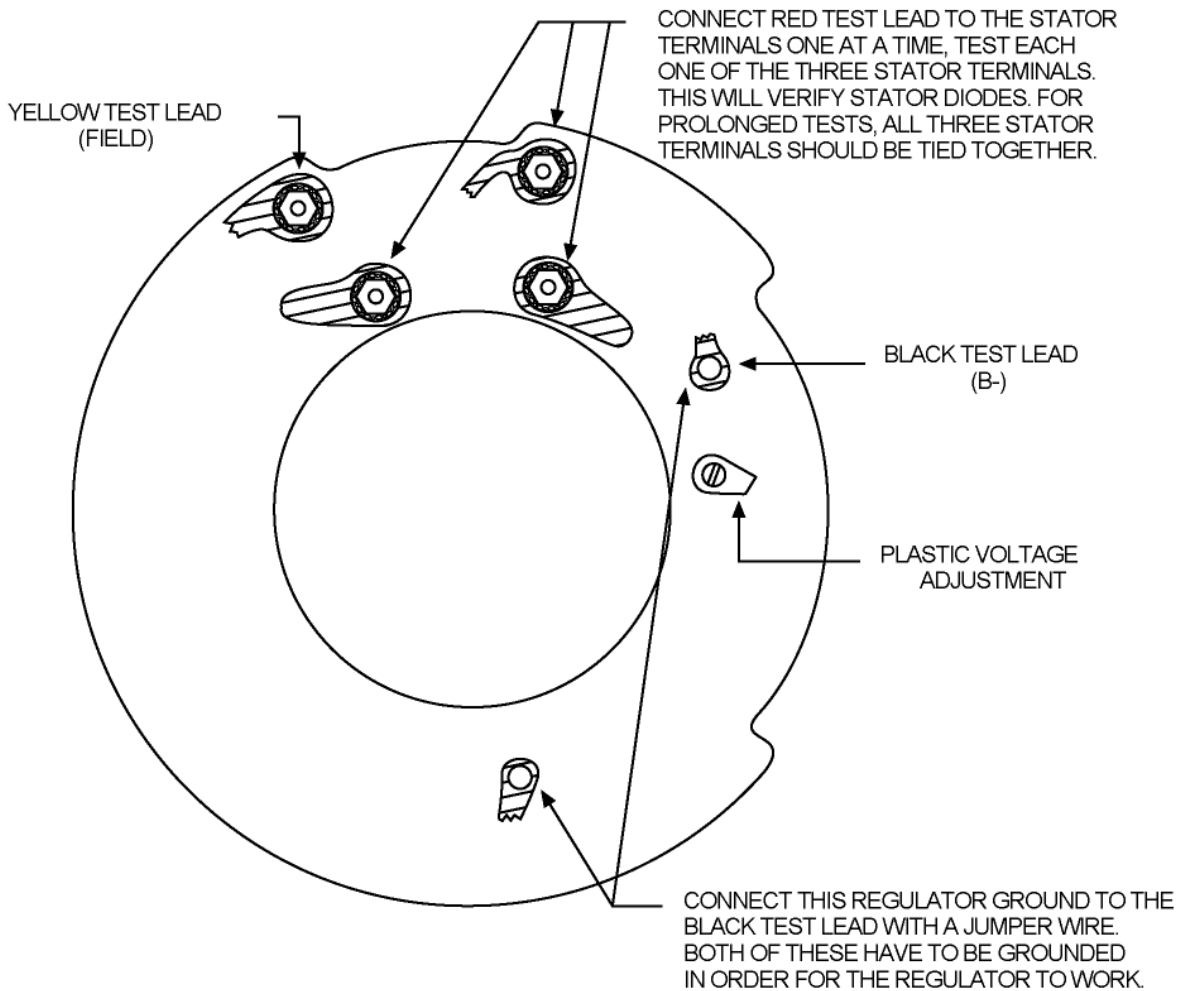


# TRANPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D875</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				
<b>D876</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D408</b>	<b>B</b>	<b>12</b>	<b>14.7</b>	<b>D436</b>	<b>B</b>	<b>12</b>	<b>14.7</b>
<b>D428</b>	<b>B</b>	<b>12</b>	<b>14.7</b>	<b>D440G</b>	<b>B</b>	<b>12</b>	<b>14.7</b>
<b>D411</b>	<b>B</b>	<b>12</b>	<b>14.7</b>	<b>D437</b>	<b>B</b>	<b>12</b>	<b>14.7</b>
<b>D429</b>	<b>B</b>	<b>12</b>	<b>14.7</b>	<b>D411</b>	<b>B</b>	<b>12</b>	<b>14.7</b>

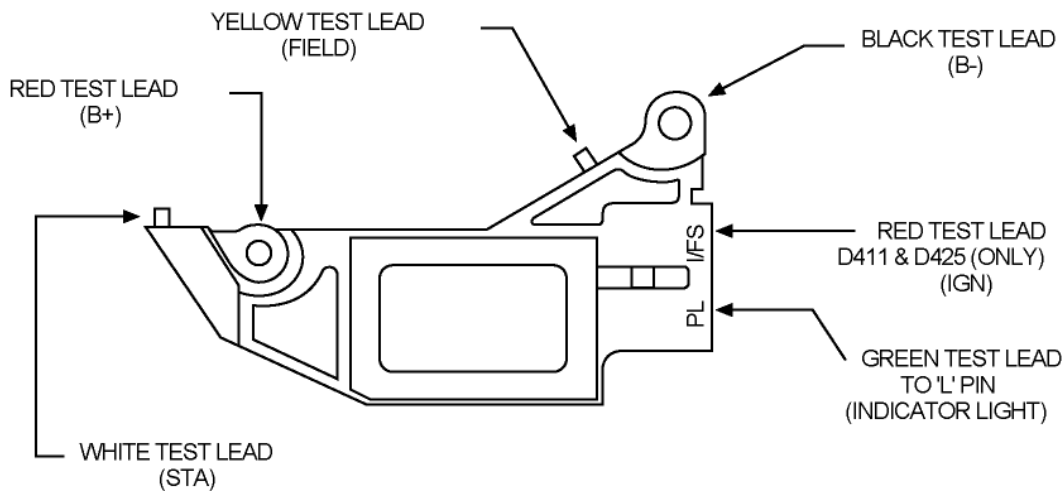
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "STATOR". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12V. On "I" type voltage regulators, connect the regulators as per diagram below except do not connect the indicator light to the "L" terminal. Connect red test lead to the terminal marked "I/F" and same results as step number 2 should be noticed.

NOTE: On D412 regulator, an 1800 OHM pull-up resistor is required between "S" terminal of regulator and the testers battery POS.  
 NOTE: On D440 regulator, both of the "L" and "I" terminals must be connected in order to conduct the test.



# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D412	B	12	14.2	D446	B	12	14.6
D413	B	12	14.7	D411SE	B	12	14.7
D440	B	12	14.7				
D425	B	12	14.2				

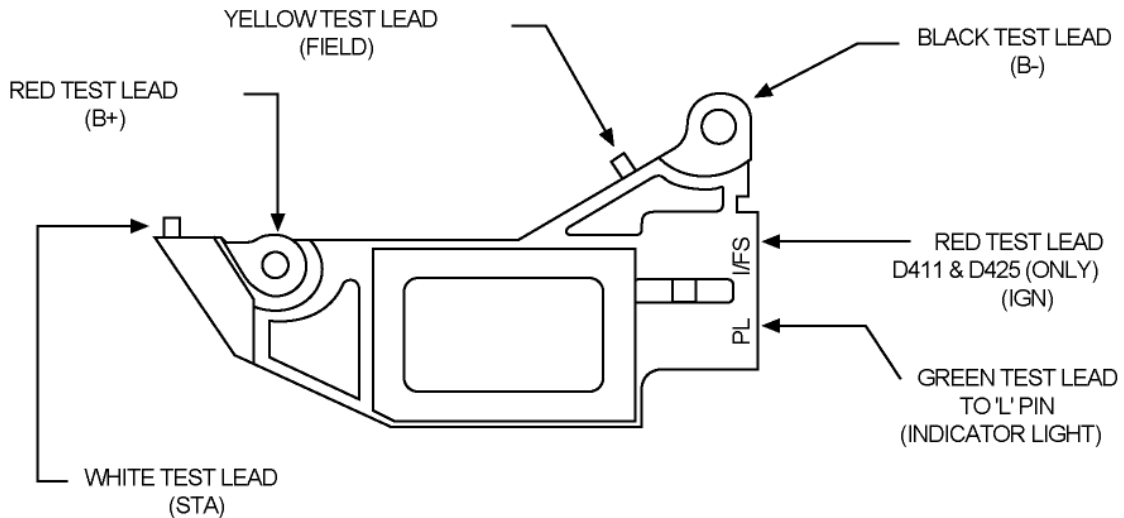
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "STATOR". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12V. On "I" type voltage regulators, connect the regulators as per diagram below except do not connect the indicator light to the "L" terminal. Connect red test lead to the terminal marked "I/F" and same results as step number 2 should be noticed.

NOTE: On D412 regulator, an 1800 OHM pull-up resistor is required between "S" terminal of regulator and the testers battery POS.  
 NOTE: On D440 regulator, both of the "L" and "I" terminals must be connected in order to conduct the test.

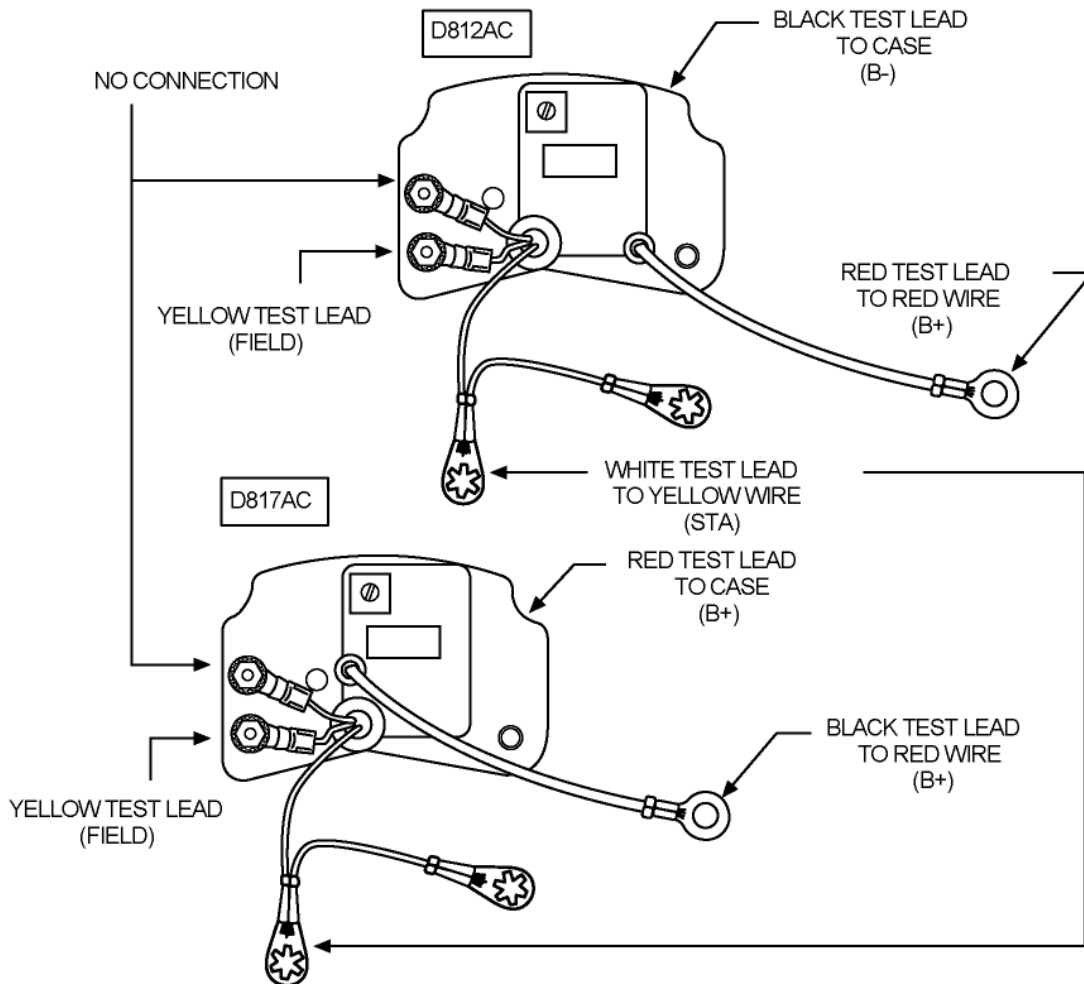


# TRANPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D812AC</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>D817AC</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>D824AC</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from the regulator's yellow wire. Field lamp should turn off and the meter will indicate low voltage. Also, connection the red test lead to "NO CONNECTION" terminal instead of regulator's red wire will result in the same test data.



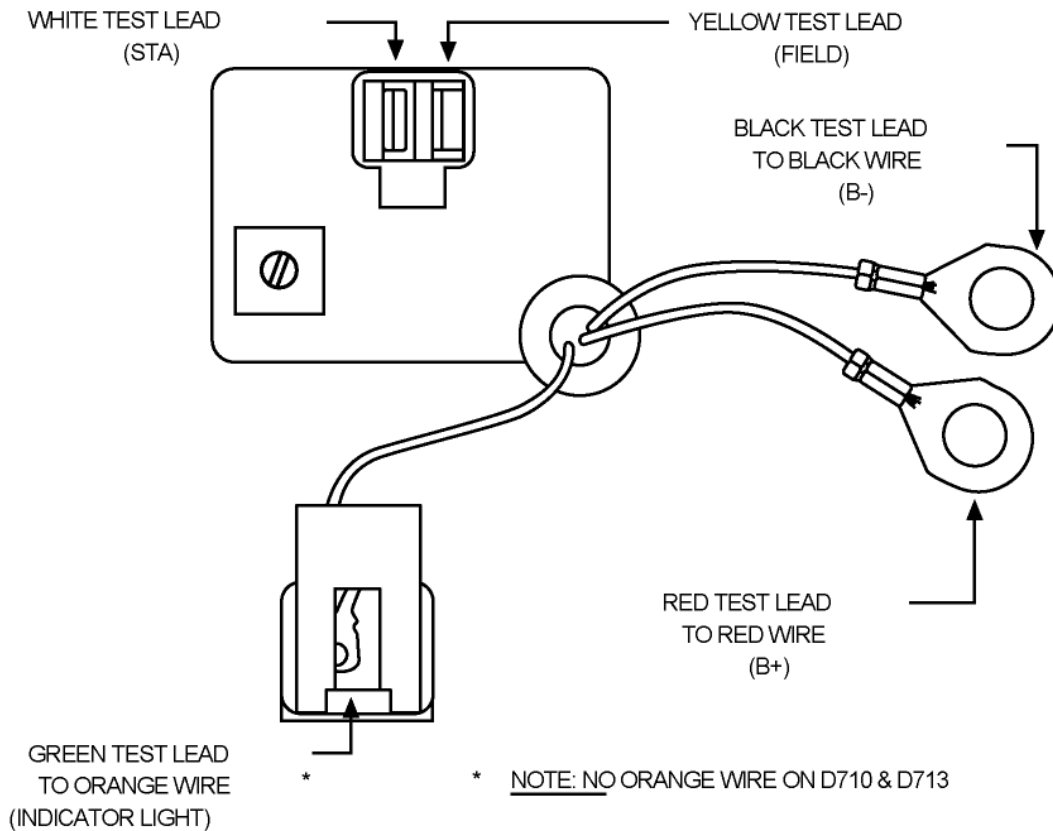
# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D710	B	6	7.8				
D713	B	12	14.2				
D173L	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "stator". Field lamp should turn off and the meter will indicate low voltage. On D713L regulator, removal of white test leads will also cause indicator light to turn on.

NOTE: Transpo's standard voltage regulator testers offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volt ranges.

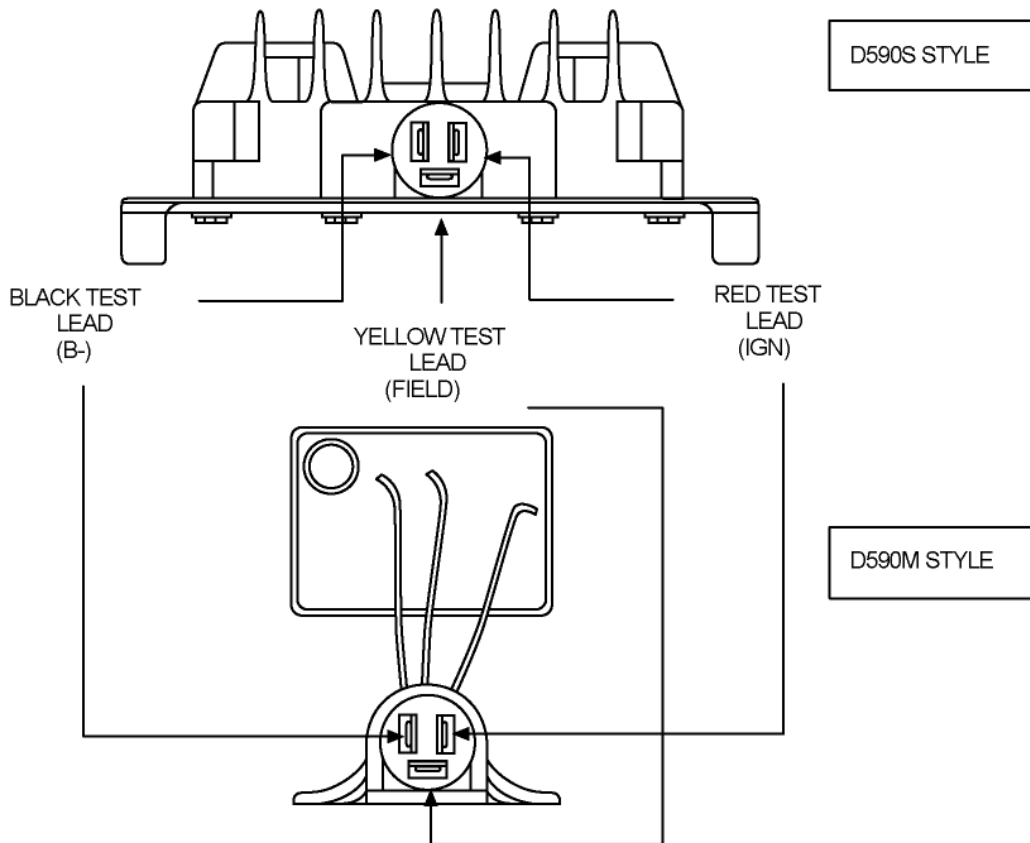


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D590M</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>D591S</b>	<b>B</b>	<b>24</b>	<b>27.5</b>
<b>D591M</b>	<b>B</b>	<b>24</b>	<b>27.5</b>	<b>D593S</b>	<b>B</b>	<b>32</b>	<b>37.5</b>
<b>D593M</b>	<b>B</b>	<b>32</b>	<b>37.5</b>				
<b>D590S</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

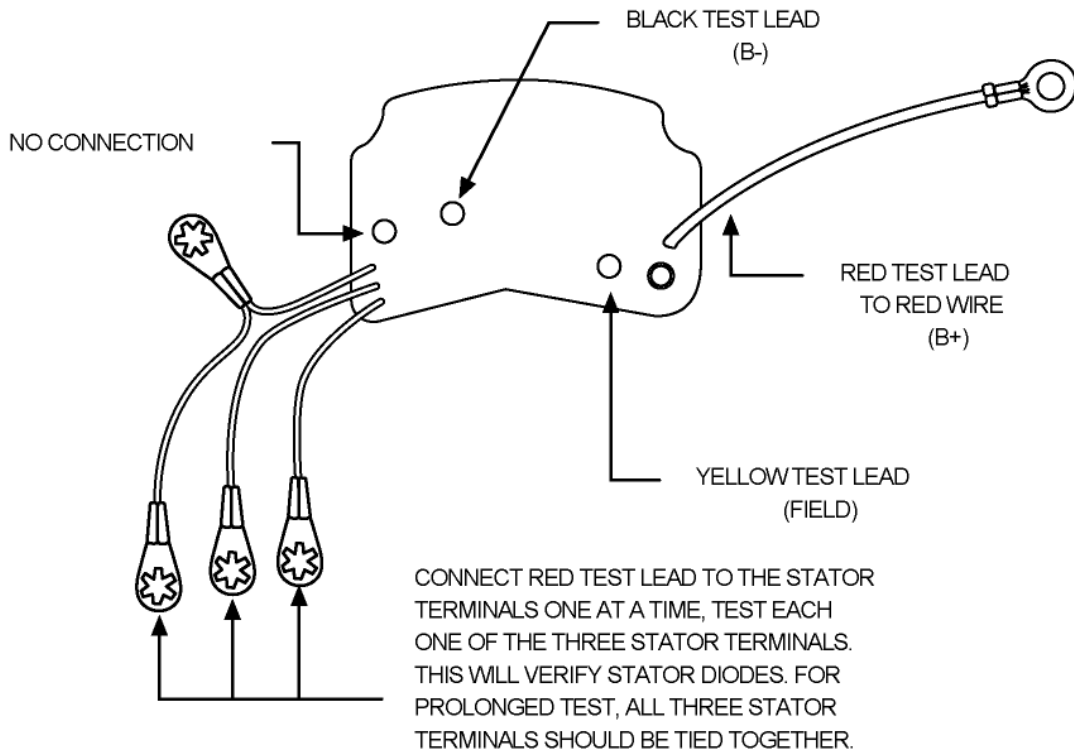


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D812	A	12	14.2	D824	A	24	27.5
D812HD	A	12	14.2	D824HD	A	24	27.5
D813	A	12	14.2	D832	A	32	37.5
D813HD	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



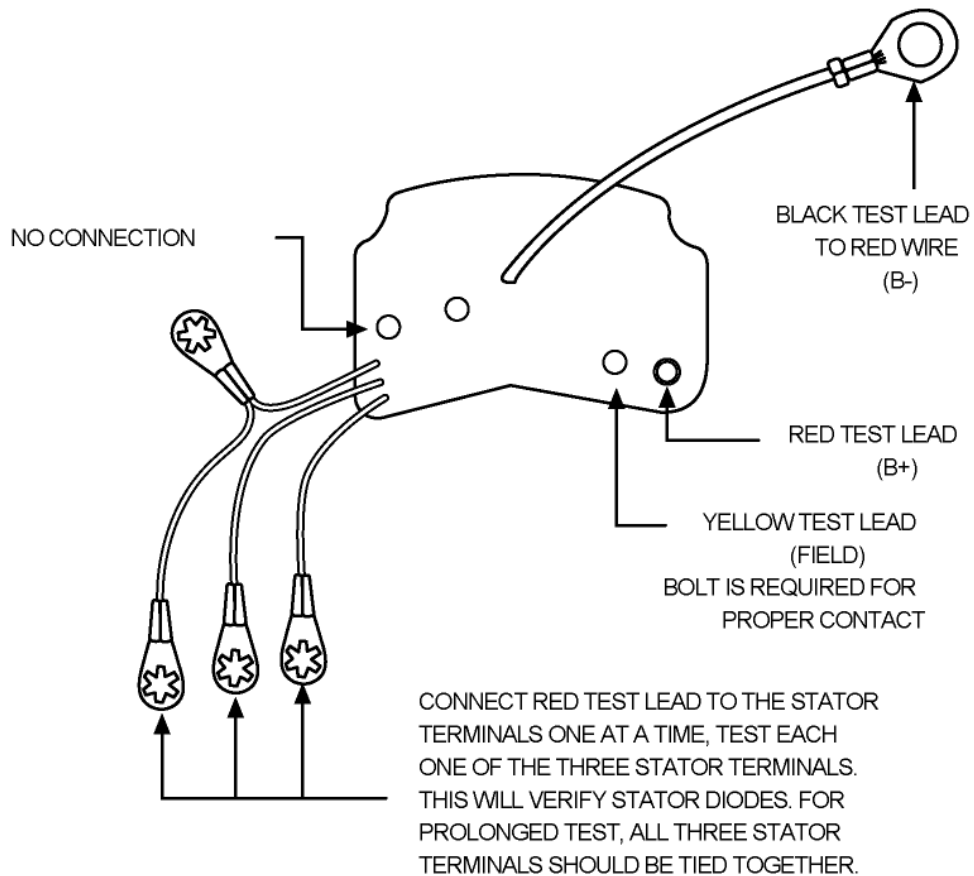


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D817</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>D817HD</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSPO TESTER INSTRUCTIONS

for       DELCO       type regulators

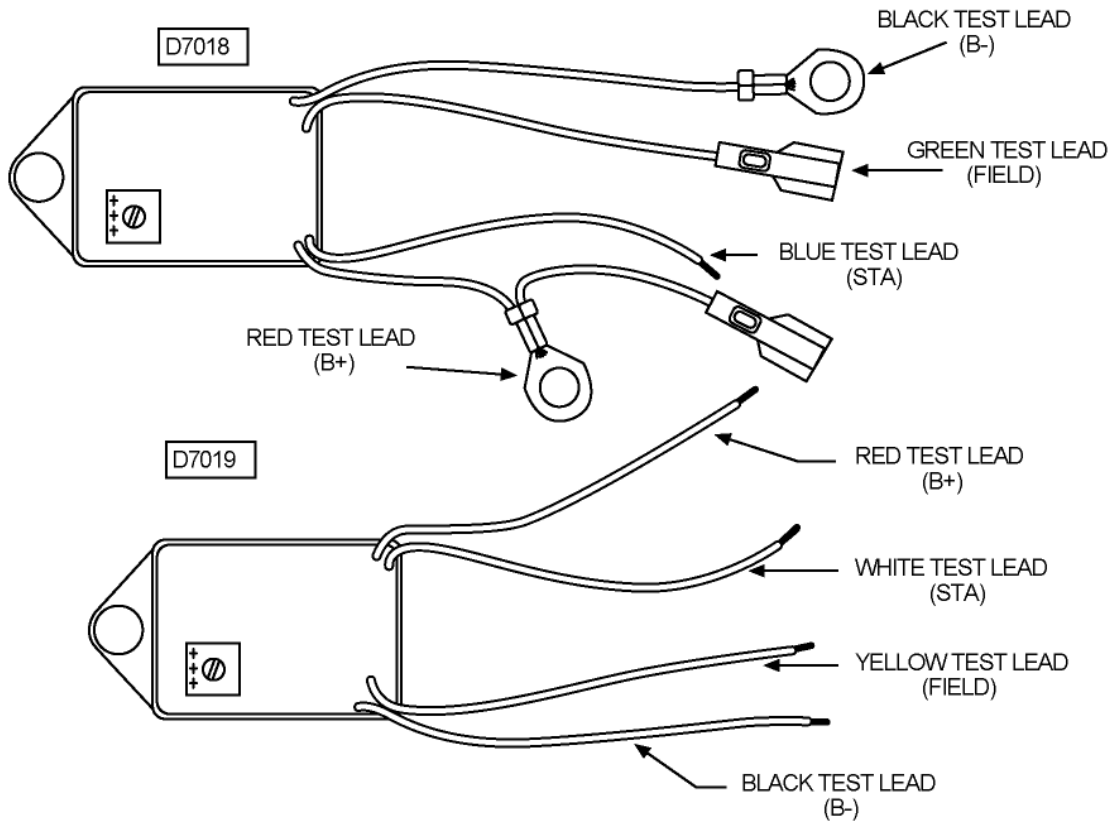
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D7018</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>D7019</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from regulator's wire marked "stator". Field lamp should turn off and the meter will indicate low voltage.

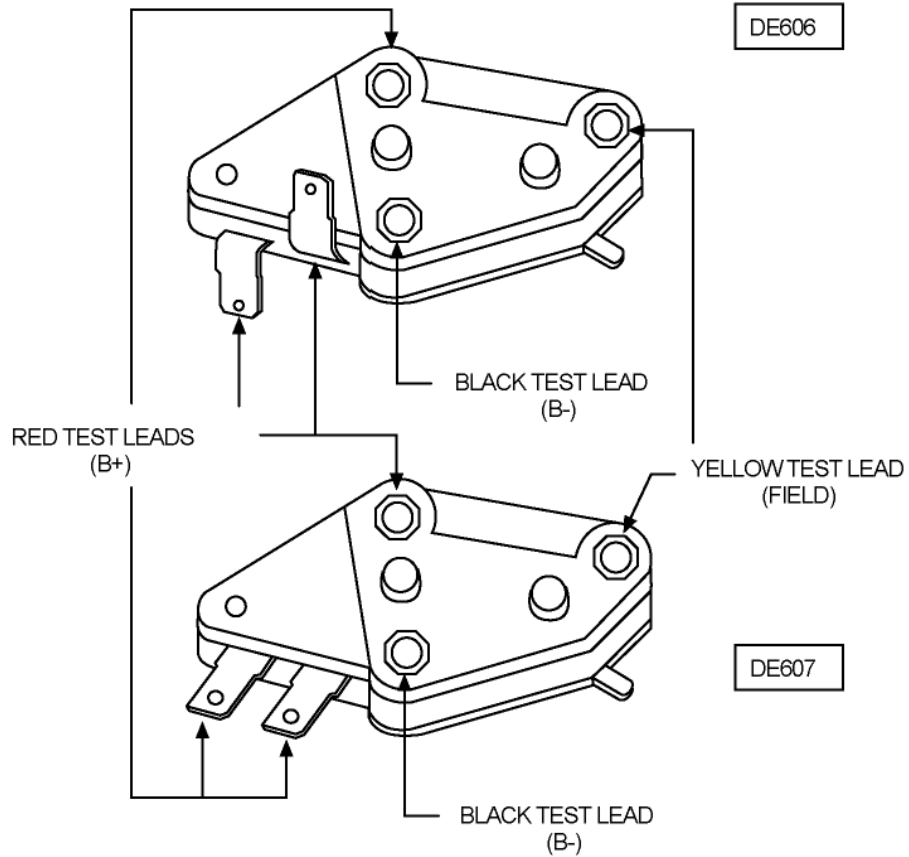


# TRANSPO TESTER INSTRUCTIONS

for           DELCO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>DE606</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>DE607</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

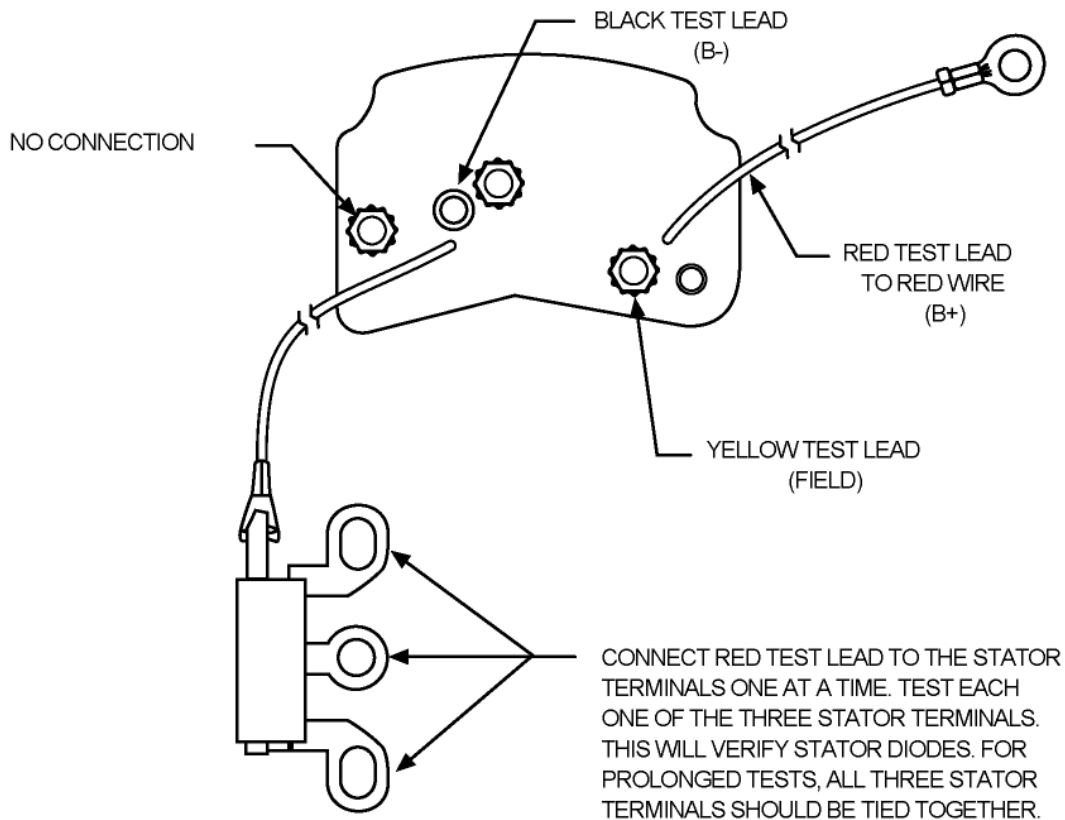


# TRANPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D529</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from stator wires. The field lamp should stay on and the meter will indicate high voltage. Connect red test lead to the post marked "No Connection". Regulator will regulate at the specified set point voltage.



# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

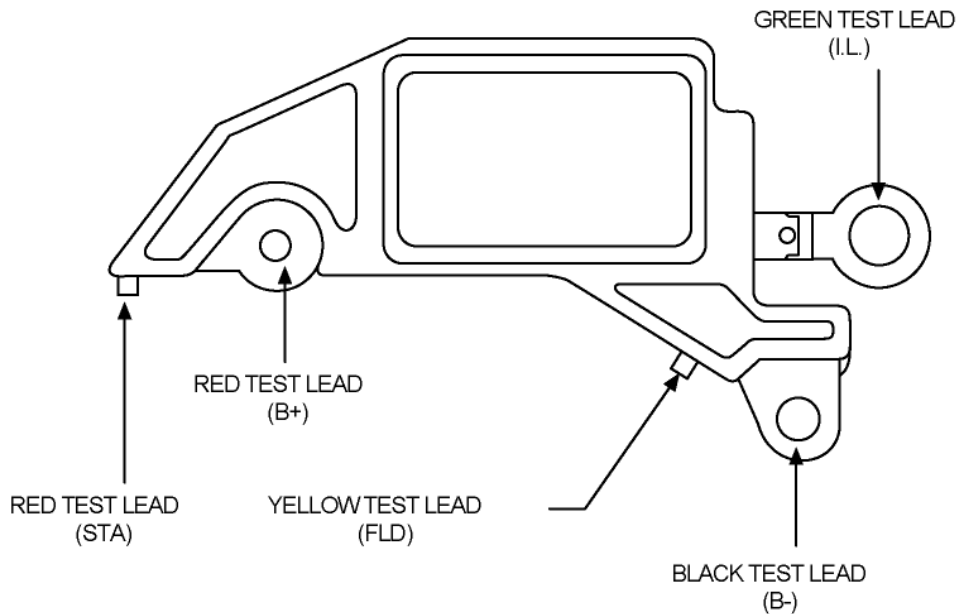
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D424</b>	<b>B</b>	<b>12</b>	<b>14.7</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "stator". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal . Regulator will turn off and the meter will indicate 12V.

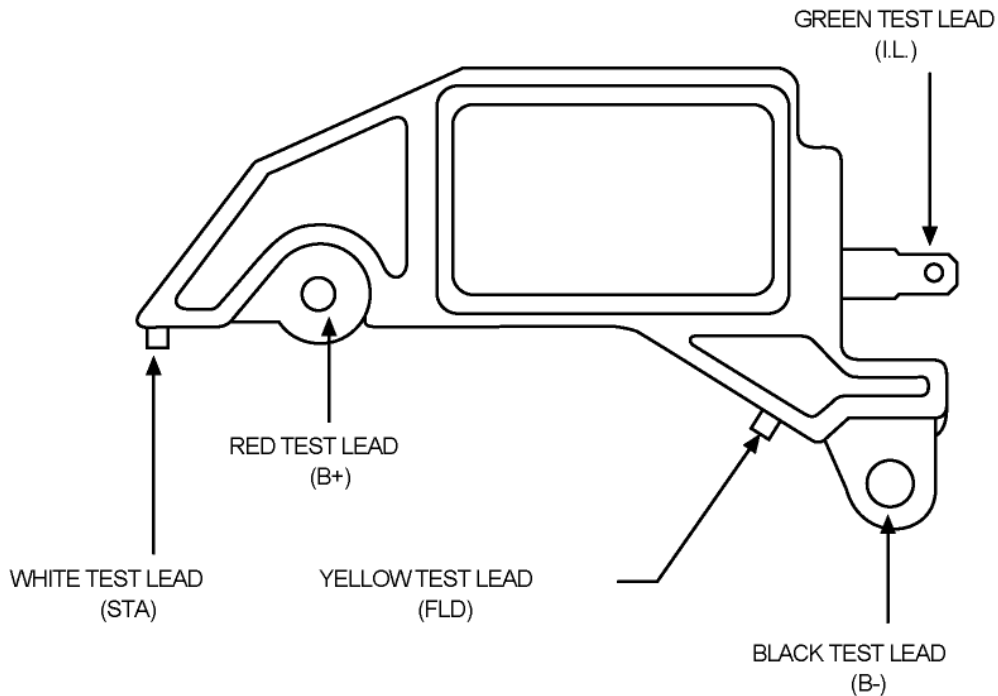


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D432</b>	<b>B</b>	<b>12</b>	<b>14.7</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove the white test lead from terminal marked "STATOR". The indicator light will turn on, field lamp will stay on and meter will indicate approximately 12V. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12V.



# TRANPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D9206</b>	<b>B</b>	<b>6</b>	<b>7.8</b>				
<b>D9207</b>	<b>B</b>	<b>6</b>	<b>7.8</b>				

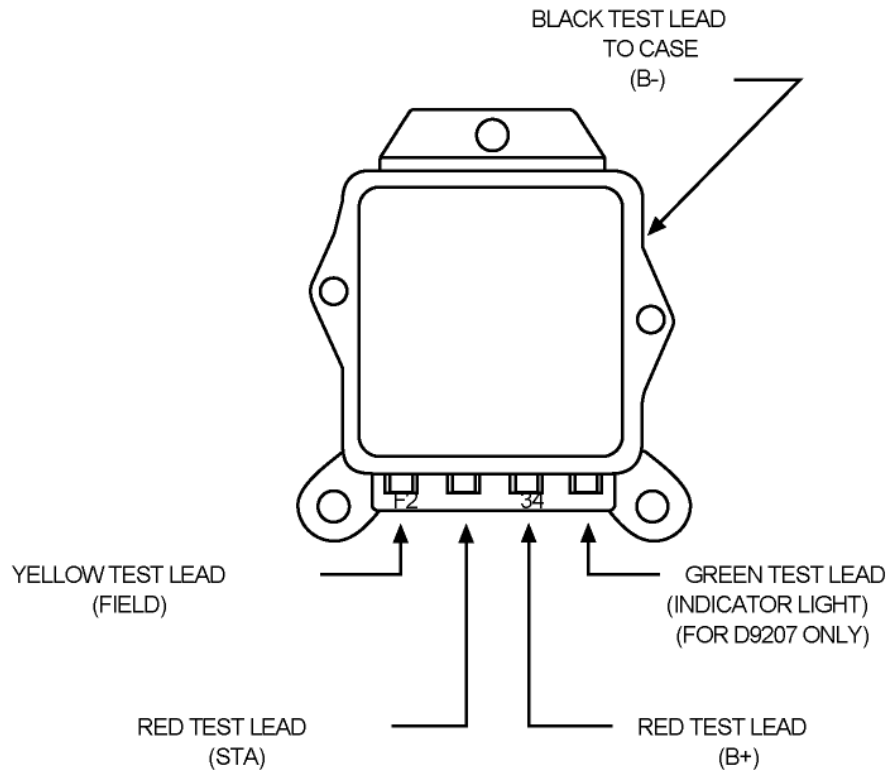
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** On D9207, remove test lead from the terminal marked "STA". Field lamp will turn off , indicator light will turn on, and the meter will indicate low voltage.

NOTE: Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volt ranges.

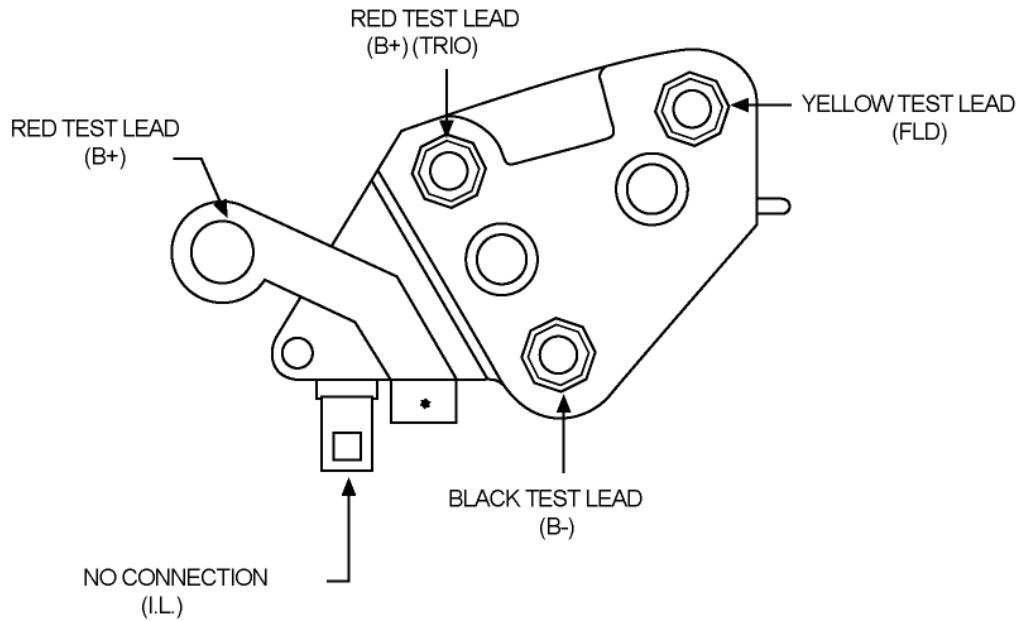


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>DE611</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				
<b>DE615</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



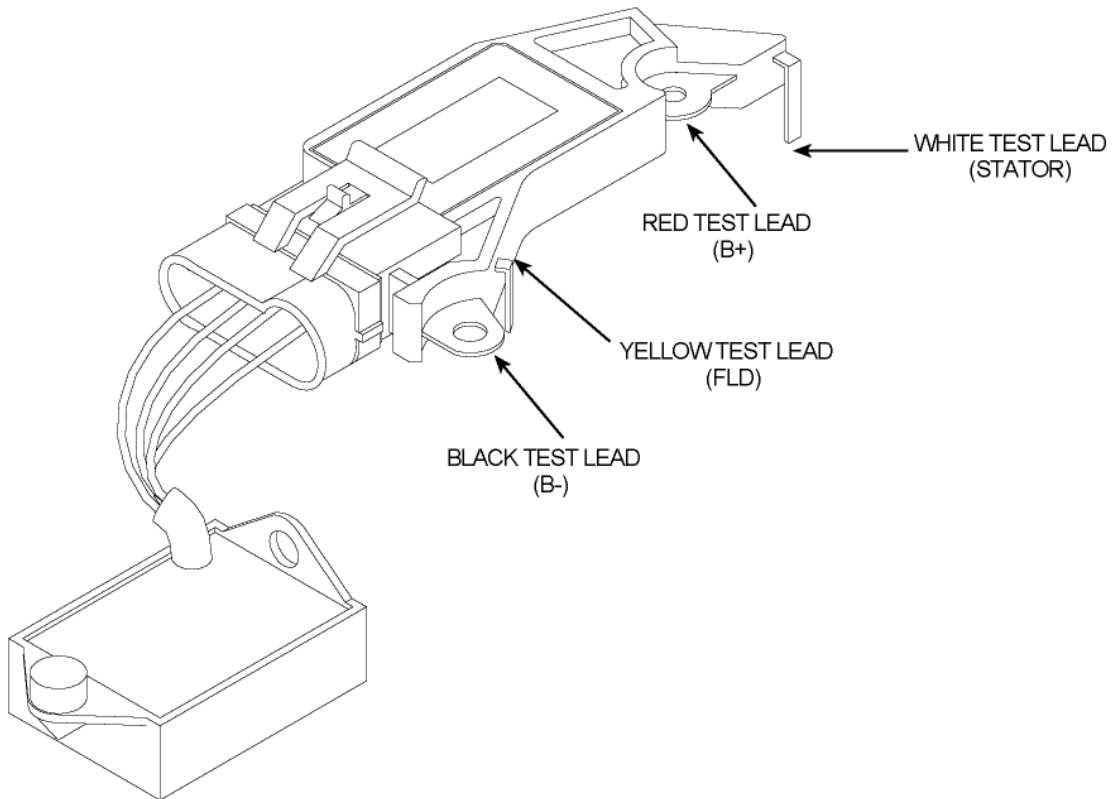


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D7050</b>	<b>B</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "stator". Regulator will turn off and the meter will indicate 12V.

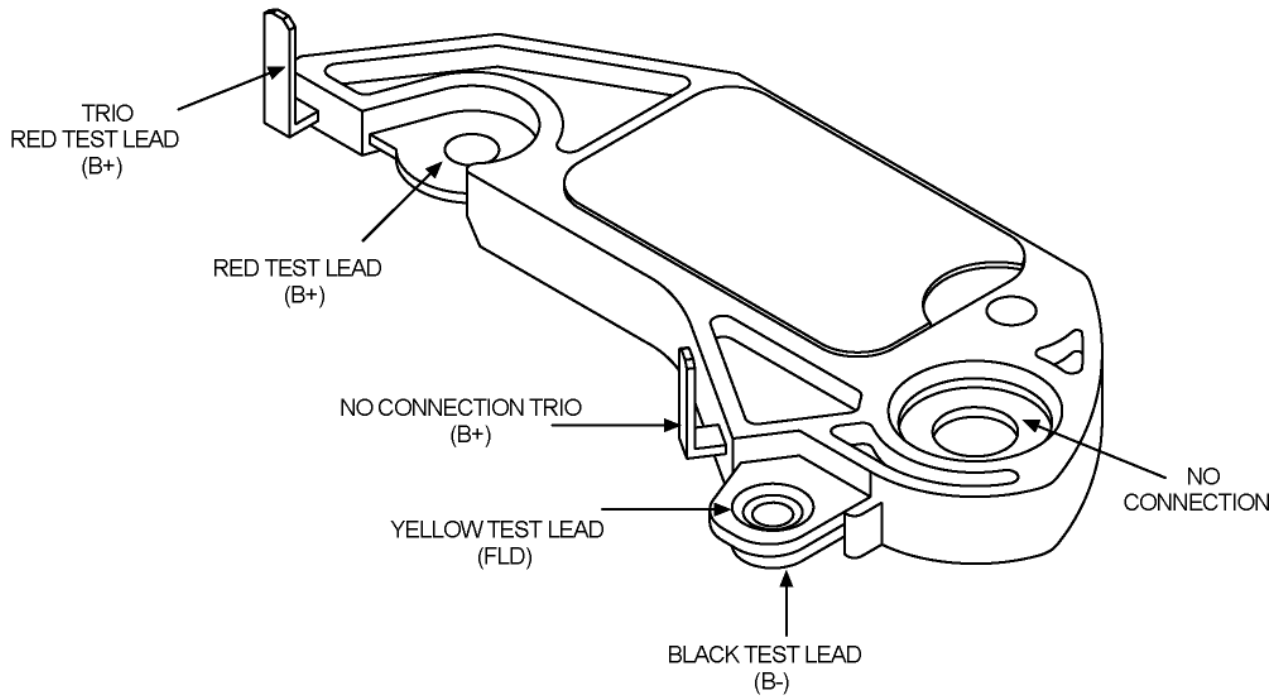


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>DE701</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				
<b>DE701-1</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

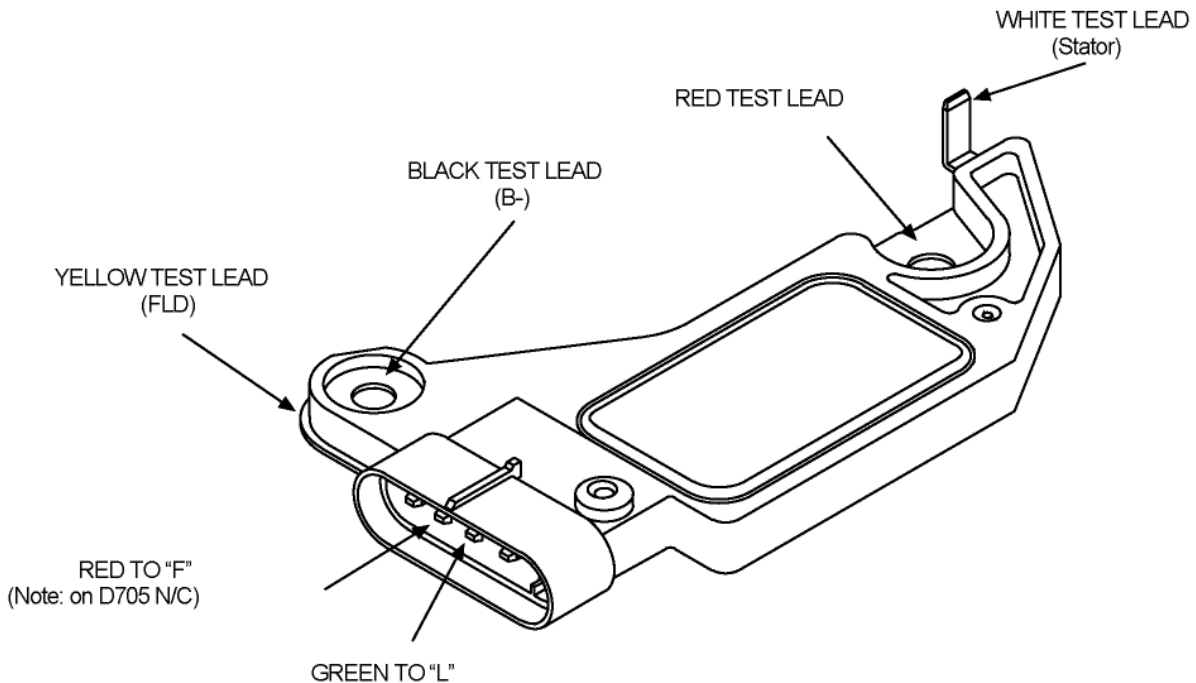


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D702	B	12	14.5	D706	B	12	14.1
D702HD	B	12	14.79				
D703	B	12	14.5				
D705	B	12	14.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "stator". The indicator light will turn on, field lamp will stay on and the meter will indicate approximately 12 volts.

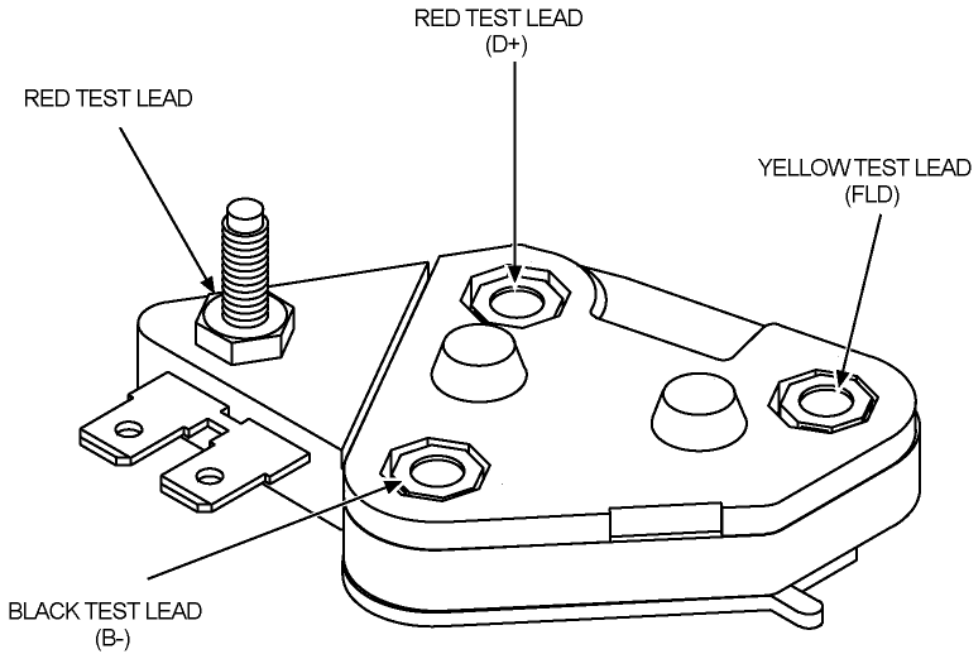


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D33	A	12	14.1				
D22	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

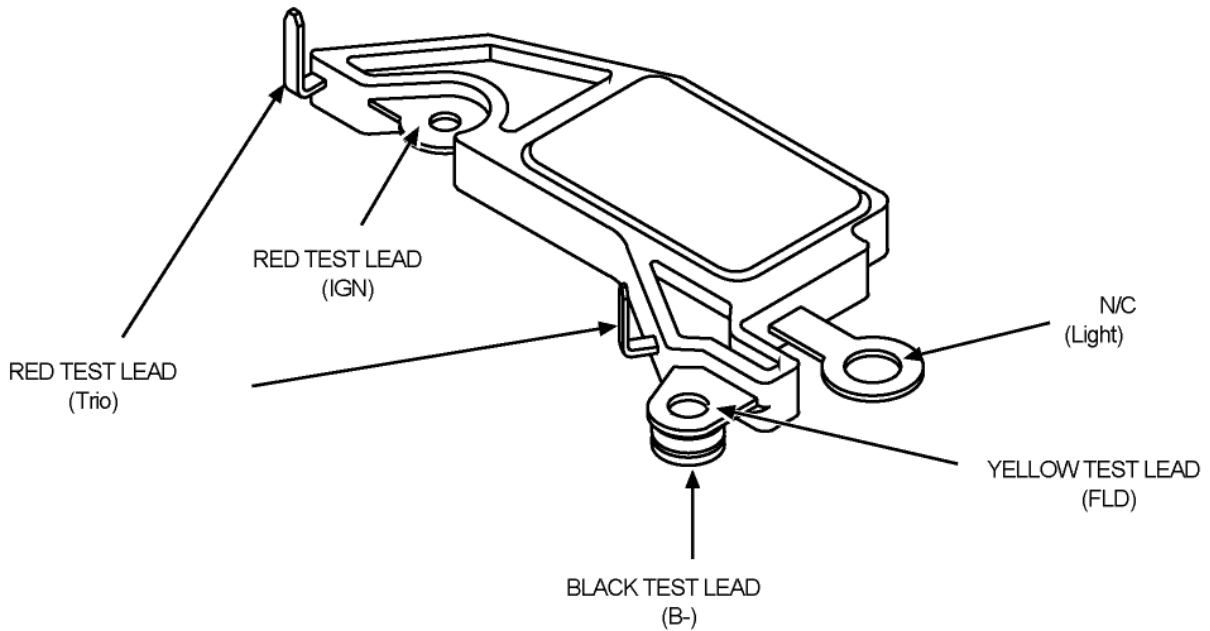


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D401</b>	<b>A</b>	<b>24</b>	<b>27.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

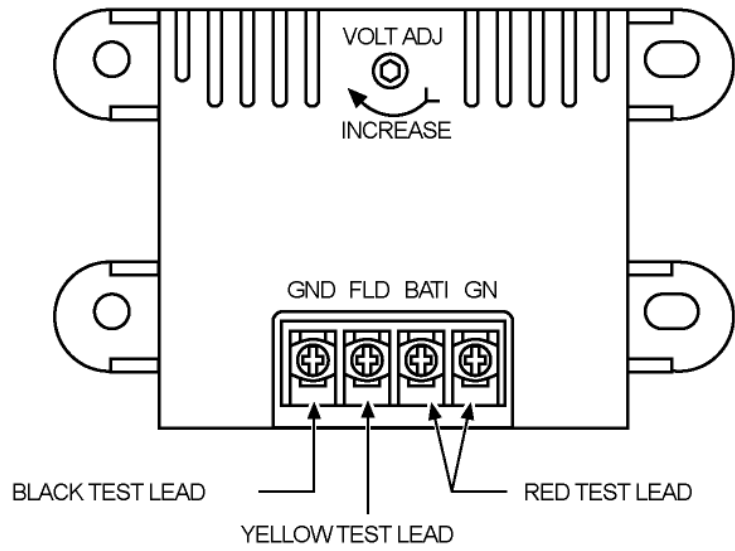


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D698</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>D699</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

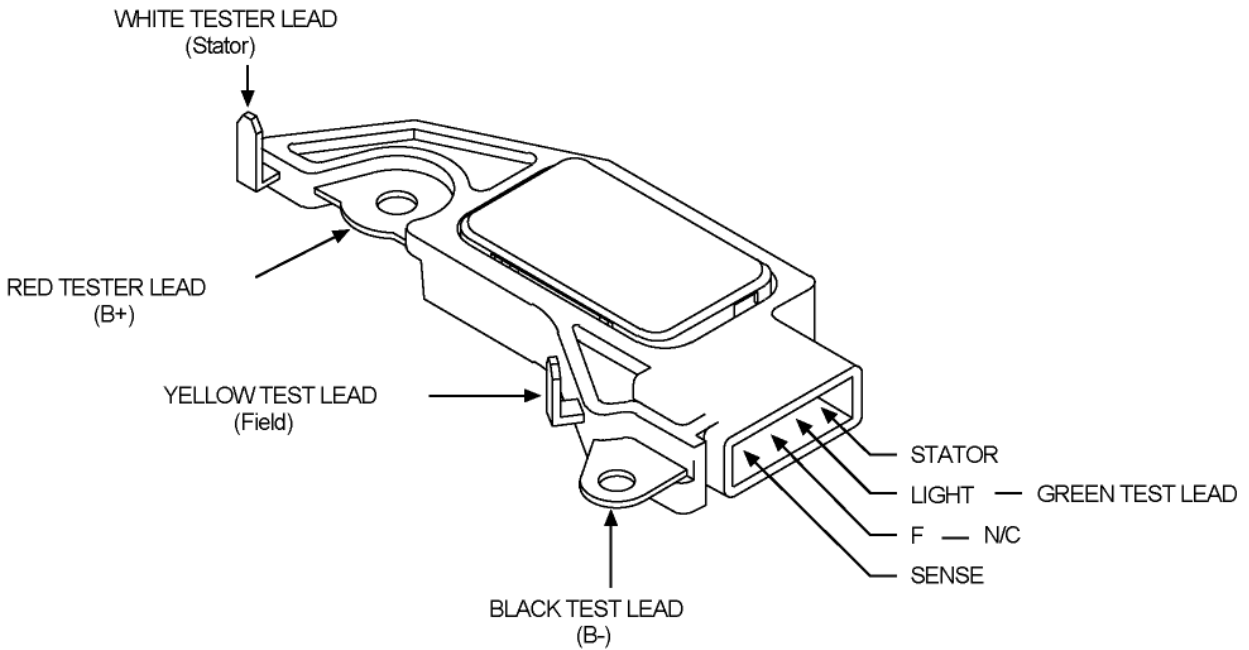
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D445</b>	<b>B</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "stator". The indicator light will turn on , field lamp will stay on and the meter will indicate approximately 12 volts.

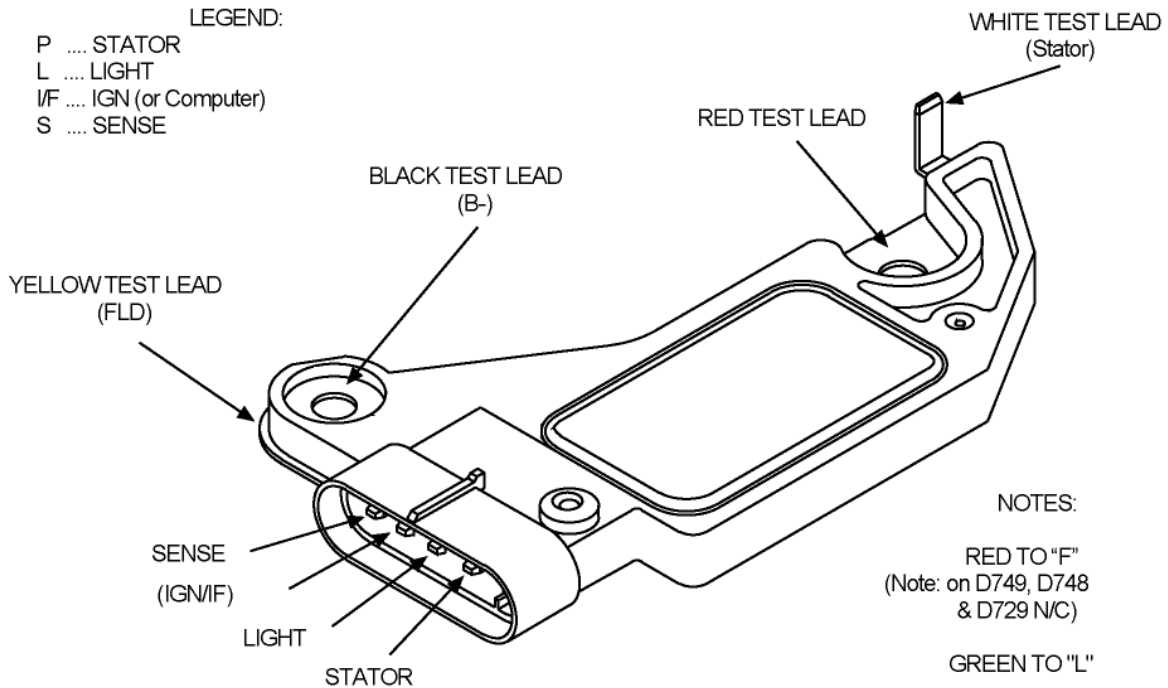


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
D712	B	12	14.6	D734	B	12	14.6
D718	B	12	14.7	D749	B	12	14.6
D719	B	12	14.75	D748	B	12	14.8
D729	B	12	14.75	D752	B	12	14.7

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "stator". the indicator light will turn on, field lamp will stay on and meter will indicate approximately 12v. Disconnect the test lead from "L" terminal. Regulator will turn off and the meter will indicate 12v. On "I" type voltage regulators, connect the regulators as per diagram below except do not connect the indicator light to the "L" terminal. Connect red test lead to the terminal marked "I/F" and same results as step number 2 should be noticed.



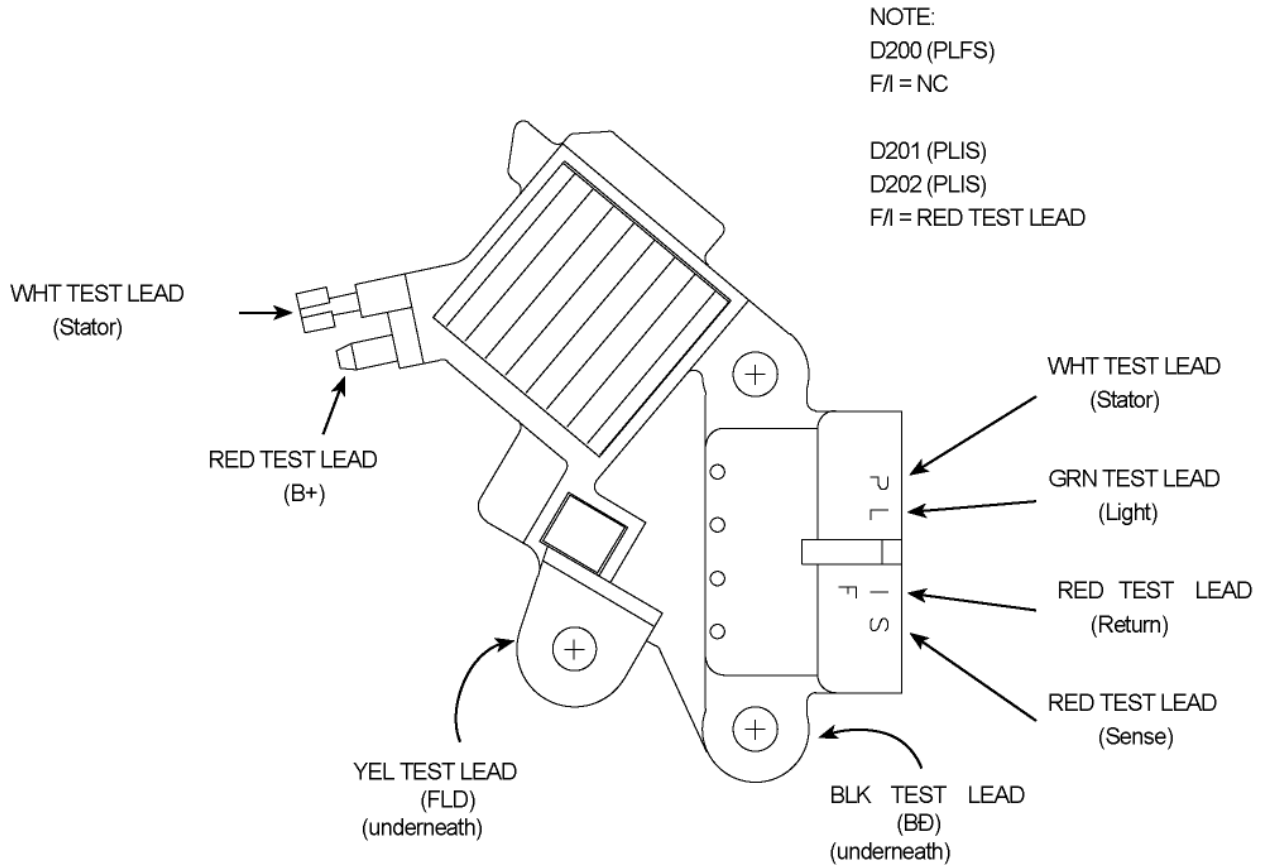


# TRANSCO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D198</b>	<b>B</b>	<b>12</b>	<b>14.8</b>	<b>D202</b>	<b>B</b>	<b>12</b>	<b>14.7</b>
<b>D199</b>	<b>B</b>	<b>12</b>	<b>14.8</b>	<b>D203</b>	<b>B</b>	<b>12</b>	<b>14.8</b>
<b>D200</b>	<b>B</b>	<b>12</b>	<b>14.7</b>				
<b>D201</b>	<b>B</b>	<b>12</b>	<b>14.7</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove Stator terminal, field light stays on voltage reads 12 volts and lamp light comes on. Remove light terminal (and "I" terminal on PLIS type), voltage regulator turns off.

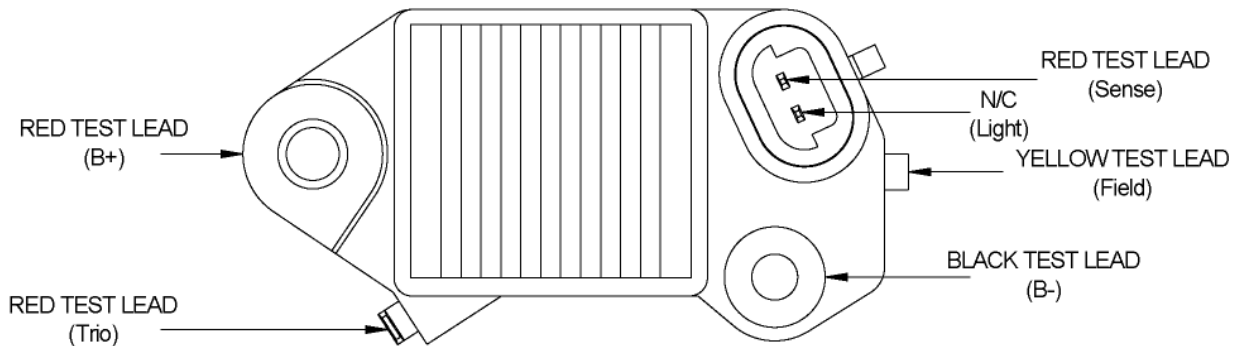


# TRANSPO TESTER INSTRUCTIONS

for DELCO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH758	A	12	14.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove "Red" test lead from "Sense" terminal and voltage goes up approximately 1 volt.

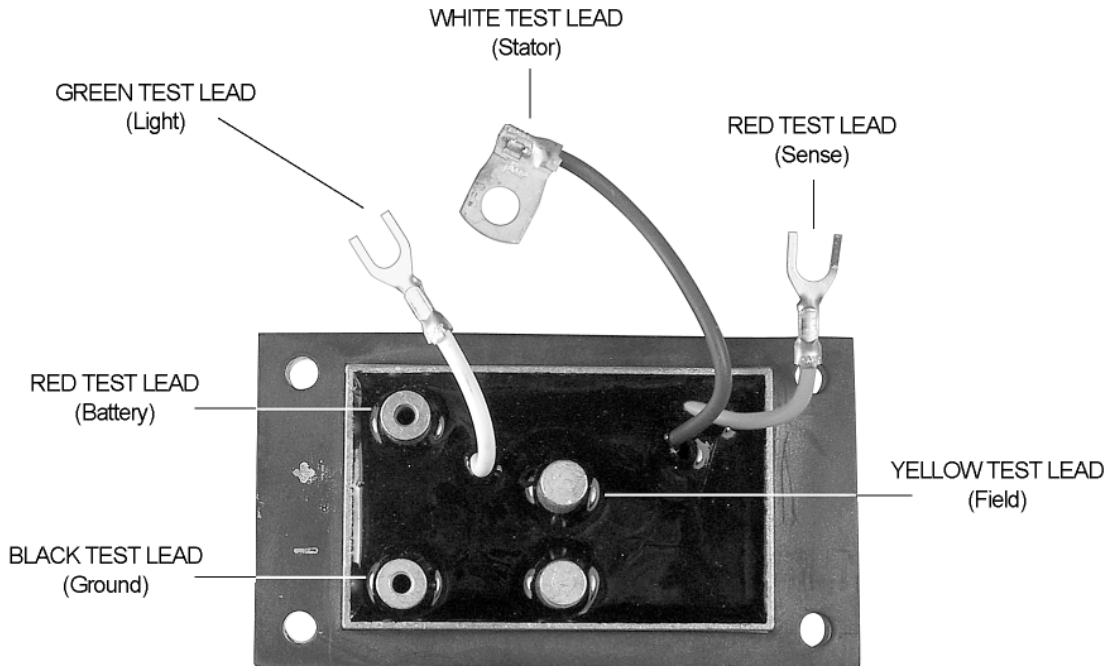


# TRANSPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D3101</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove WHITE TEST LEAD from terminal marked "STATOR", 12 volt Lamp will turn on and Field light will turn off.

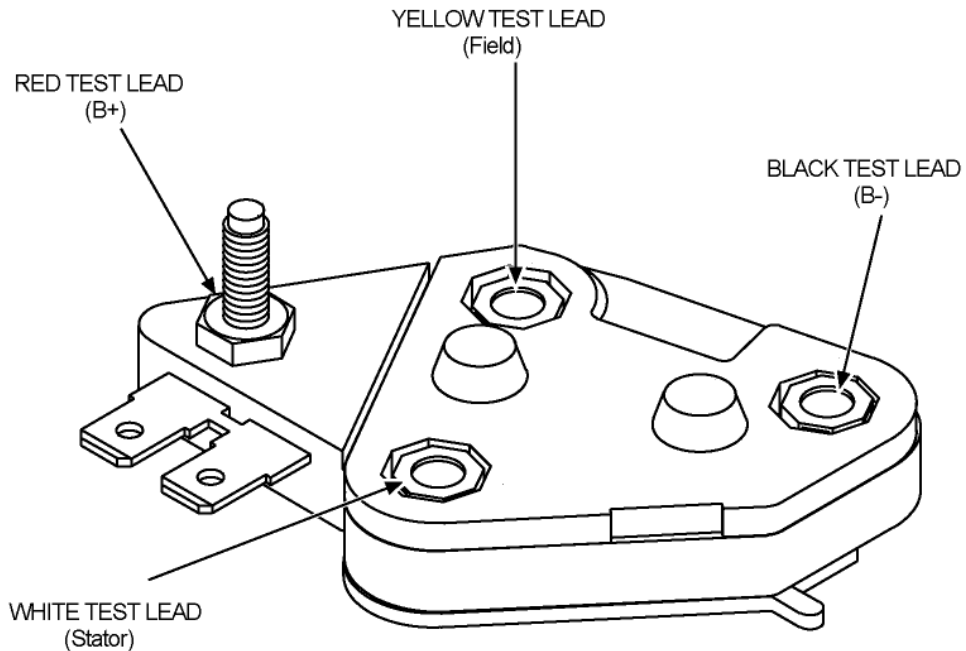


# TRANSPO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D10AC</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>D22AC</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

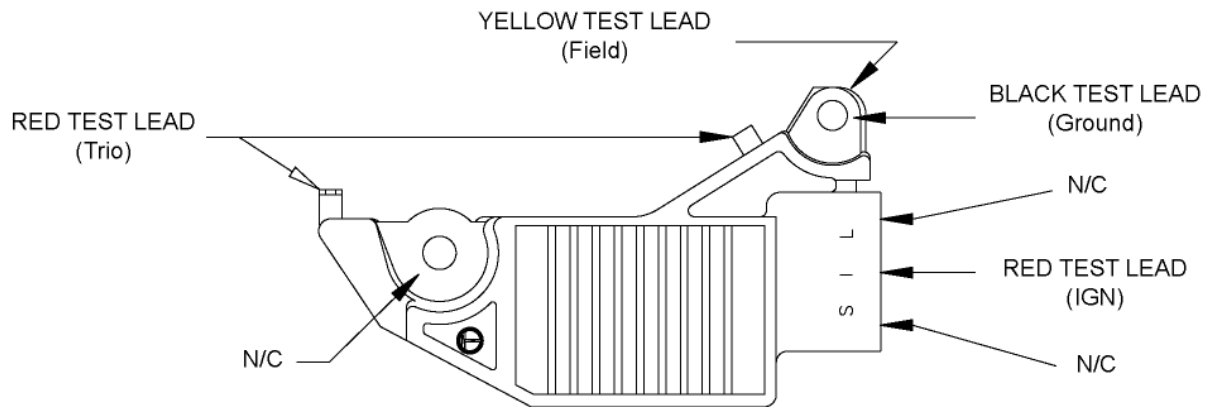


# TRANSCO TESTER INSTRUCTIONS

for       DELCO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D404</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



## TRANSCO TESTER INSTRUCTIONS

for STAR II & STAR III type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D7010</b>	<b>B</b>	<b>6</b>	<b>7.8</b>	<b>D7014</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>D7011</b>	<b>B</b>	<b>6</b>	<b>7.8</b>	<b>D7015</b>	<b>B</b>	<b>24</b>	<b>27.5</b>
<b>D7012</b>	<b>B</b>	<b>8</b>	<b>9.6</b>	<b>D7016</b>	<b>B</b>	<b>24</b>	<b>27.5</b>
<b>D7013</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>D7041</b>	<b>B</b>	<b>6</b>	<b>7.8</b>

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Disconnect white test lead (Stator) from regulator's yellow wire. Field lamp should turn "OFF" and the meter will indicate the original voltage range in step one.

Note: Indicator light will turn "ON" on part numbers: D7011, D7014, D7016, D7041.

<u>Regulator Wire</u>	<u>Test Lead</u>	<u>Function</u>
Color	Color	
Red	Red	Battery Positive
Black	Black	Battery Negative
Green	Yellow	Field
Yellow	White	Stator
Orange	Green	Indicator Light (if applicable)

NOTE: Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volt ranges .

## TRANSPO TESTER INSTRUCTIONS

for STAR II & STAR III type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D7044</b>	<b>B</b>	<b>12</b>	<b>14.7</b>	<b>D7023</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>D7020</b>	<b>B</b>	<b>6</b>	<b>7.8</b>	<b>D7024</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>D7021</b>	<b>B</b>	<b>6</b>	<b>7.8</b>	<b>D7025</b>	<b>B</b>	<b>24</b>	<b>27.5</b>
<b>D7022</b>	<b>B</b>	<b>8</b>	<b>9.6</b>	<b>D7026</b>	<b>B</b>	<b>24</b>	<b>27.5</b>

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Disconnect white test lead (Stator) from regulator's yellow wire. Field lamp should turn "OFF" and the meter will indicate the original voltage range in step one.

Note: Indicator light will turn "ON" on part numbers: D7044, D7021, D7024, D7026.

<u>Regulator Wire</u>	<u>Test Lead</u>	<u>Function</u>
Color	Color	
Red	Red	Battery Positive
Black	Black	Battery Negative
Green	Yellow	Field
Yellow	White	Stator
Orange	Green	Indicator Light (if applicable)

NOTE: Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volt ranges .

## TRANSPO TESTER INSTRUCTIONS

for STAR II & STAR III type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>D7027</b>	<b>B</b>	<b>32</b>	<b>37.5</b>				
<b>D7046</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Disconnect white test lead (Stator) from regulator's yellow wire. Field lamp should turn "OFF" and the meter will indicate the original voltage range in step one.

<u>Regulator Wire</u>	<u>Test Lead</u>	<u>Function</u>
Color	Color	
Red	Red	Battery Positive
Black	Black	Battery Negative
Green	Yellow	Field
Yellow	White	Stator
Orange	Green	Indicator Light (if applicable)

NOTE: Transpo's standard voltage regulator tester offers 12, 24, and 32 volts. However, we also offer testers with additional 6 and 8 volt ranges .

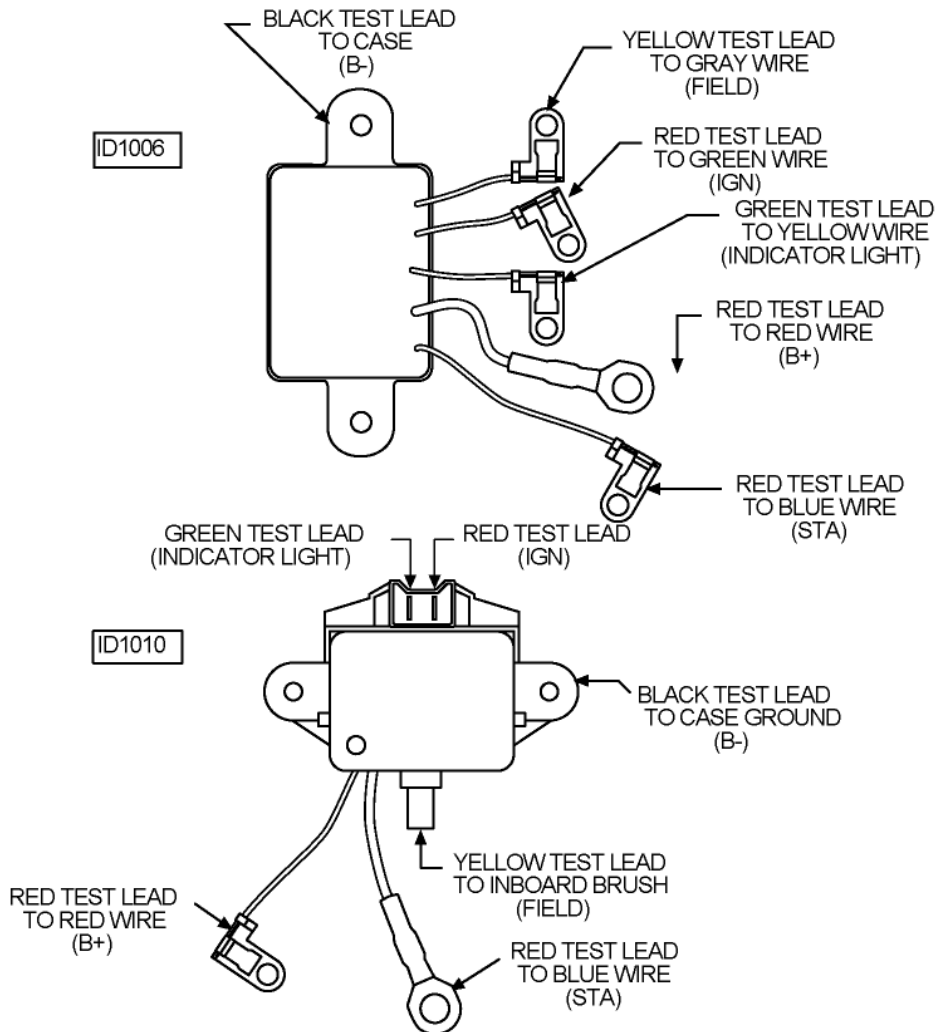


# TRANPO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID1006</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				
<b>ID1010</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from the blue wire of the regulator. Indicator light should turn on and the meter will still indicate the set point voltage.

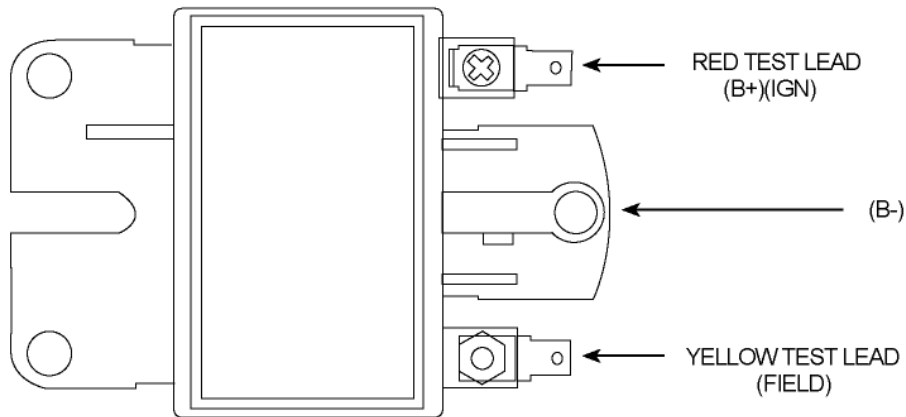


# TRANSPO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID4009</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>ID4009-1</b>	<b>B</b>	<b>12</b>	<b>15</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

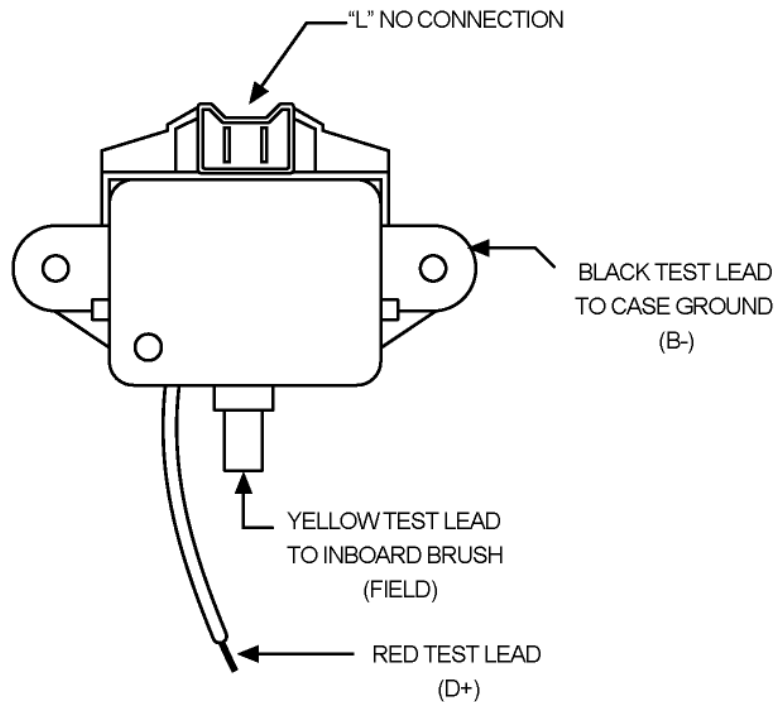


# TRANSCO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID1015</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

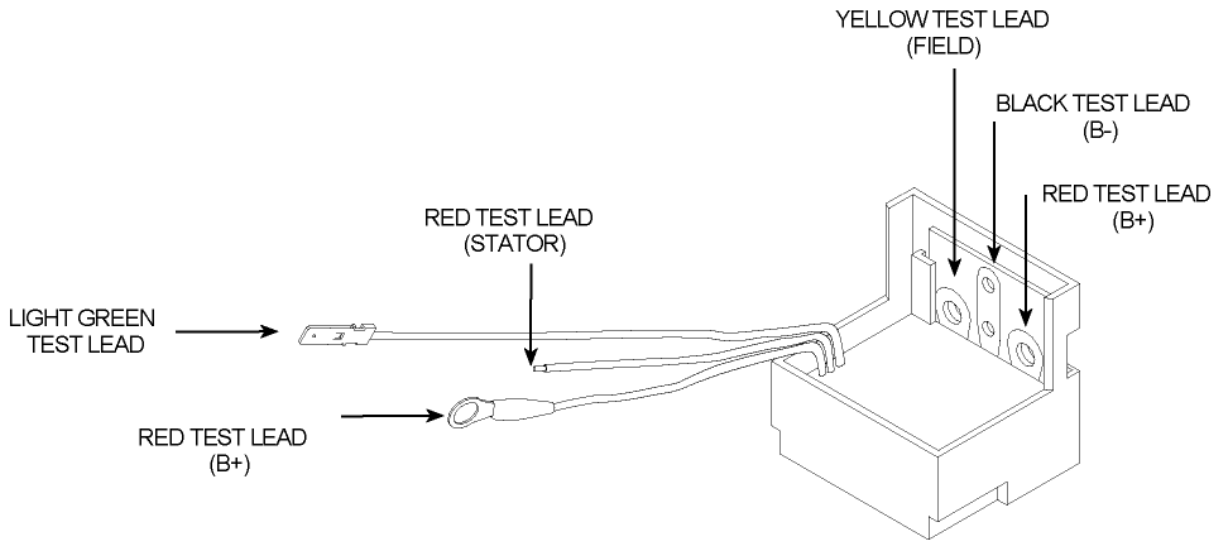


# TRANSPO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID1004</b>	<b>A</b>	<b>14</b>	<b>14.3</b>				
<b>ID1016</b>	<b>A</b>	<b>14</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Disconnect red test lead from stator(blue) wire indicator lamp will come on regulator will continue to read 14.4/14.5 volts. Reconnect stator lead and lamp will go out.

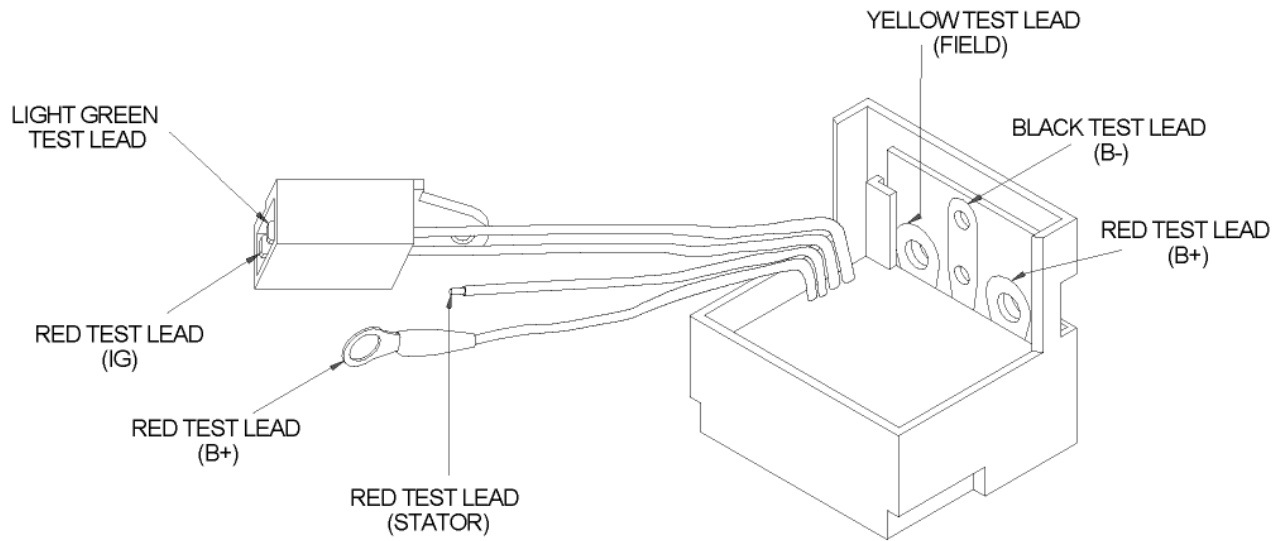


# TRANSPO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID1007</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Disconnect red test lead from stator (blue) wire indicator lamp will come on regulator will continue to read 14.4/14.5 volts. Reconnect stator lead and lamp will go out.

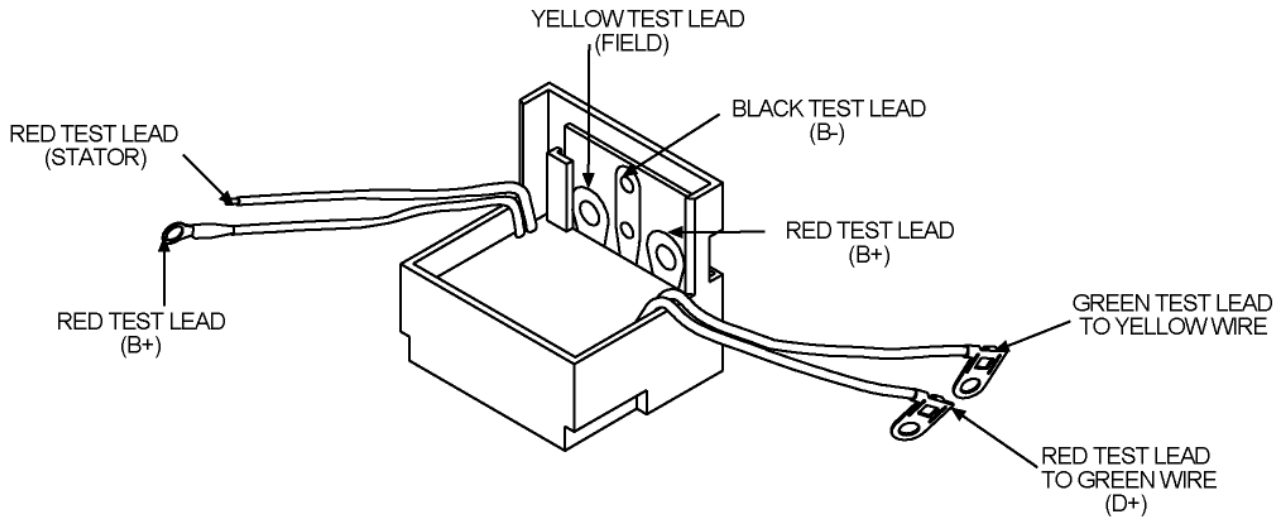


# TRANSCO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID1011</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Disconnect red test lead from stator (blue) wire indicator lamp will come on regulator will continue to read 14.4/14.5 volts. Reconnect stator lead and lamp will go out.

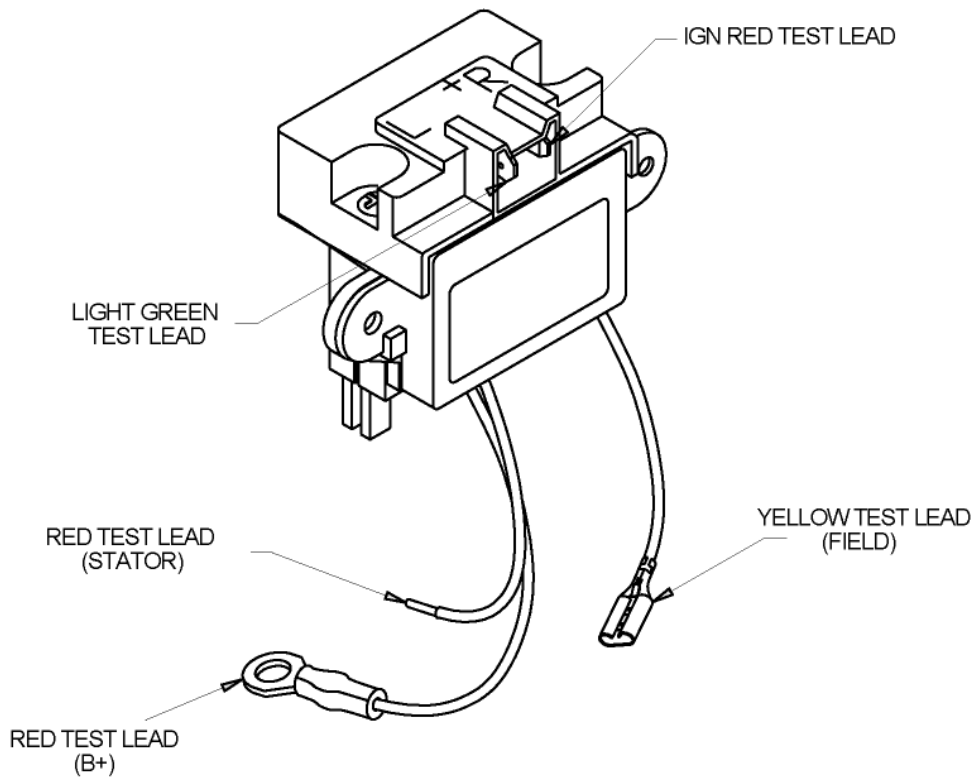


# TRANSPO TESTER INSTRUCTIONS

for           DUCELLIER           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>ID1018</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from the blue wire of the regulator. Indicator light should turn on the meter will still indicate the set point voltage.

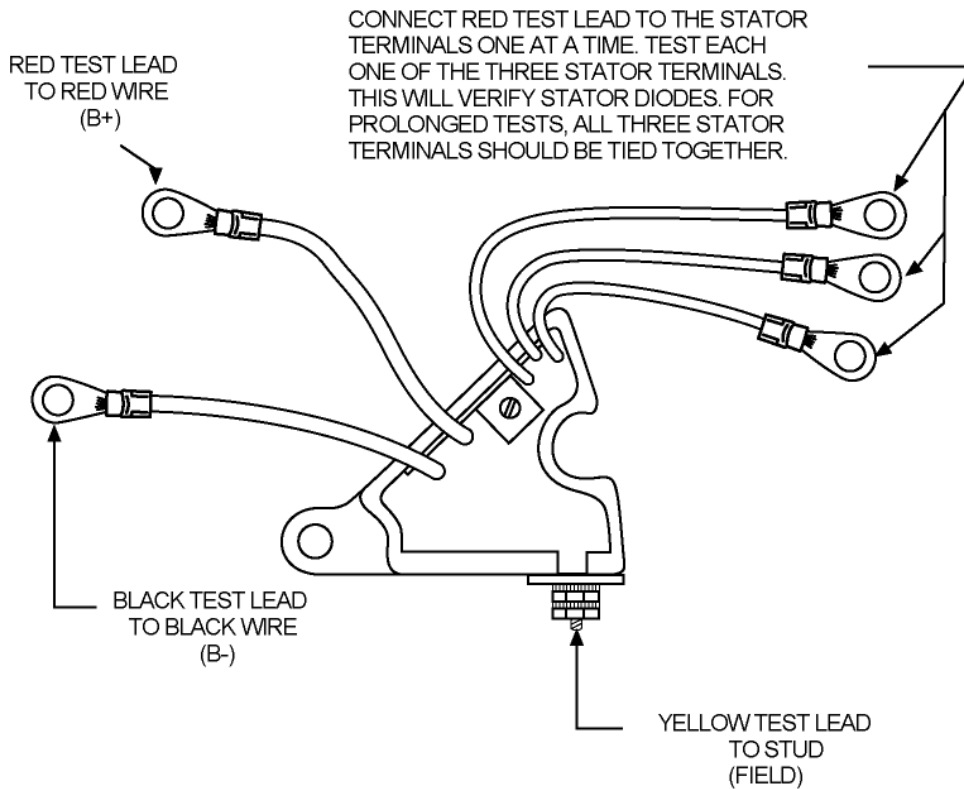


# TRANSPO TESTER INSTRUCTIONS

for     ELECTRODYNE     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>E40060</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>E40070</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>E40080</b>	<b>A</b>	<b>32</b>	<b>37.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Repeat test for each of the regulator's white leads, Results will be the same.





# TRANSPO TESTER INSTRUCTIONS

for     ELECTRODYNE     type regulators

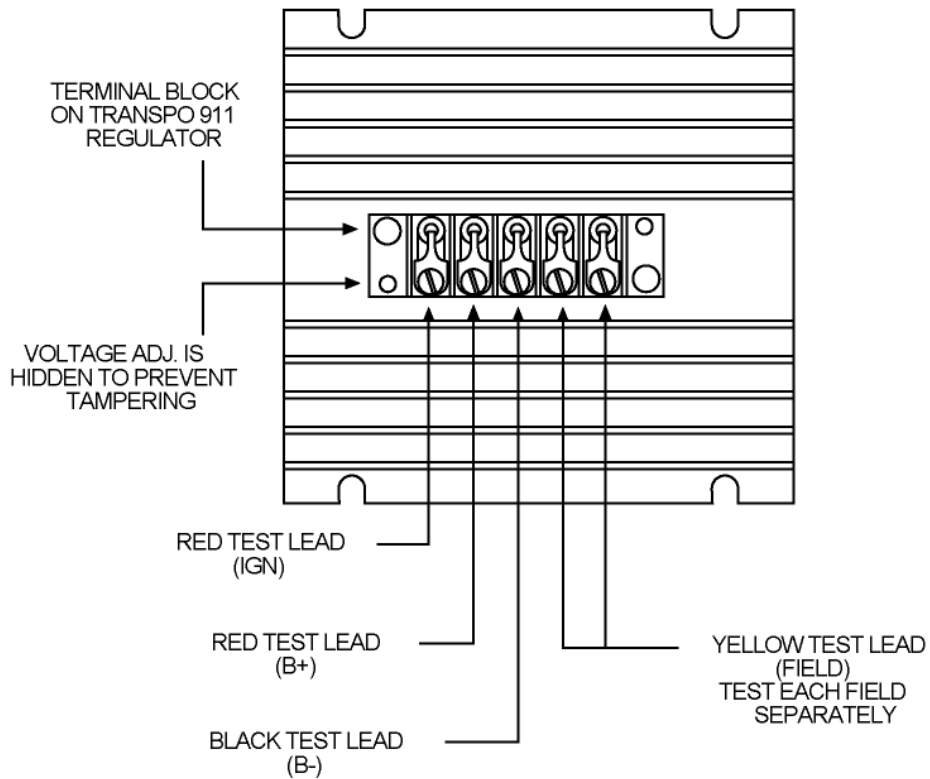
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>E7026HD</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>E7069HD</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "IGN". Field lamp should turn off and the meter will indicate low voltage.

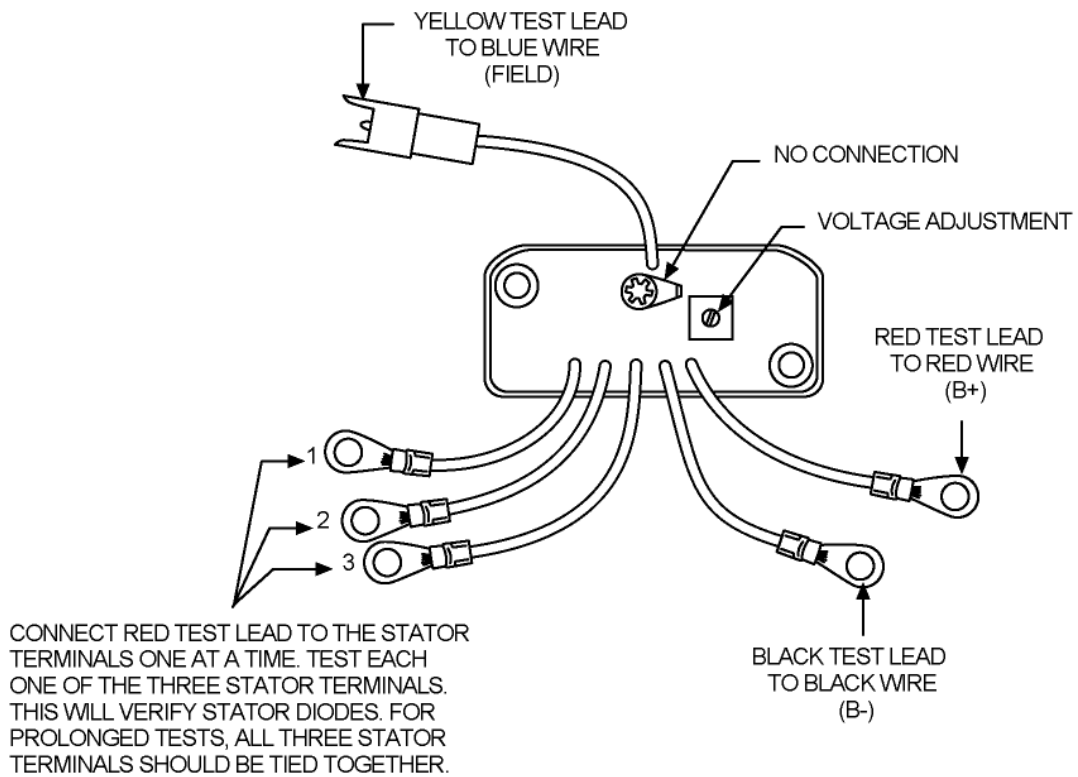


# TRANSCO TESTER INSTRUCTIONS

for     ELECTRODYNE     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>E60040</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>E60050</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>E60030</b>	<b>A</b>	<b>32</b>	<b>37.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Repeat test for each of the regulator's white leads, Results will be the same.

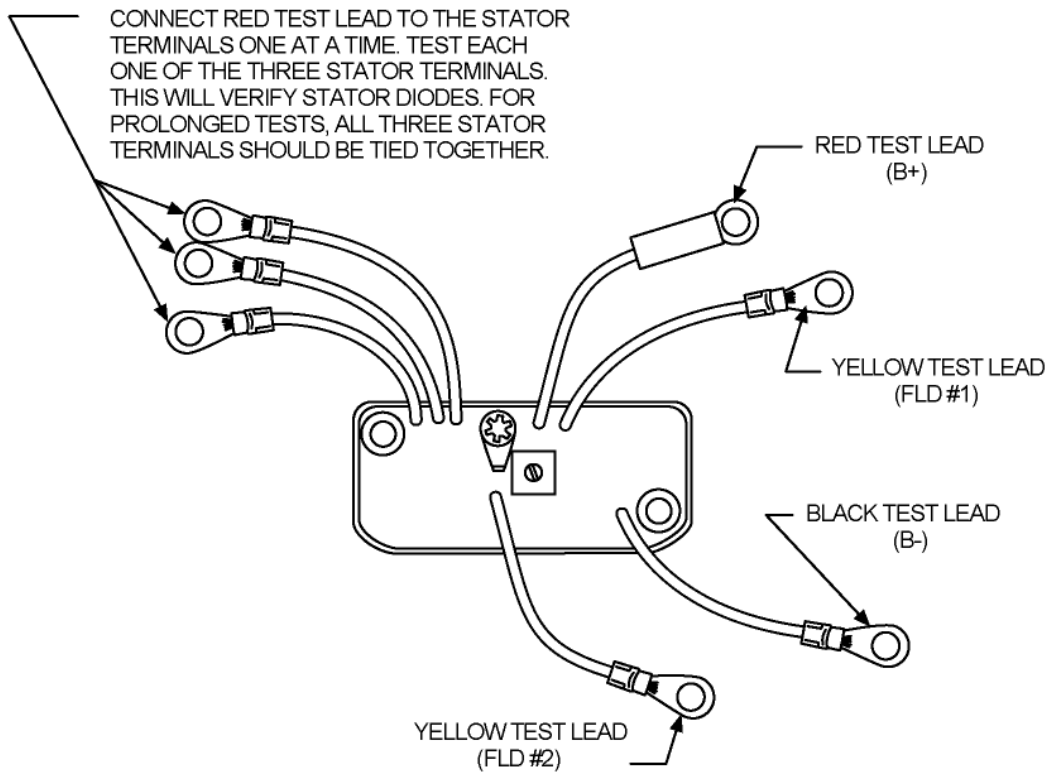


# TRANSPO TESTER INSTRUCTIONS

for     ELECTRODYNE     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>E70260</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>E70690</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Repeat test for each of the regulator's white leads. Disconnect yellow test lead from FLD #1 and repeat test on FLD #2 . Results will be the same.

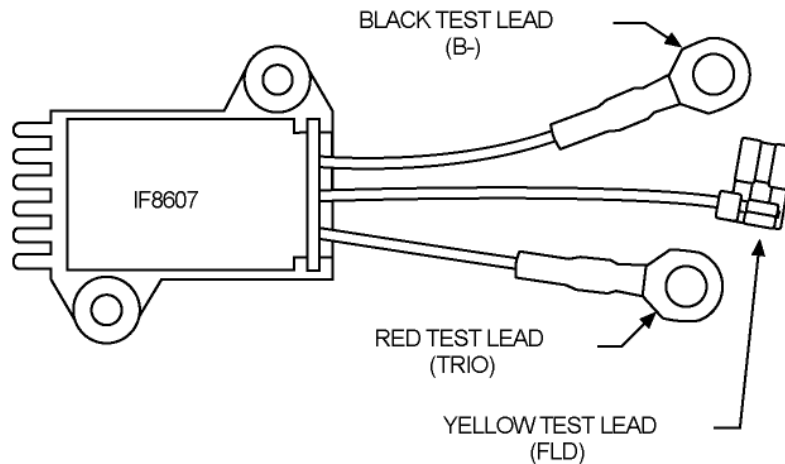
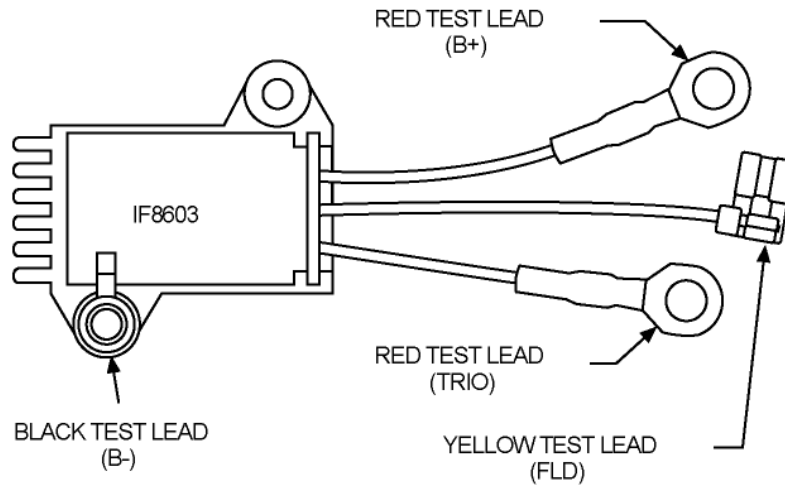


# TRANSPO TESTER INSTRUCTIONS

for       FEMSA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IF8603</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				
<b>IF8607</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

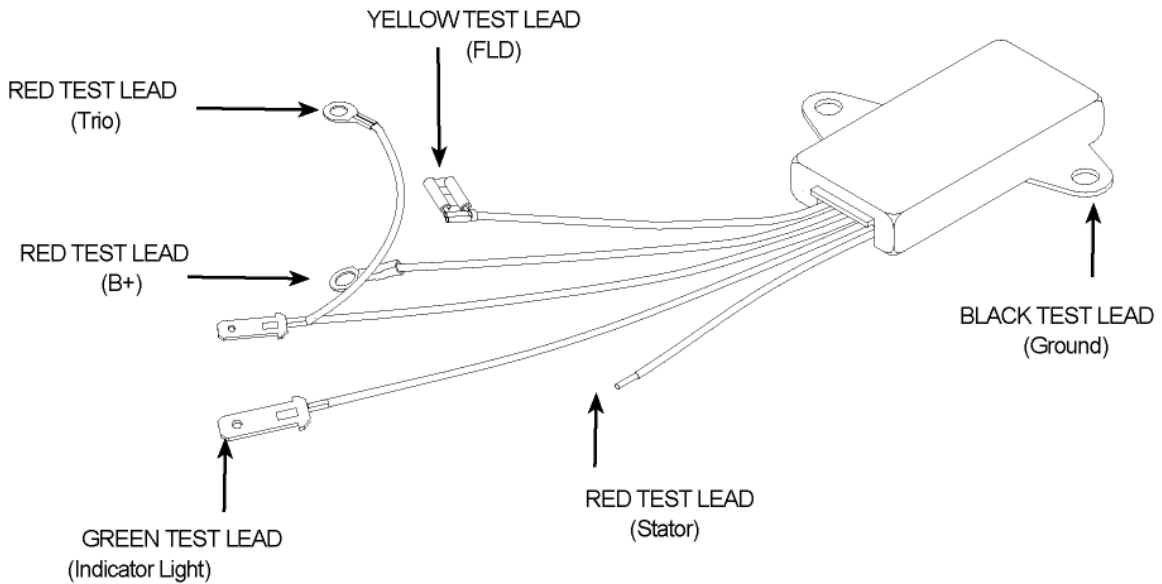


# TRANSCO TESTER INSTRUCTIONS

for       FEMSA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IF5442</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red lead from terminal marked stator. Indicator light will come on, reconnect. Light shuts off.

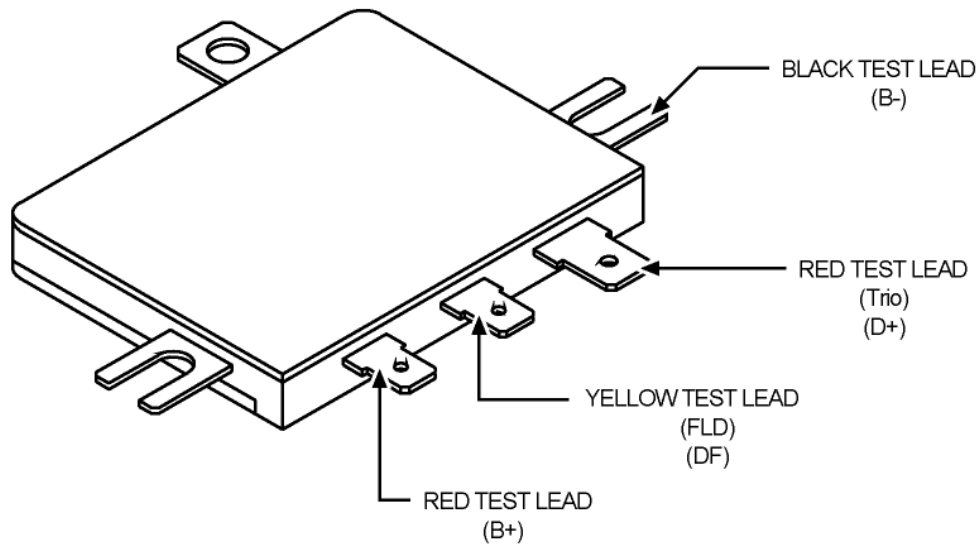


# TRANSPO TESTER INSTRUCTIONS

for     FEMSA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IF1692</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



# TRANSPO TESTER INSTRUCTIONS

for       FORD       type regulators

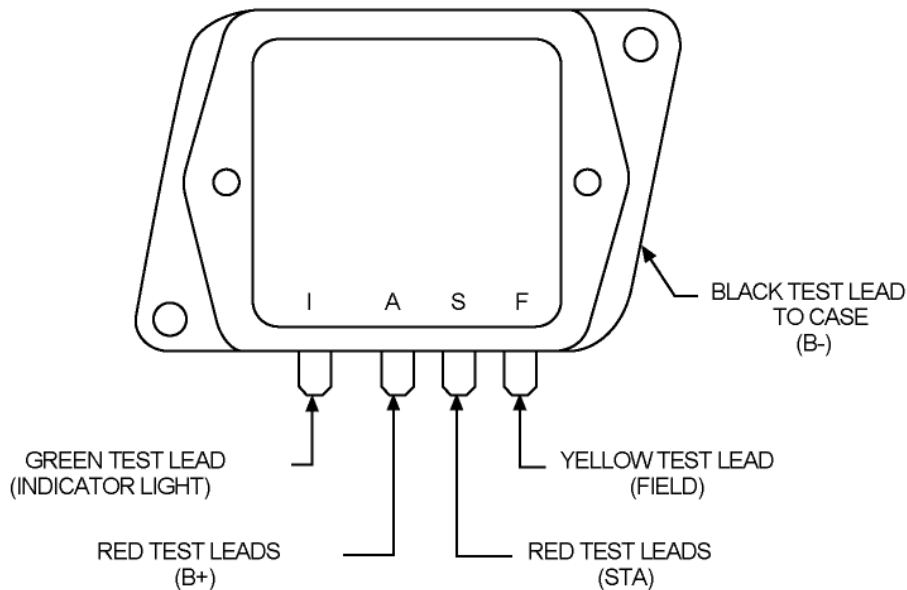
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F540</b>	<b>B</b>	<b>12</b>	<b>14.3</b>	<b>F540SP</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>F540HD</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>F540XHD</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>F540S</b>	<b>B</b>	<b>12</b>	<b>14.3</b>	<b>F782</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>F540SLD</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>F783</b>	<b>B</b>	<b>12</b>	<b>14.3</b>

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red lead from terminal marked "S". Indicator light should turn on and meter will still indicate set point voltage. Removal of test lead from "S" and "I" terminal will result in the field lamp turning off and the meter reading 12V. On Mechanical type regulators (F8512M), the "short circuit" light will also turn on due to the regulator's internal circuitry. Limit this test to a short time.



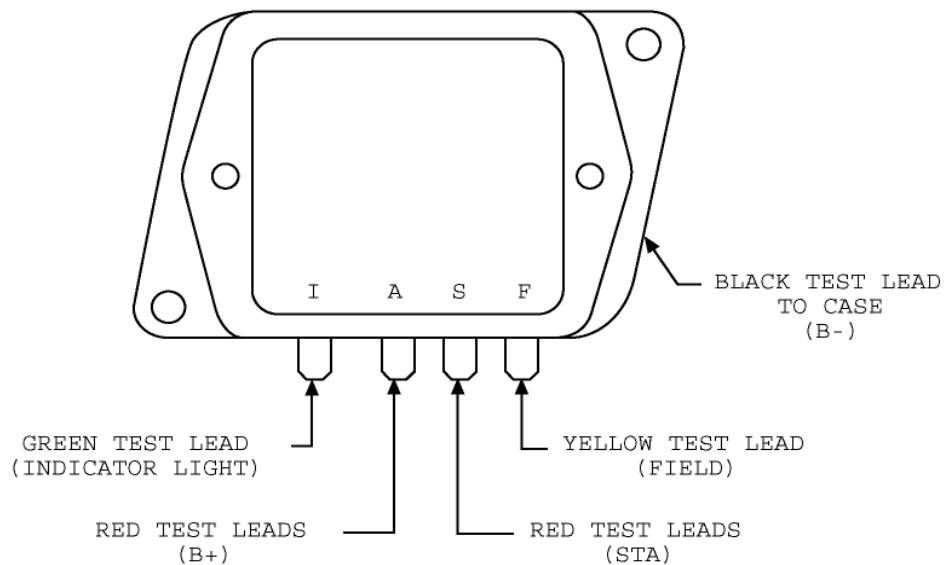
\* NOTE: NO CONNECTION ON ORANGE WIRE OF F783

# TRANSPO TESTER INSTRUCTIONS

for         FORD         type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F8512	B	12	14.2				
F8512M	B	12	14.3				
F8512S	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Indicator light should turn on meter will still indicate set point voltage. Removal of test lead from "S" and "I" terminal will result in the field lamp turning off and the meter reading 12v. On mechanical type on due to the regulator's internal circuitry. Limit this test to a short time.





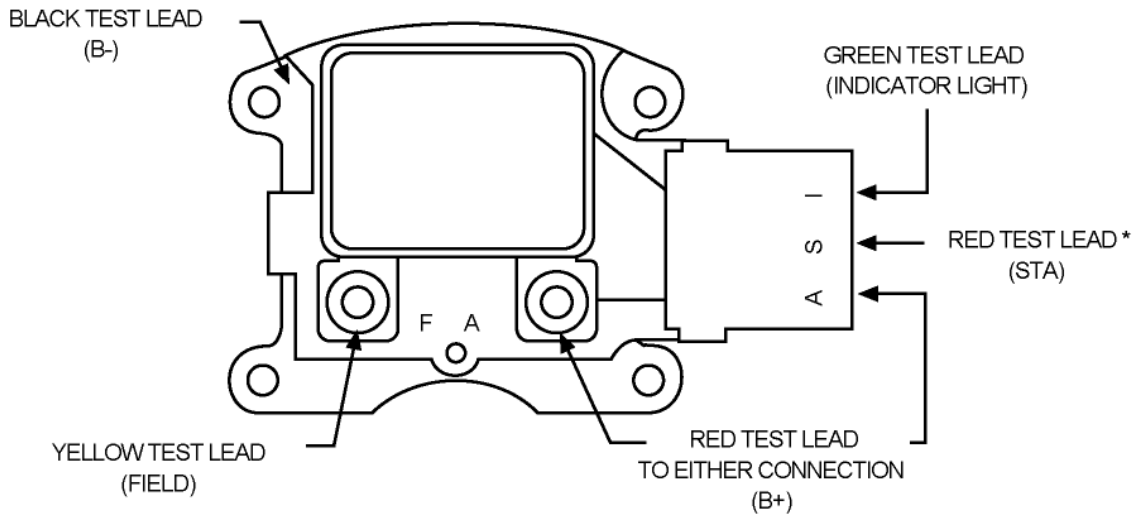
# TRANSPO TESTER INSTRUCTIONS

for       FORD       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F784</b>	<b>A</b>	<b>12</b>	<b>14.6</b>	<b>F785</b>	<b>A</b>	<b>12</b>	<b>14.6</b>
<b>F784HD</b>	<b>A</b>	<b>12</b>	<b>14.6</b>	<b>F786</b>	<b>A</b>	<b>12</b>	<b>14.6</b>
<b>F794</b>	<b>A</b>	<b>12</b>	<b>14.6</b>	<b>F794B</b>	<b>A</b>	<b>12</b>	<b>14.6</b>
<b>F784B</b>	<b>A</b>	<b>12</b>	<b>14.6</b>	<b>F795</b>	<b>A</b>	<b>12</b>	<b>14.6</b>

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Indicator light should turn on and the meter will still indicate the set point voltage. Removal of test of leads from "S" and "I" will result in field lamp turning off and the meter reading 12V.

NOTE: On Transpo's F786 & F795 connect white test lead to terminal marked "S".

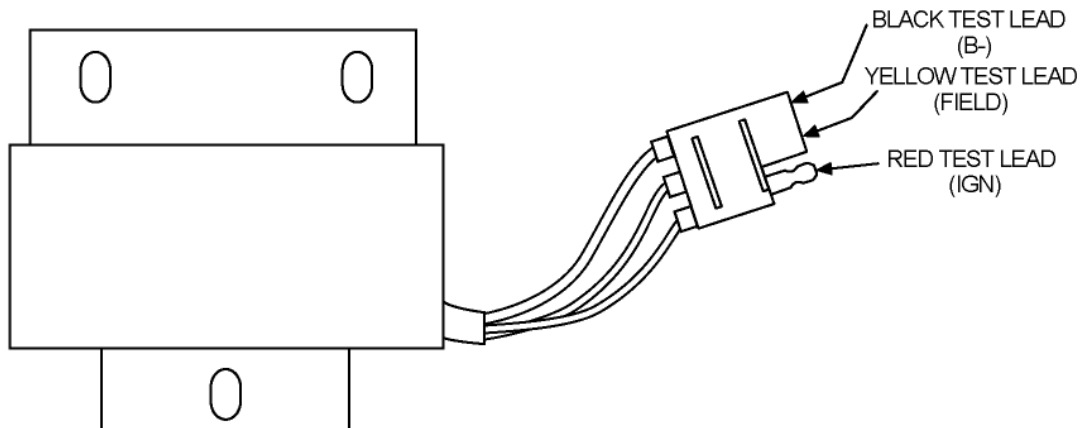


# TRANSPO TESTER INSTRUCTIONS

for FORD type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
F374	B	12	14.2				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**



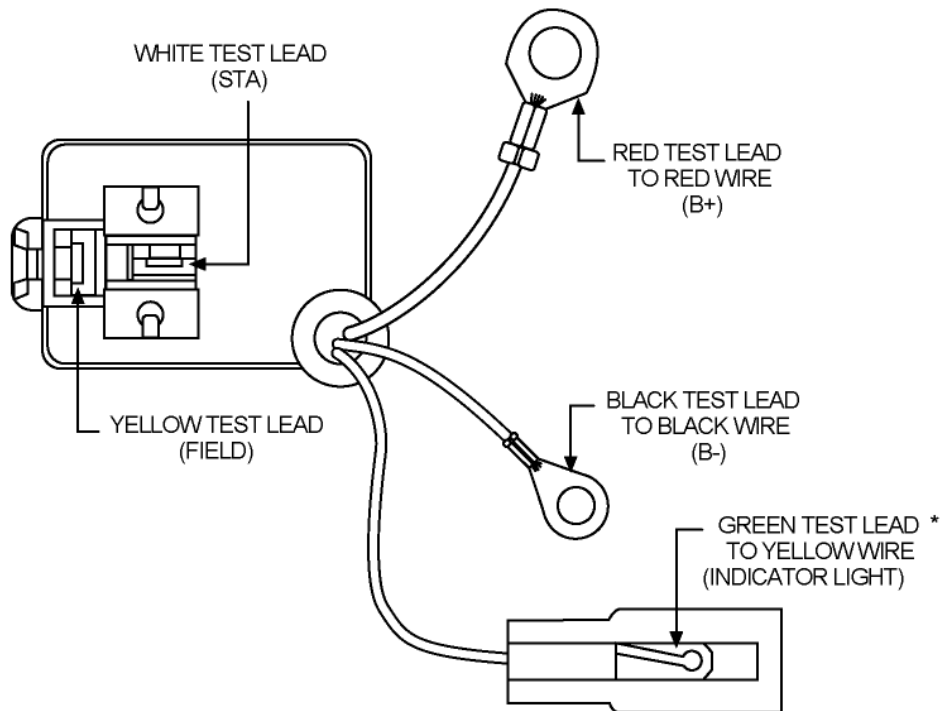
# TRANSPO TESTER INSTRUCTIONS

for         FORD         type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F733</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>F733L</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "stator". Field lamp should turn off and the meter will indicate low voltage. On F733L regulator, removal of white test lead will result in indicator light turning on.

\* NOTE: No Yellow wire for F733

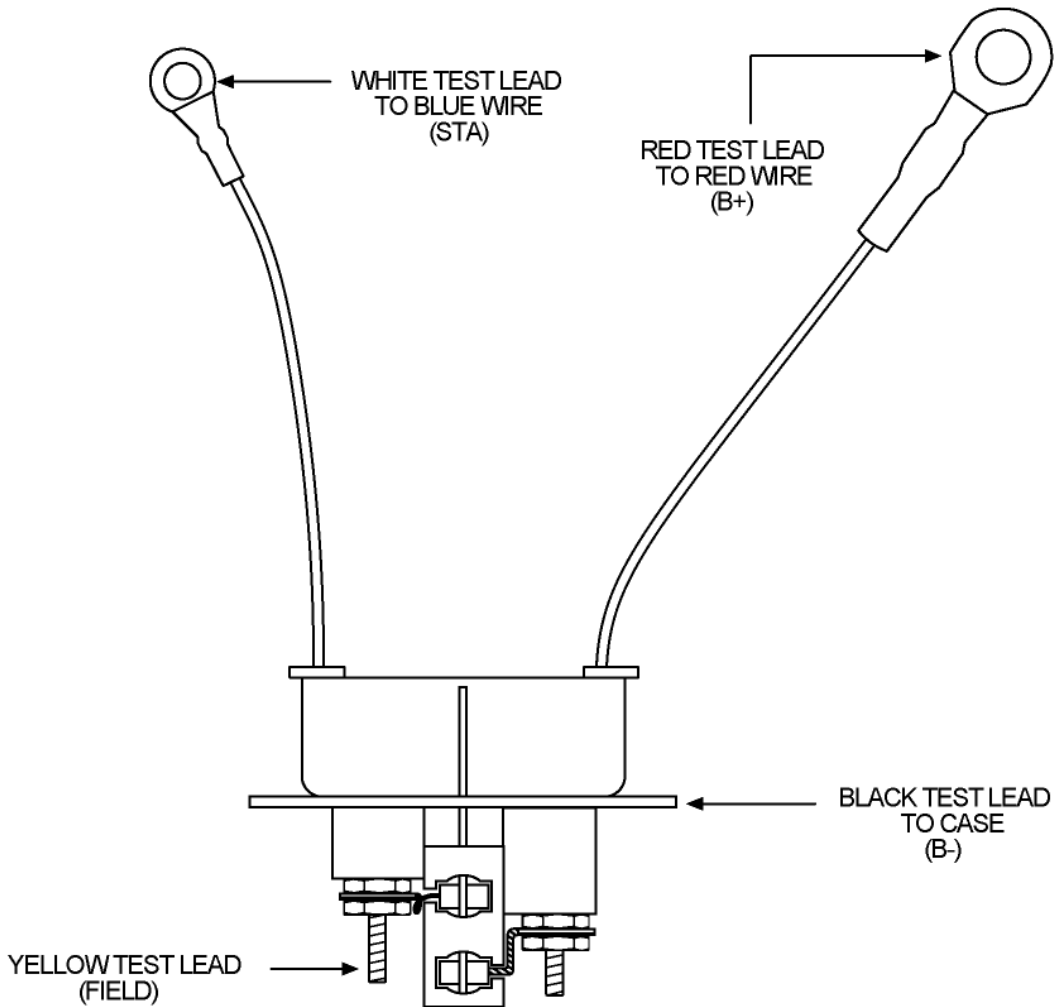


# TRANSPO TESTER INSTRUCTIONS

for         FORD         type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>FB123</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>FB303</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>FB309</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white test lead from blue wire of the regulator. Field lamp should turn off and the meter will indicate 12V.

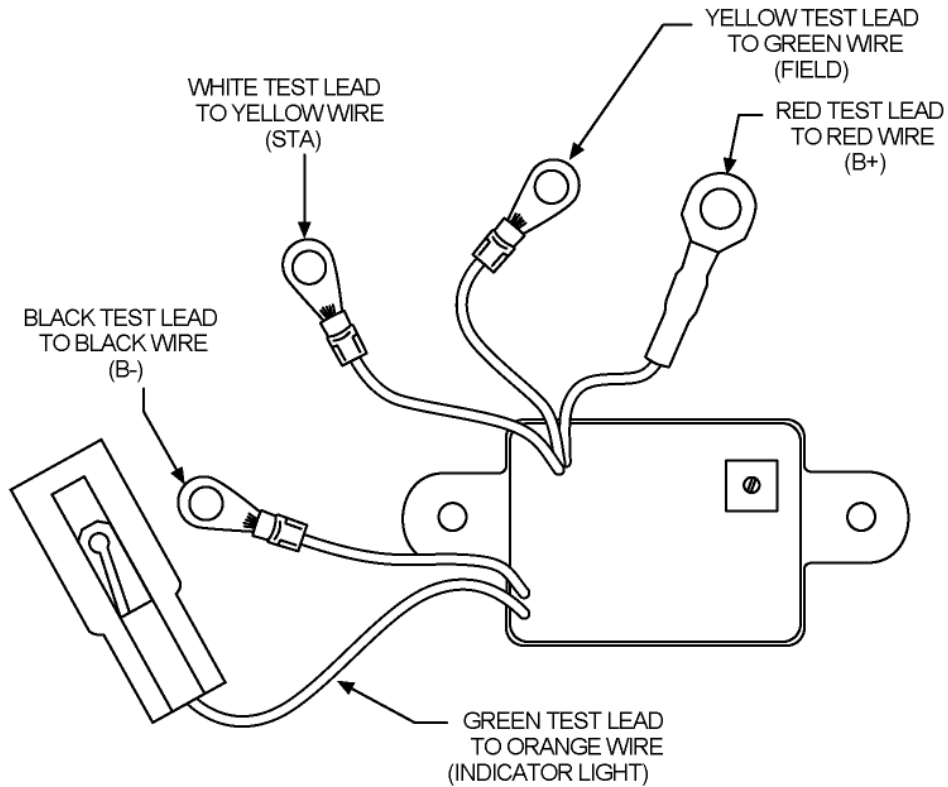


# TRANSPO TESTER INSTRUCTIONS

for       FORD       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F7078</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked " Stator". Field lamp should turn off, indicator light will turn on and the meter will indicate low voltage.

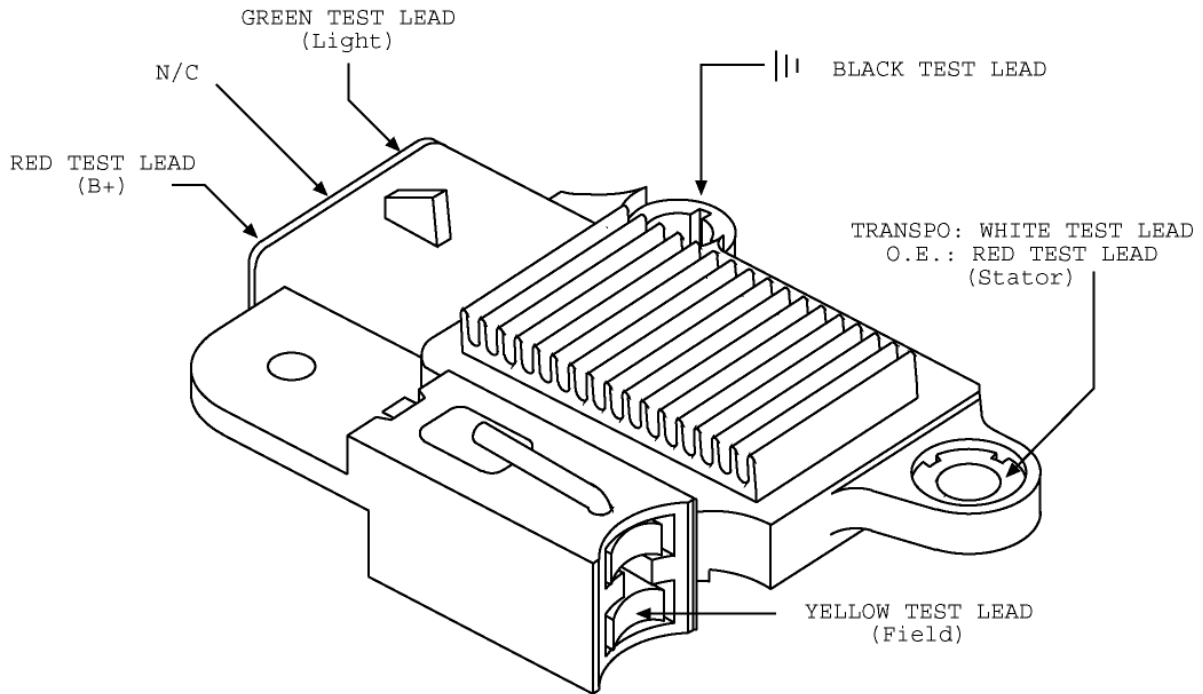


# TRANSCO TESTER INSTRUCTIONS

for     FORD     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F796</b>	<b>A</b>	<b>12.0</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

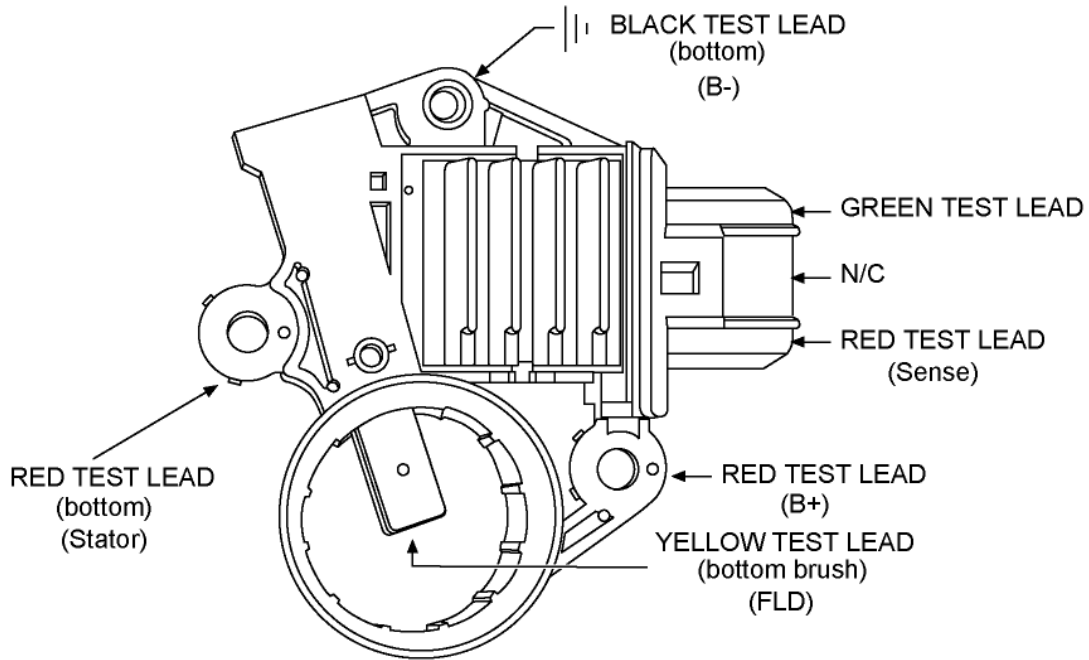


# TRANSCO TESTER INSTRUCTIONS

for     FORD     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F600</b>	<b>A</b>	<b>12.0</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator", field light stays on, voltage drops to 12.0 volt and indicator light turns on. Remove green test lead from "Light" terminal, field light and 12.0 volt light turn off.

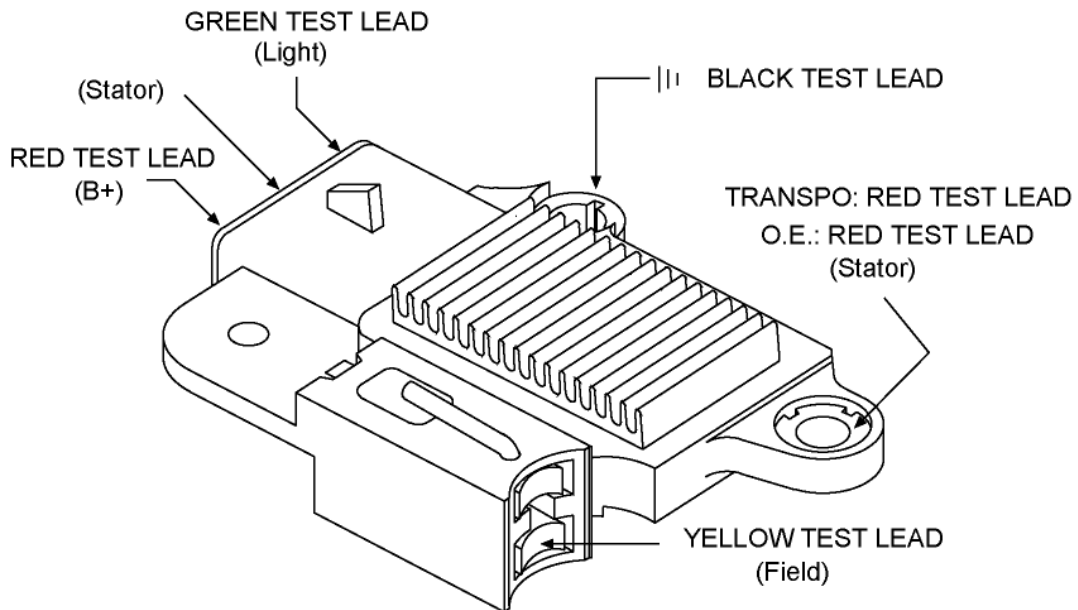


# TRANSPO TESTER INSTRUCTIONS

for     FORD     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F798</b>	<b>A</b>	<b>12.0</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from stator and voltage will remain the same and 12 volt lamp will come on.



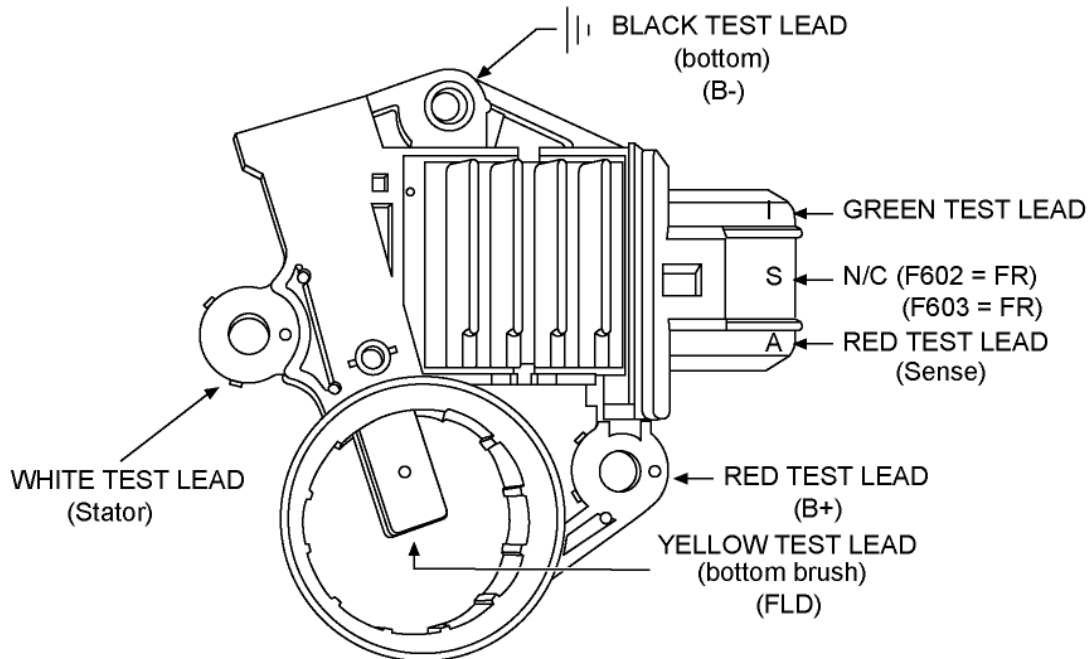


# TRANSCO TESTER INSTRUCTIONS

for       FORD       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F602</b>	<b>A</b>	<b>12.0</b>	<b>14.4</b>				
<b>F603</b>	<b>A</b>	<b>12.0</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
- 3. ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator", field light stays on, voltage drops to 12.0 volt and indicator light turns on. Remove green test lead from "Light" terminal, field light and 12.0 volt light turn off.



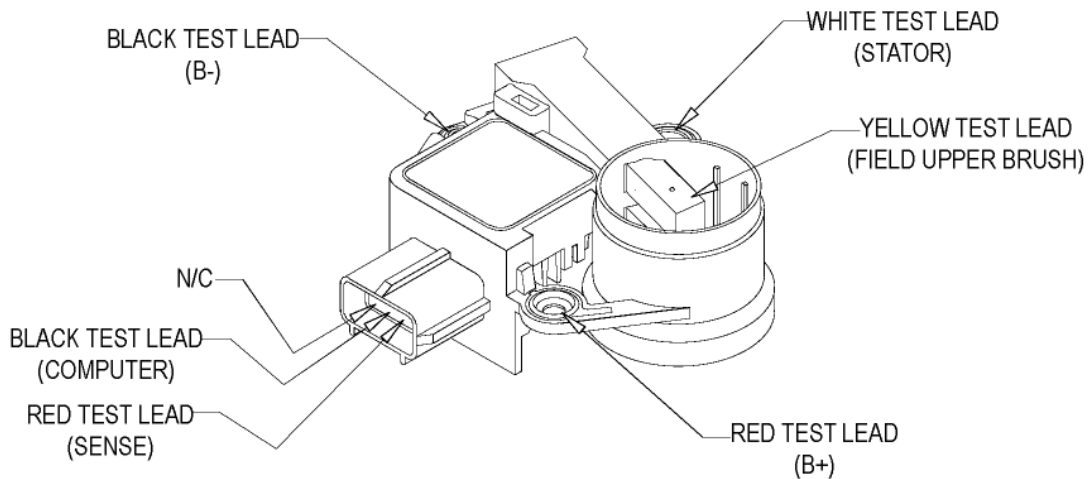
# TRANSPO TESTER INSTRUCTIONS

for     FORD     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>F601</b>	<b>A</b>	<b>12</b>	<b>13.9</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove Red test lead from terminal marked Sense voltage will go up to 14.5volts. Remove Black wire from terminal marked "Computer" regulator will stop working.

Note: Set Point 13.9 Default voltage test only. For full-function testing a special adapter box is needed.

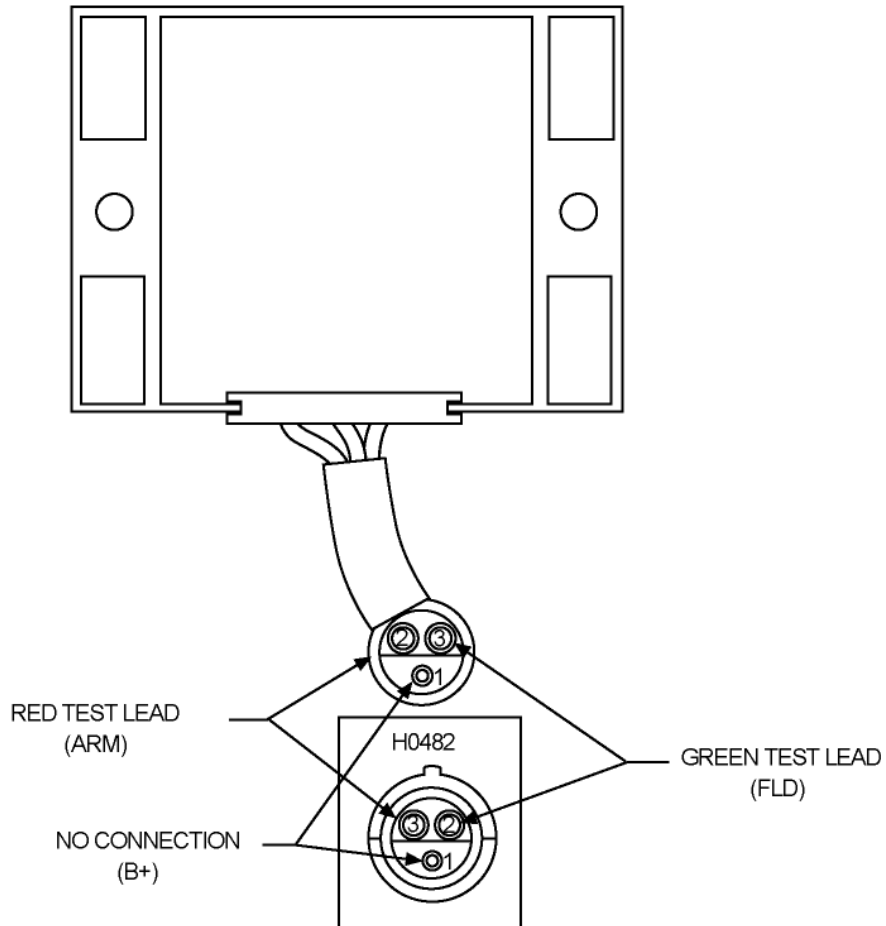


# TRANSPO TESTER INSTRUCTIONS

for       HARLEY       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>H0478</b>	<b>A</b>	<b>12</b>	<b>15.1</b>				
<b>H0482</b>	<b>A</b>	<b>12</b>	<b>15.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



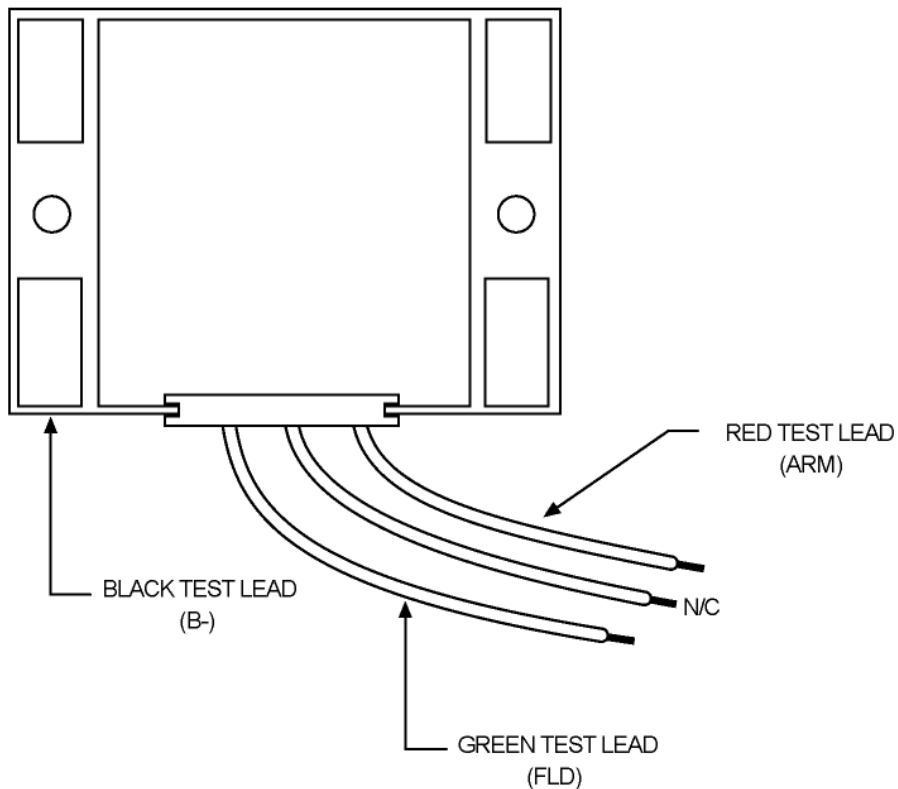
# TRANPO TESTER INSTRUCTIONS

for       HARLEY       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>H606</b>	<b>A</b>	<b>6</b>	<b>7.5</b>				
<b>H614</b>	<b>A</b>	<b>12</b>	<b>15.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: Transpo's standard voltage regulator tester offers 12, 24 and 32 volts. However, we also offer testers with additional 6 and 8 volt ranges.

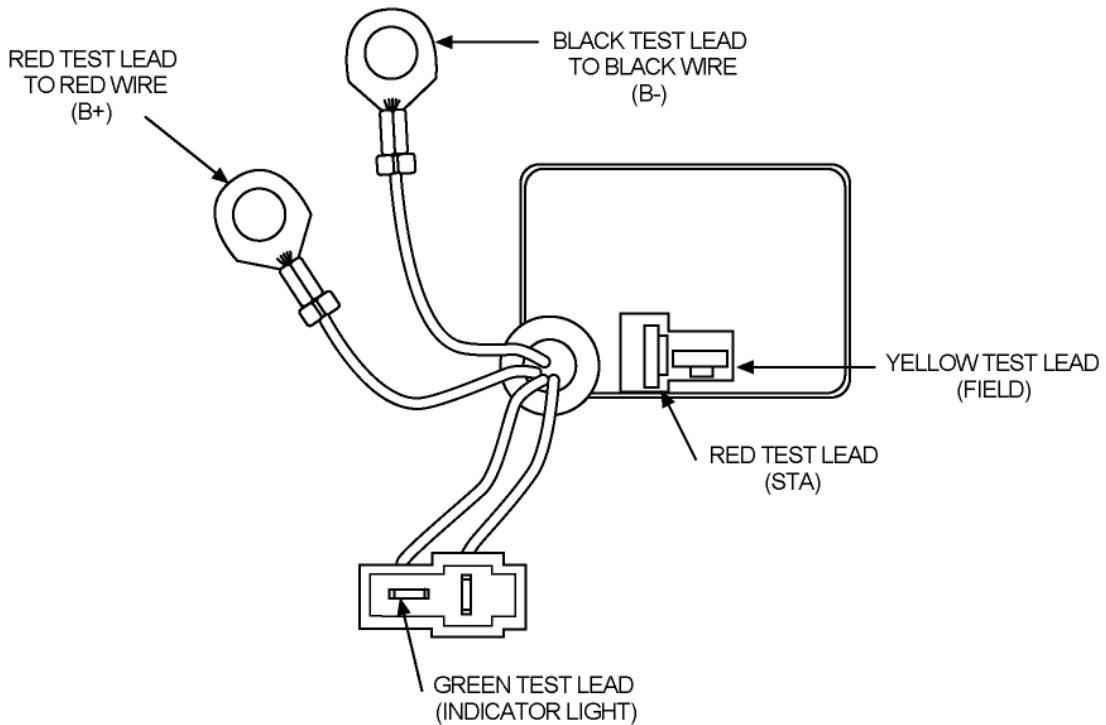


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH605</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from the terminal marked "STA". Warning light will turn on and meter should set point voltage.

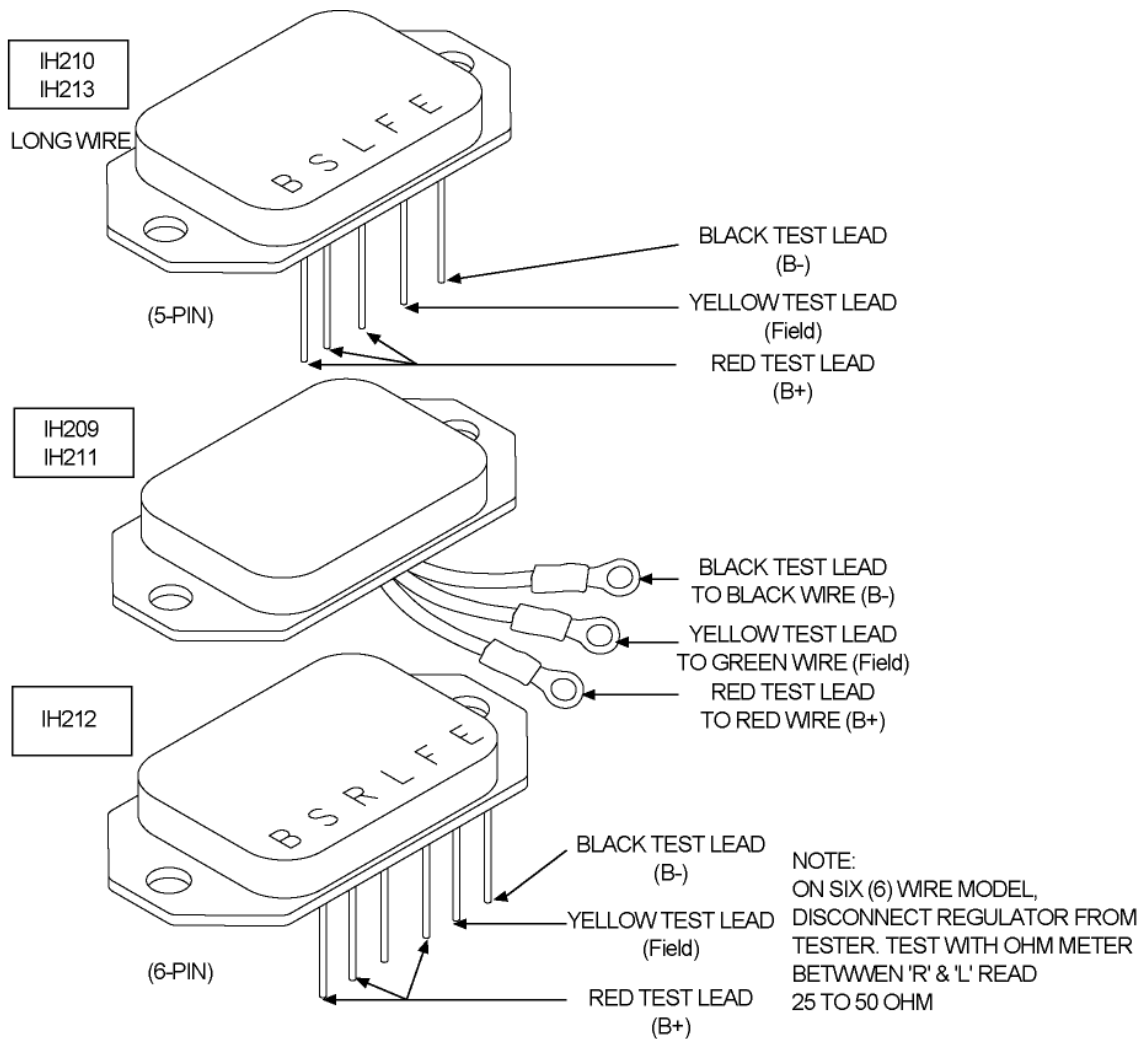


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH209	A	12	14.7	IH212	A	12	14.3
IH210	A	12	14.3	IH213	A	12	14.3
IH210HD	A	12	14.2				
IH211	A	12	14.7				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

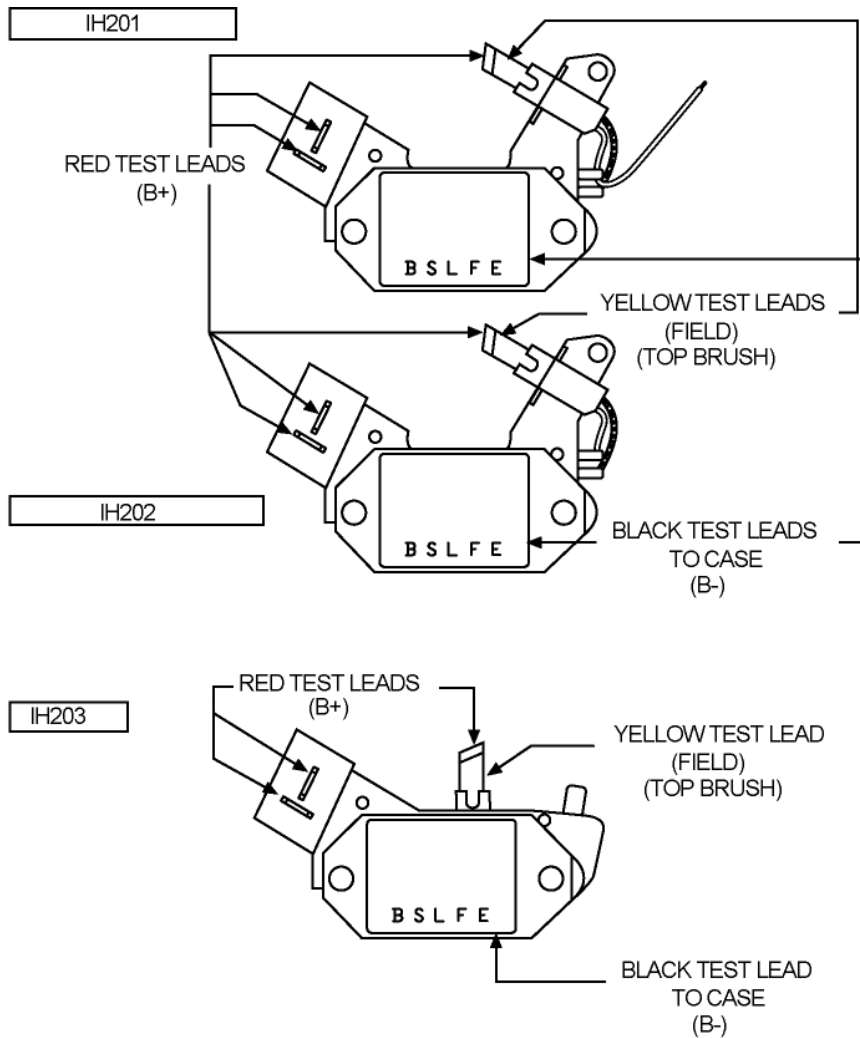


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH201</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				
<b>IH202</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				
<b>IH203</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

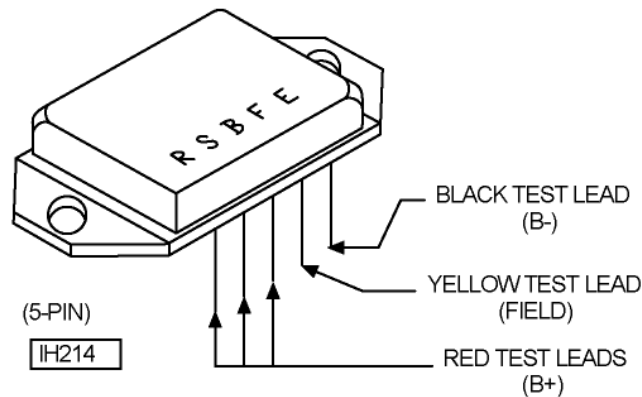
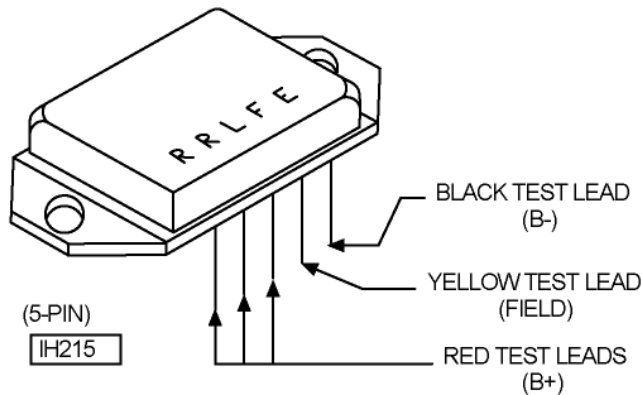


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH214	A	12	14.4				
IH215	A	12	14.2				
IH707	A	24	28.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



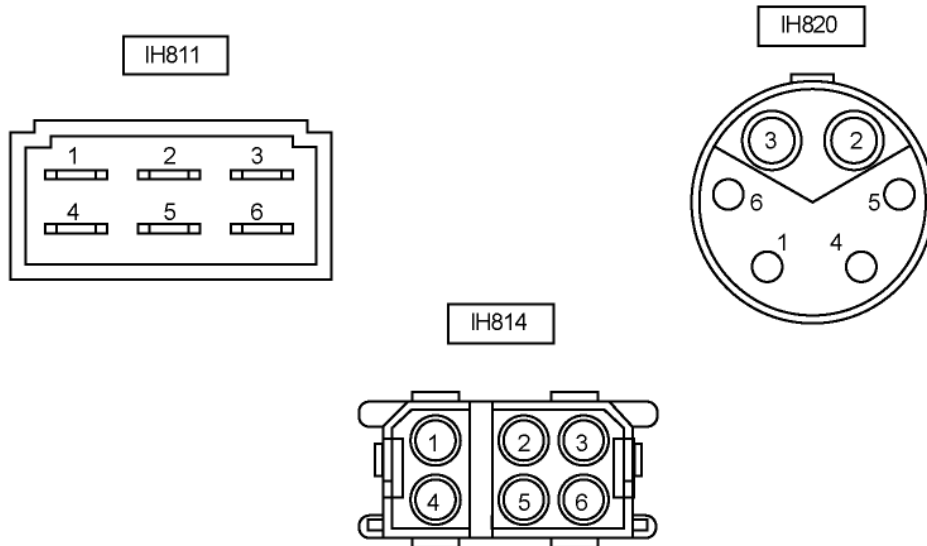


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH811	B	12	14.3				
IH814	B	12	14.3				
IH820	B	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove test lead from terminal marked "STA" Indicator light should turn on and the meter will still indicate the set point voltage.



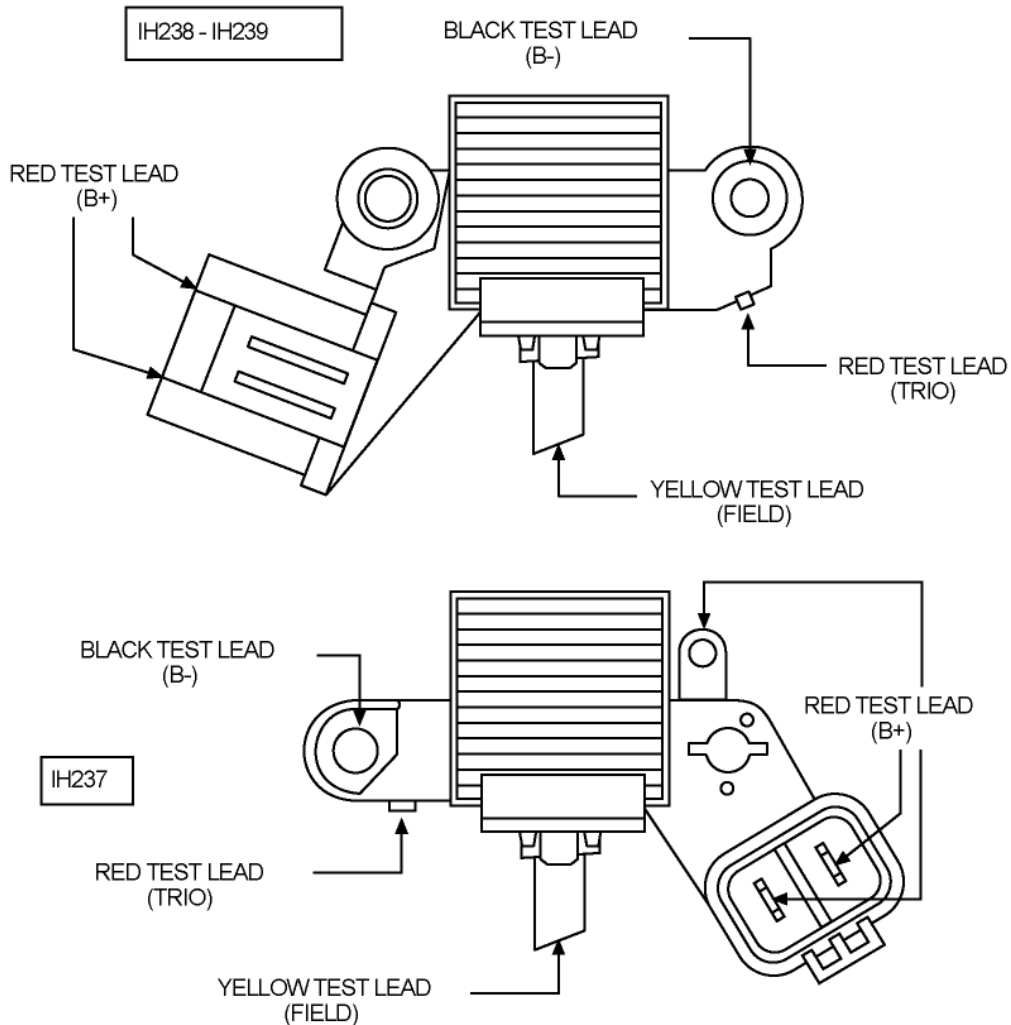
- \* NOTES:
- 1 - RED TEST LEAD (STA)
  - 2 - RED TEST LEAD (B+)
  - 3 - GREEN TEST LEAD (I.L.)
  - 4 - BLACK TEST LEAD (B-)
  - 5 - YELLOW TEST LEAD (FLD)
  - 6 - RED TEST LEAD (IGN)

# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH237	A	12	14.6				
IH238	A	12	14.6				
IH239	A	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.

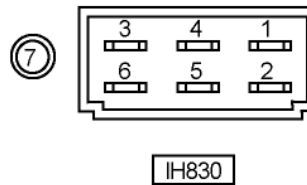
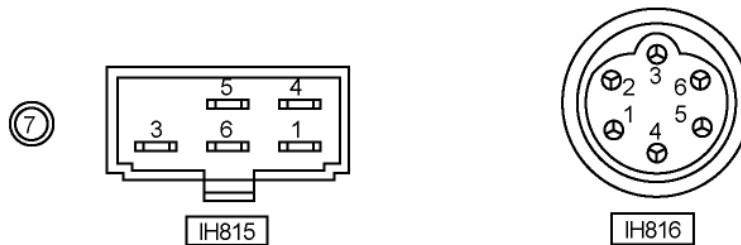


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH833</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove test lead from terminal marked "STA". Indicator light should turn on and the meter will still indicate the set point voltage.



- NOTES:
- 1 - RED TEST LEAD (STA)
  - 2 - RED TEST LEAD (B+)
  - 3 - GREEN TEST LEAD (I.L.)
  - 4 - BLACK TEST LEAD (B-)
  - 5 - YELLOW TEST LEAD (FLD)
  - 6 - RED TEST LEAD (IGN)
  - 7 - NO CONNECTION

# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

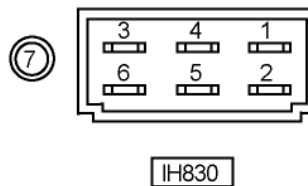
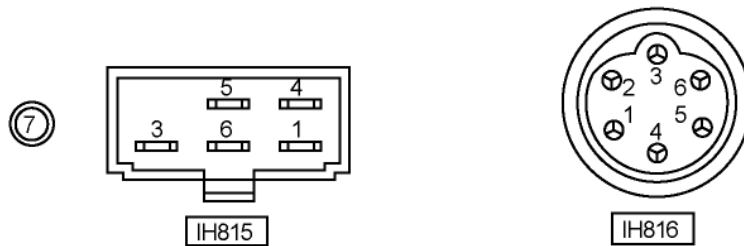
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH815</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				
<b>IH816</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				
<b>IH830</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove test lead from terminal marked "STA" Indicator light should turn on and the meter will still indicate the set point voltage.



**NOTES:**

- 1 - RED TEST LEAD (STA)
- 2 - RED TEST LEAD (B+)
- 3 - GREEN TEST LEAD (I.L.)
- 4 - BLACK TEST LEAD (B-)
- 5 - YELLOW TEST LEAD (FLD)
- 6 - RED TEST LEAD (IGN)
- 7 - NO CONNECTION

# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

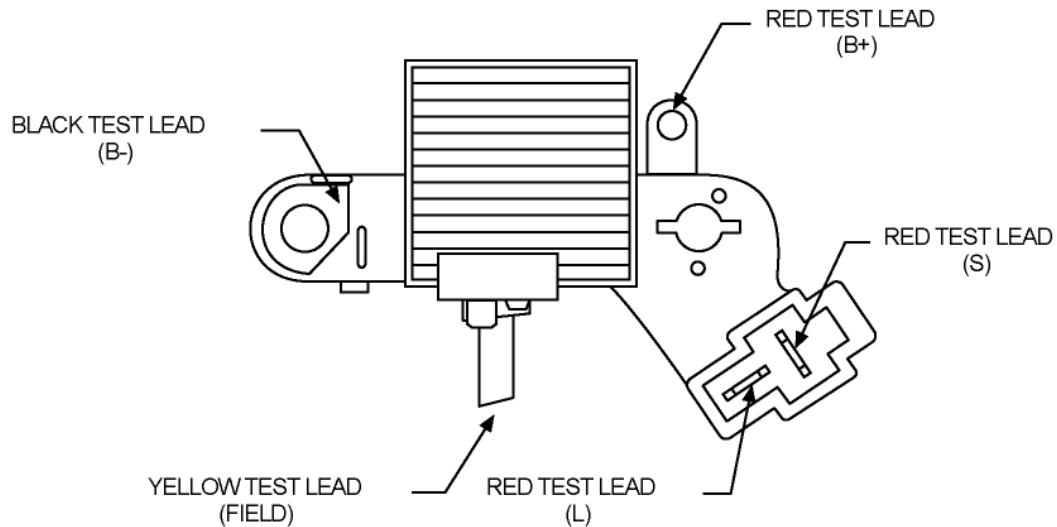
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH240</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "S" Field lamp should still blink and the meter will indicate approximately 15.5V.

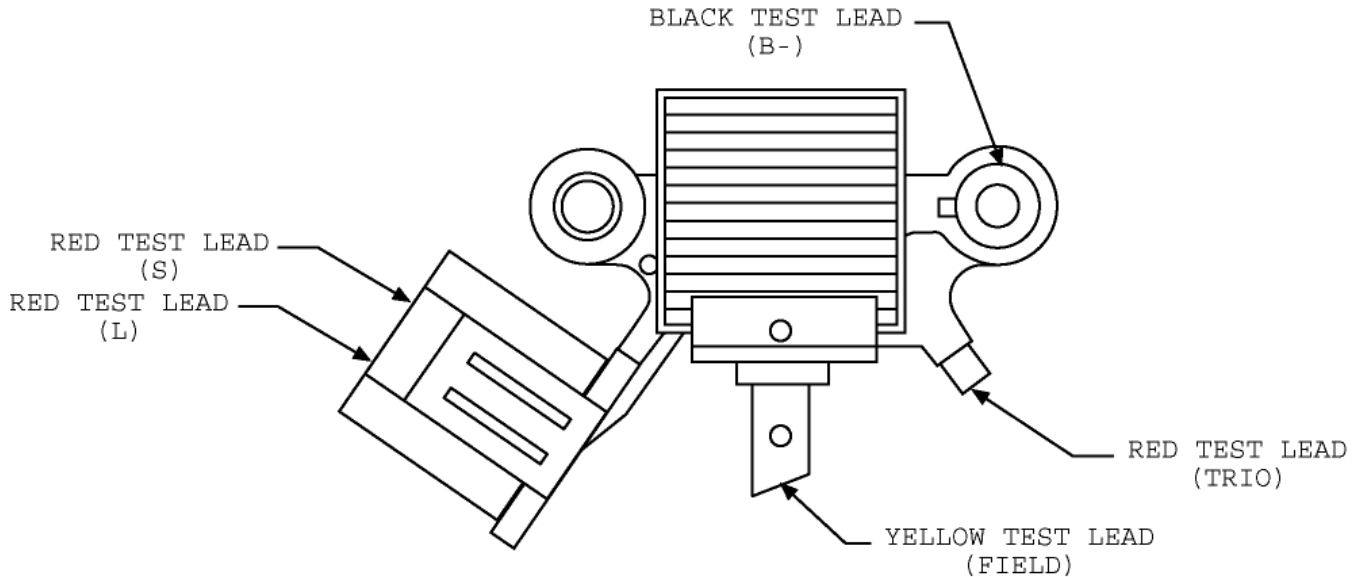


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH245</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal "S" Field lamp should still blink and the meter will indicate approximately 15.5 V.

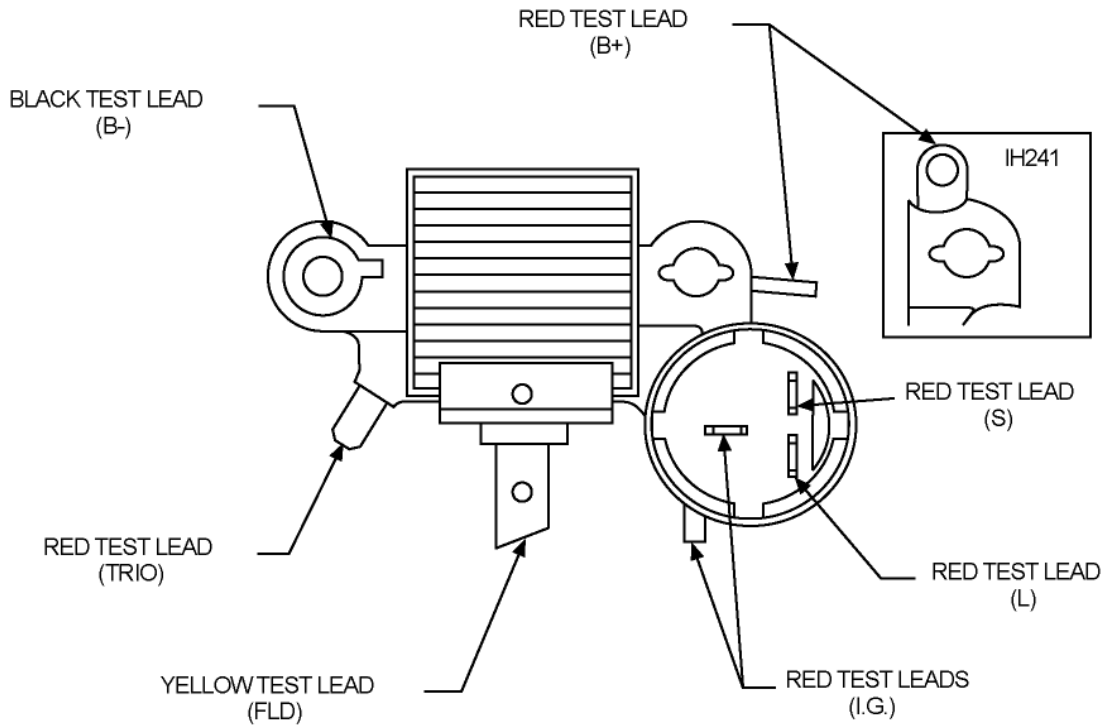


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH241</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>IH244</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.

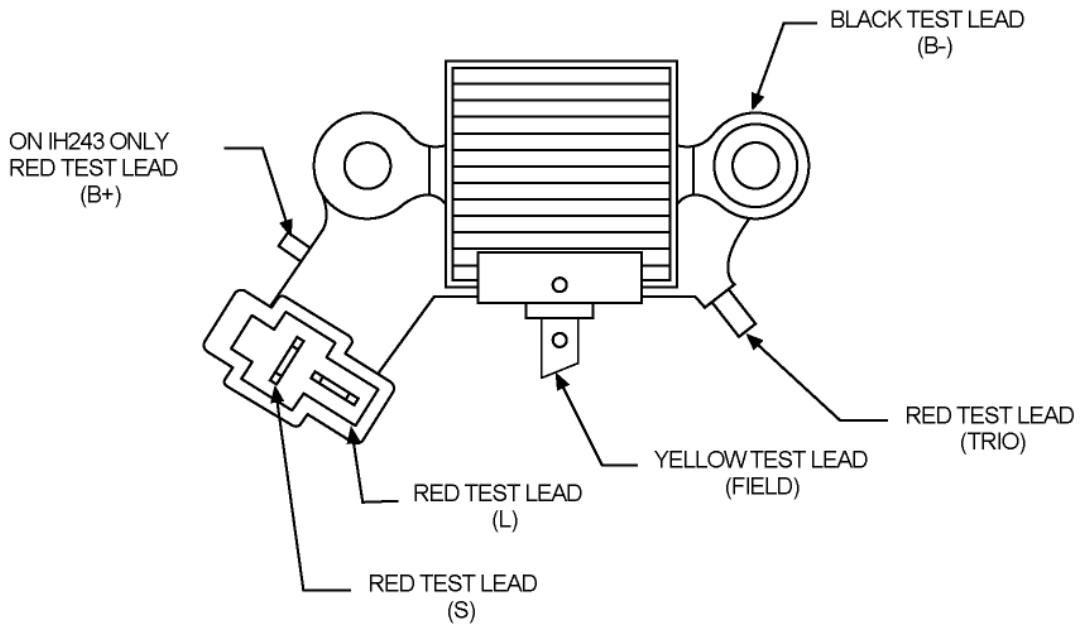


# TRANPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH243</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>IH246</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



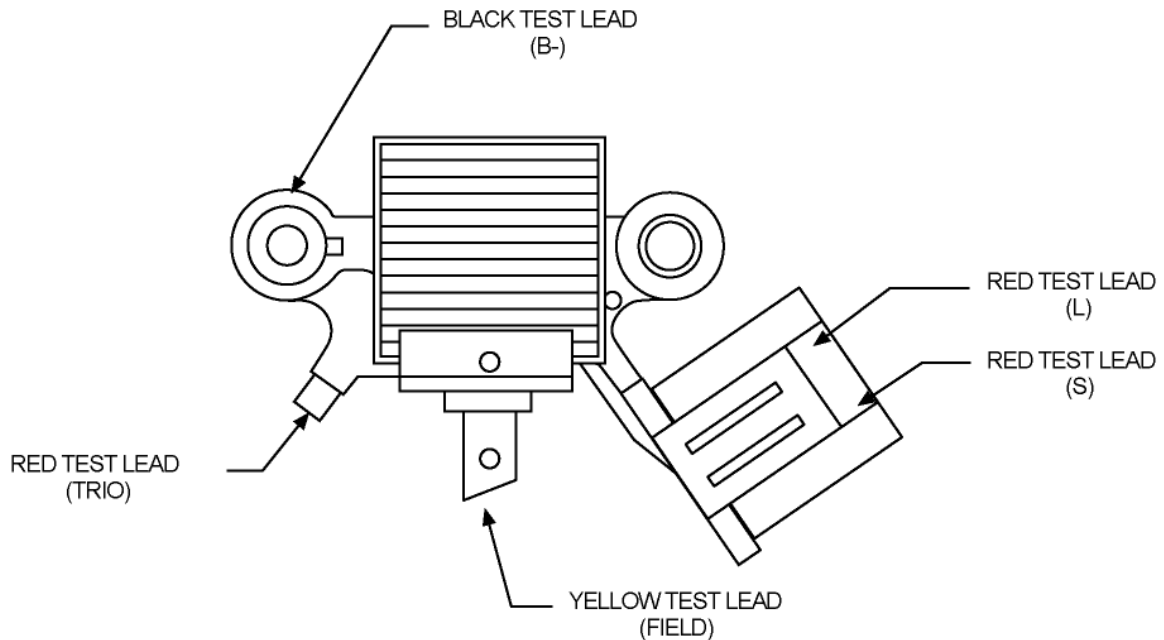


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH242	A	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.

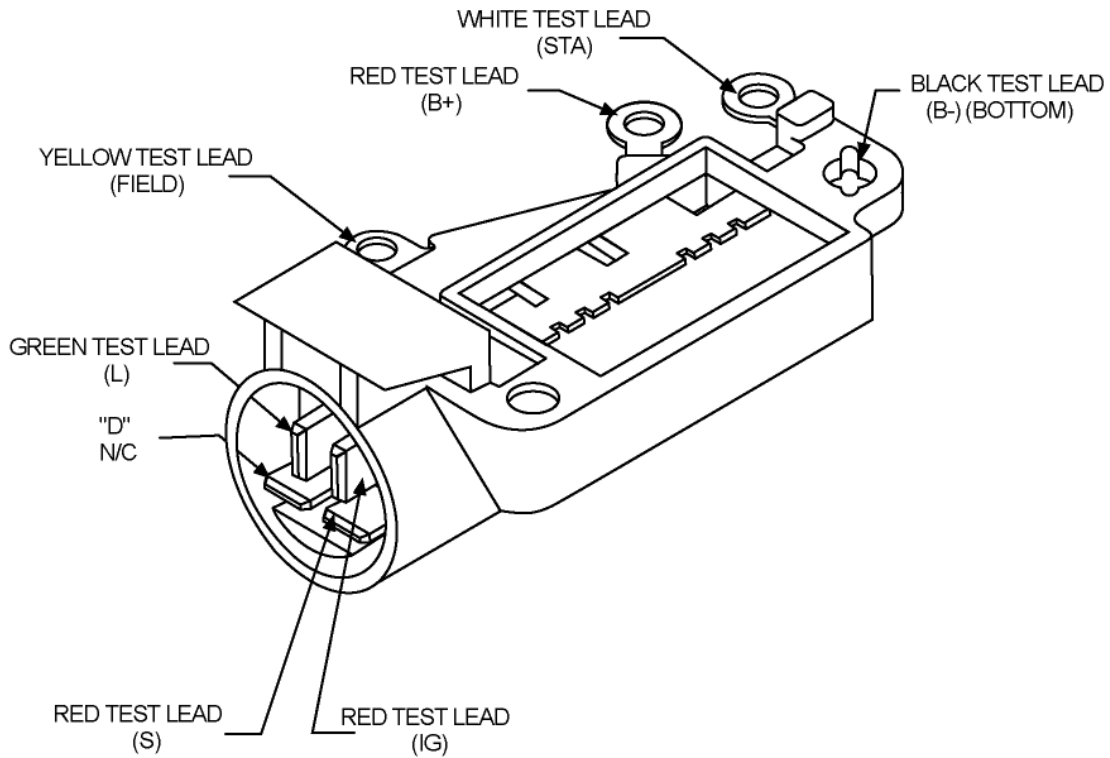


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH247</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "STA". Indicator light should turn on, field lamp will remain on and meter will indicate approximately 12V. Remove red test lead from terminal marked "IG". Field lamp should turn off.

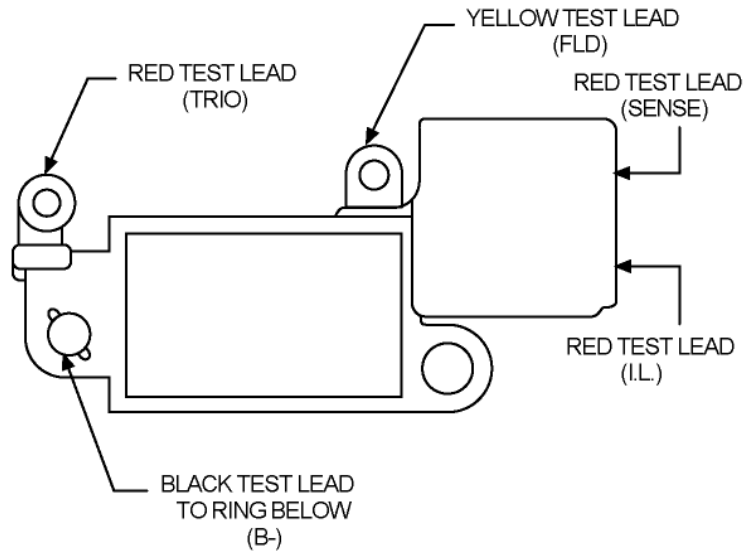


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH248	A	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.

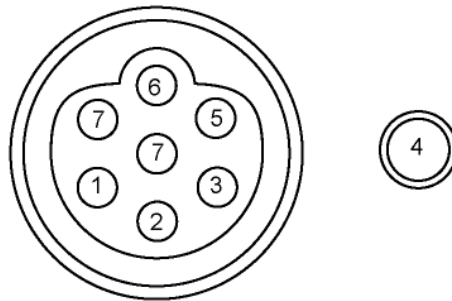


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH832</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove black test lead from terminal marked "STA". Indicator lamp should turn on and the meter will still indicate the set point voltage.



NOTES:

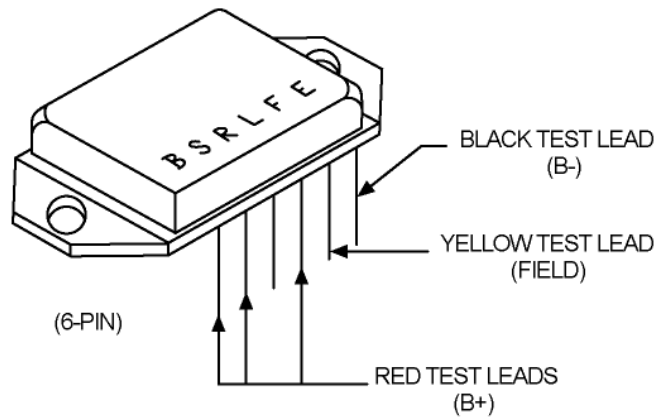
- 1 - RED TEST LEAD (IGN)
- 2 - BLACK TEST LEAD (STA)
- 3 - YELLOW TEST LEAD (FIELD)
- 4 - BLACK TEST LEAD (B-)
- 5 - GREEN TEST LEAD (I.L.)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION

# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH717	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

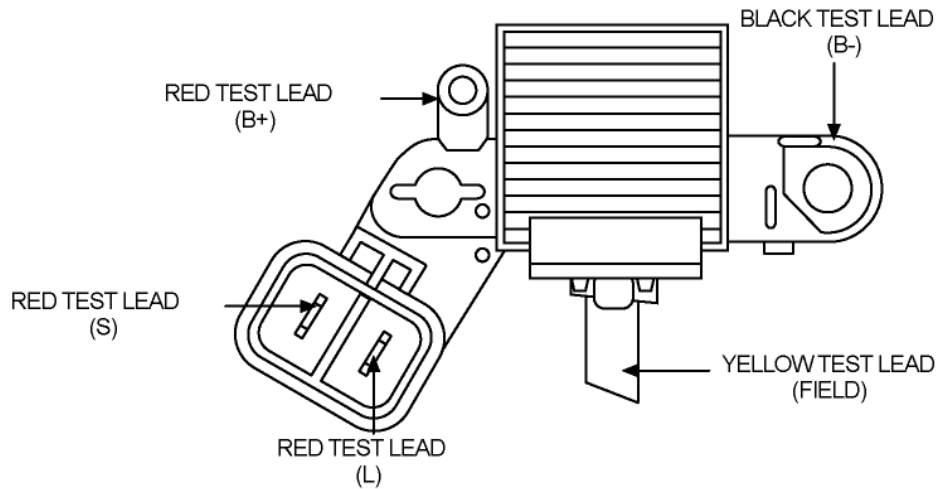


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH250	A	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 1 volt higher than set point.

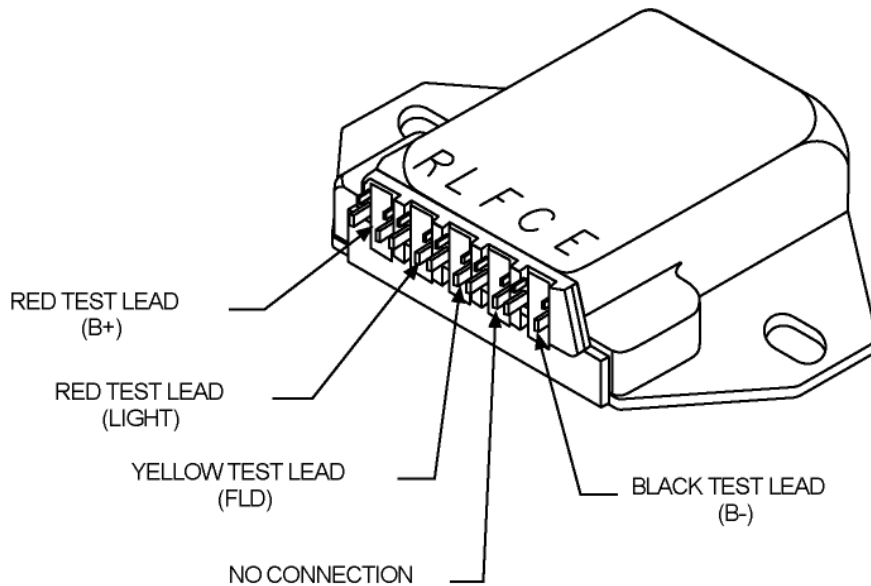


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH708</b>	<b>A</b>	<b>24</b>	<b>28.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Connect a red test lead to the terminal marked "C". The field lamp should still blink and the meter will indicate approximately 26.3 V.

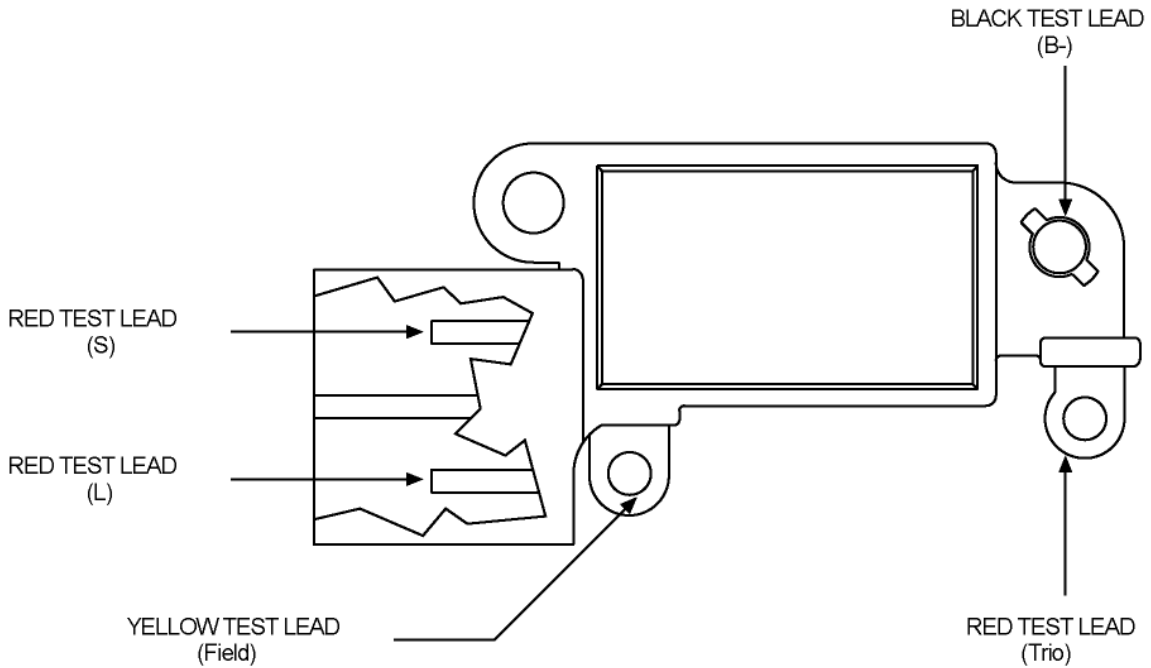


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH760</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Filed lamp should still blink and the meter will indicate approximately 15.5 volts.



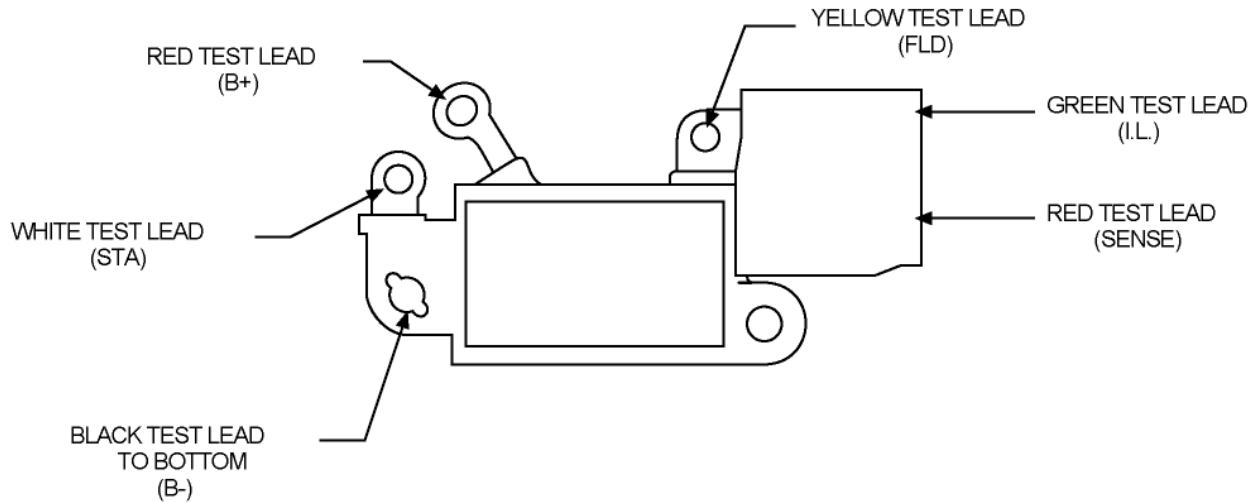


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH761</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator". 12V lamp should illuminate and the meter will indicate approximately 12.0 V.

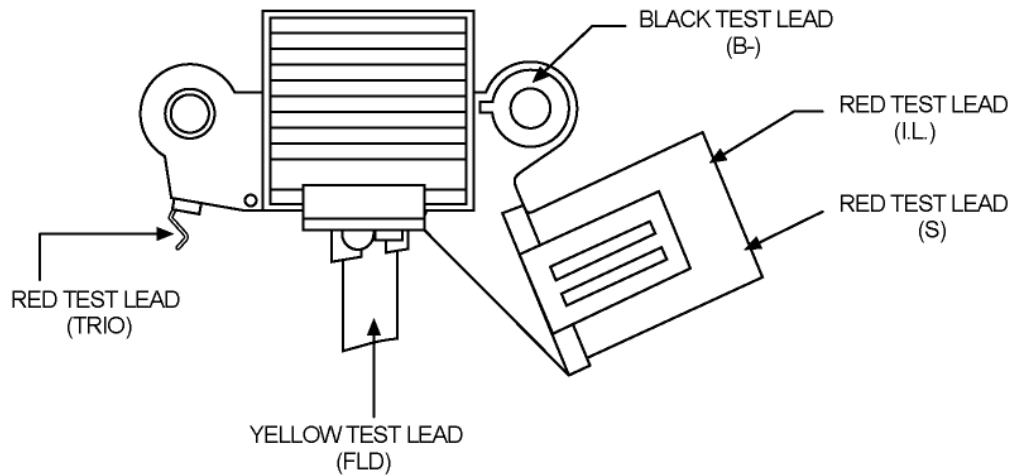


# TRANPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH249</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should blink and the meter will indicate approximately 15.5V.

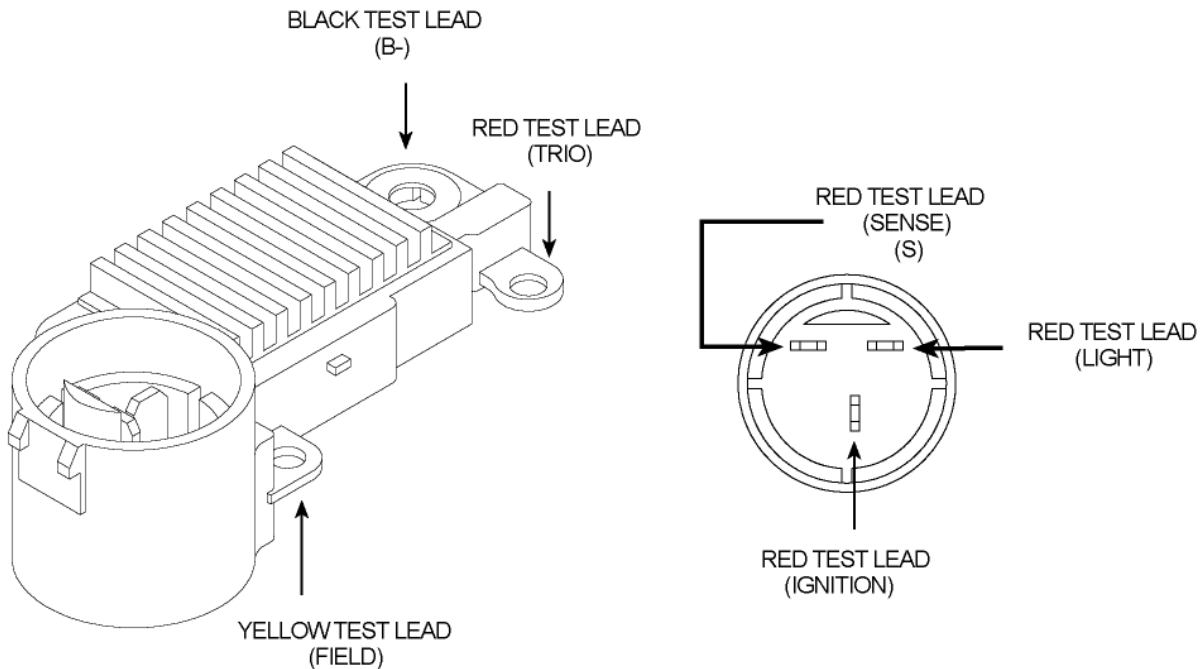


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH251</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should blink and the meter will indicate approximately 15.5V.

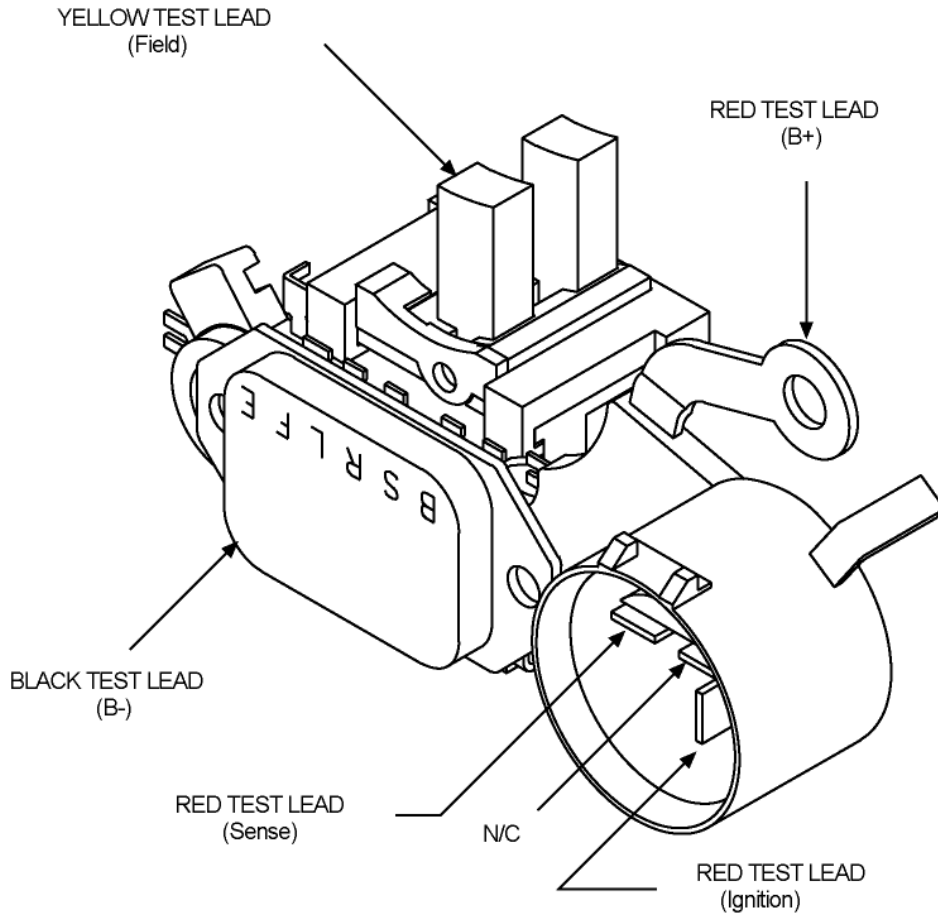


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH252</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove sense. Voltage goes to 15.6V and field light stays on.

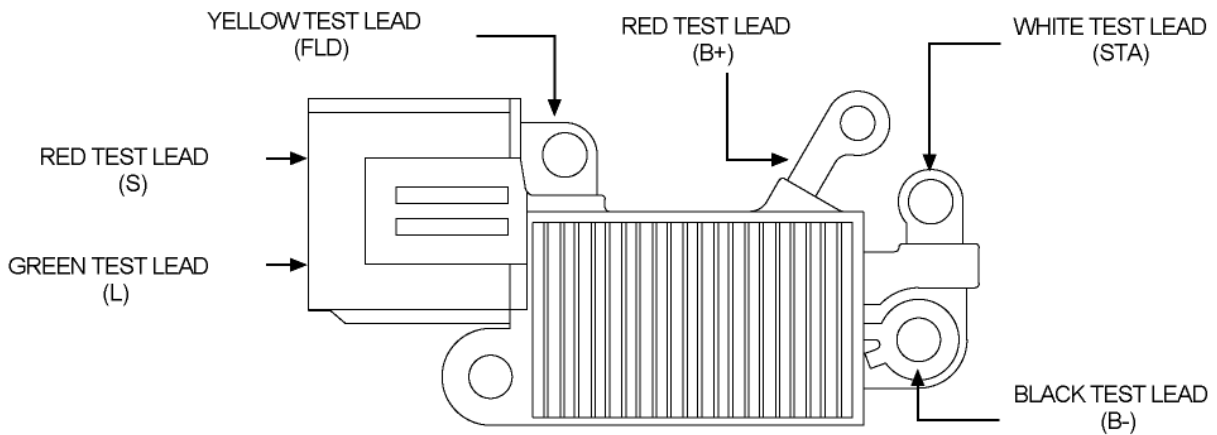


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH762</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "STA". Field lamp will remain fully on and the meter should indicate 12V.

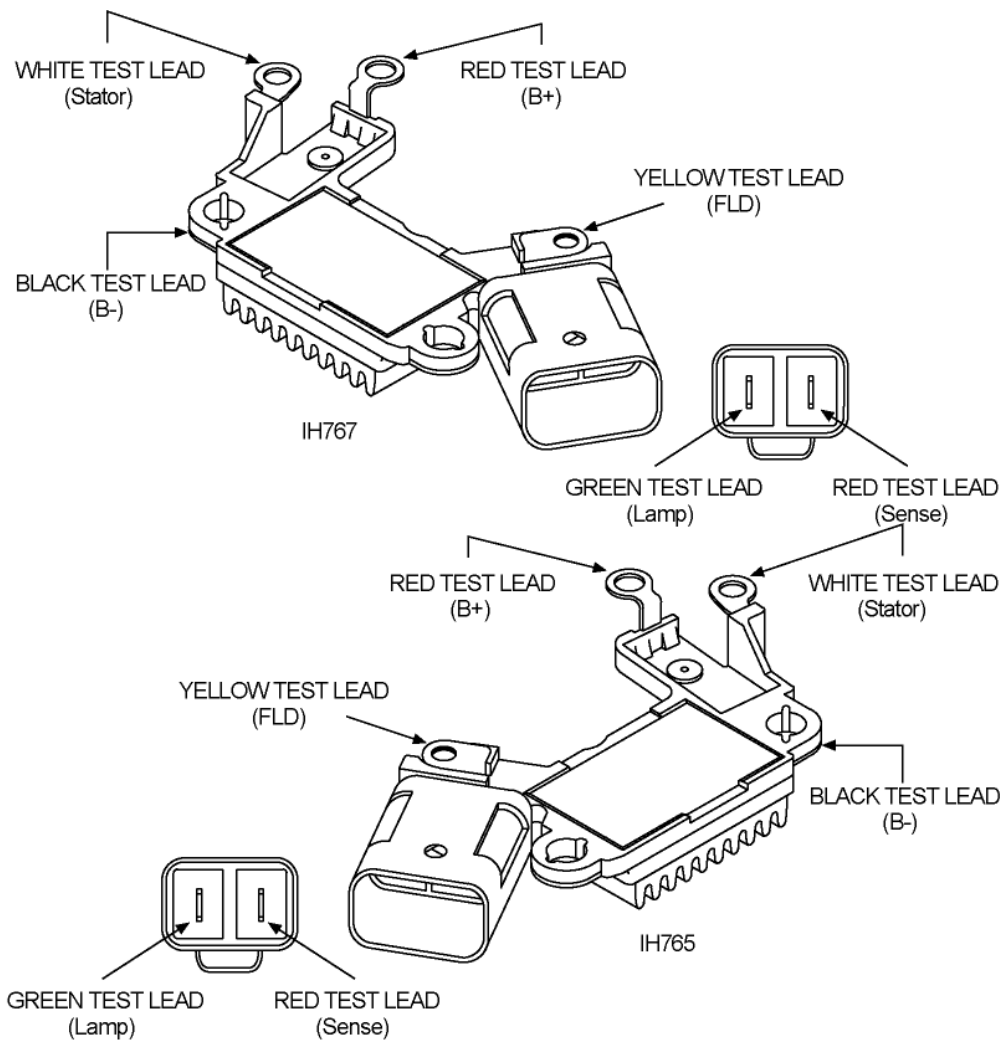


# TRANPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH765</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				
<b>IH767</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator". 12V lamp should illuminate and the meter will indicate approximately 12 volts.

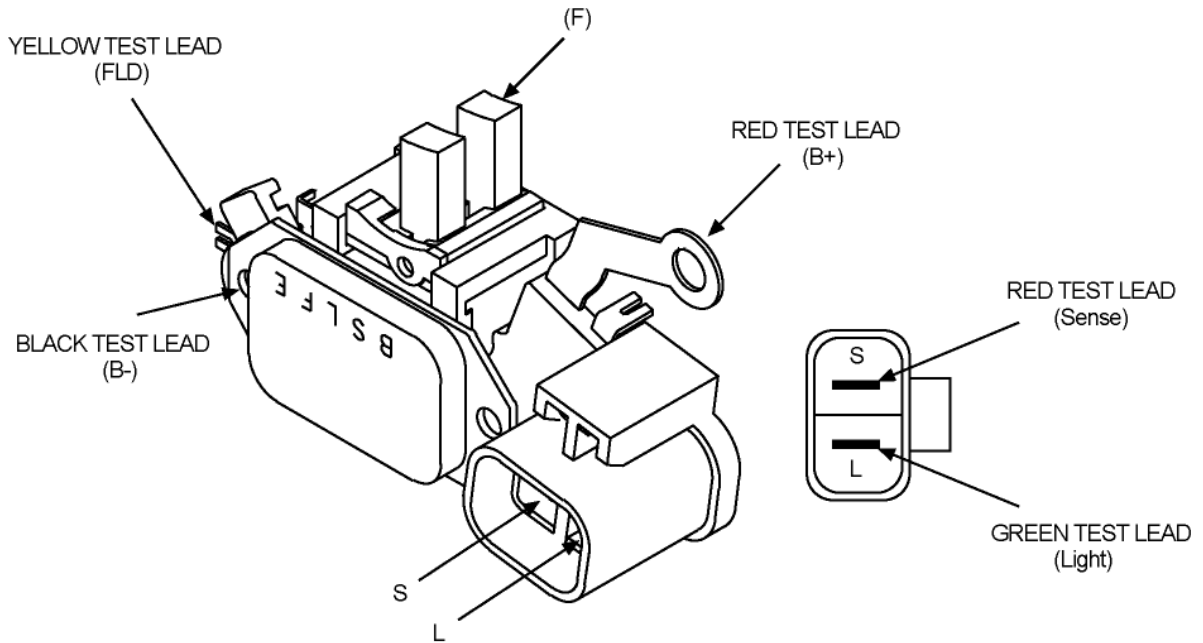


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH205</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove (Red) Sense lead, voltage should go to 15.5V.

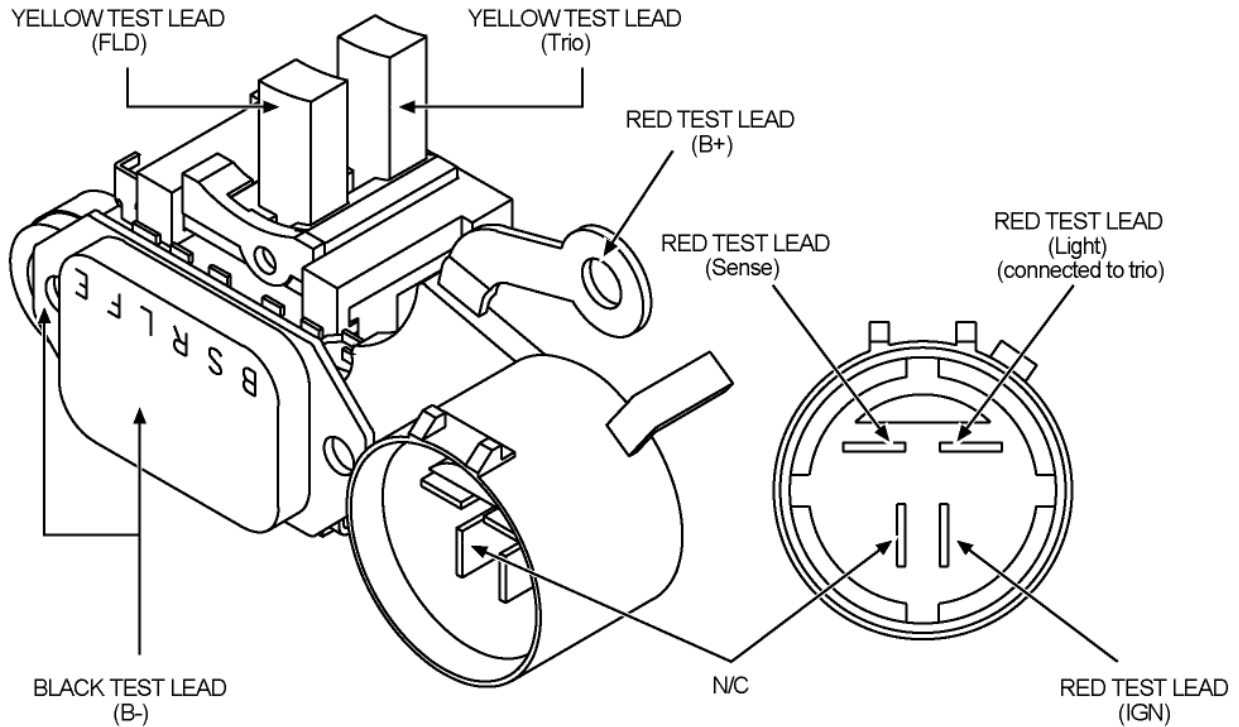


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH254</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove (Red) lead from sense , Field lamp will stay on, voltage will rise between 15.5V and 15.9V.



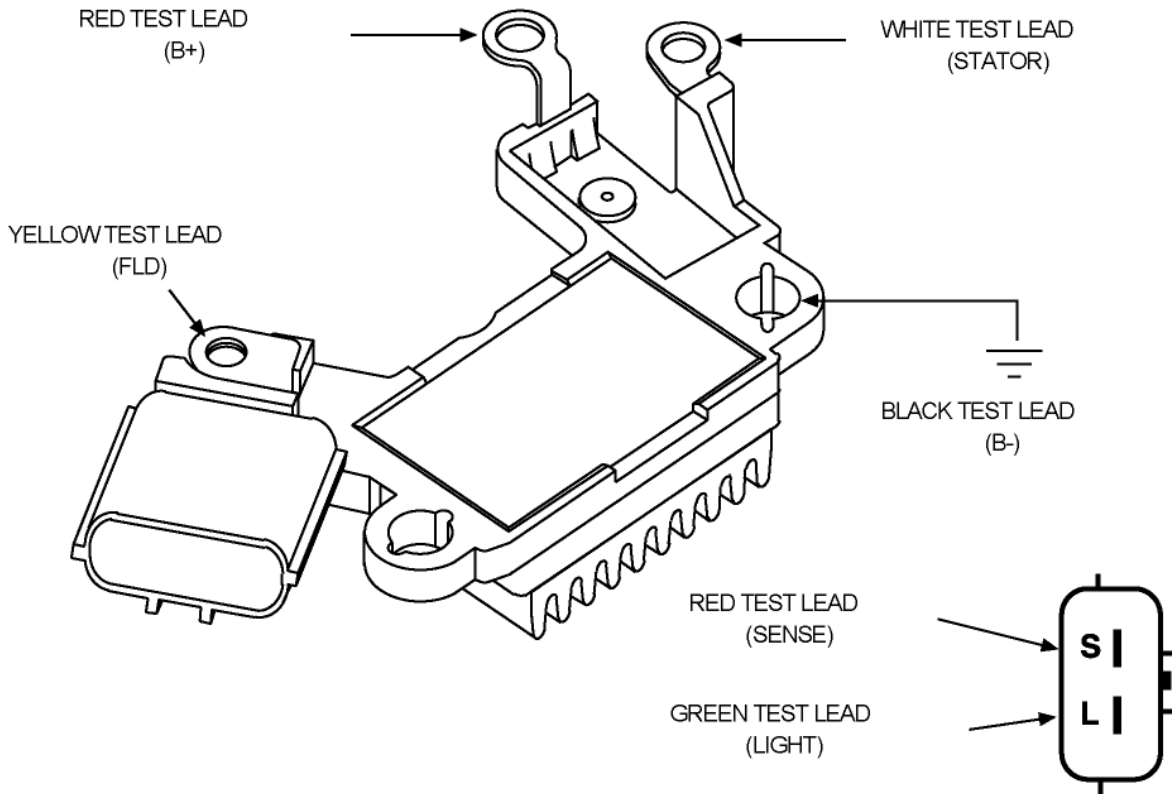


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH766</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Disconnect "S", Voltage stays the same , 12V lamp comes on and field lamp continues to be on and field lamp continues to be on.

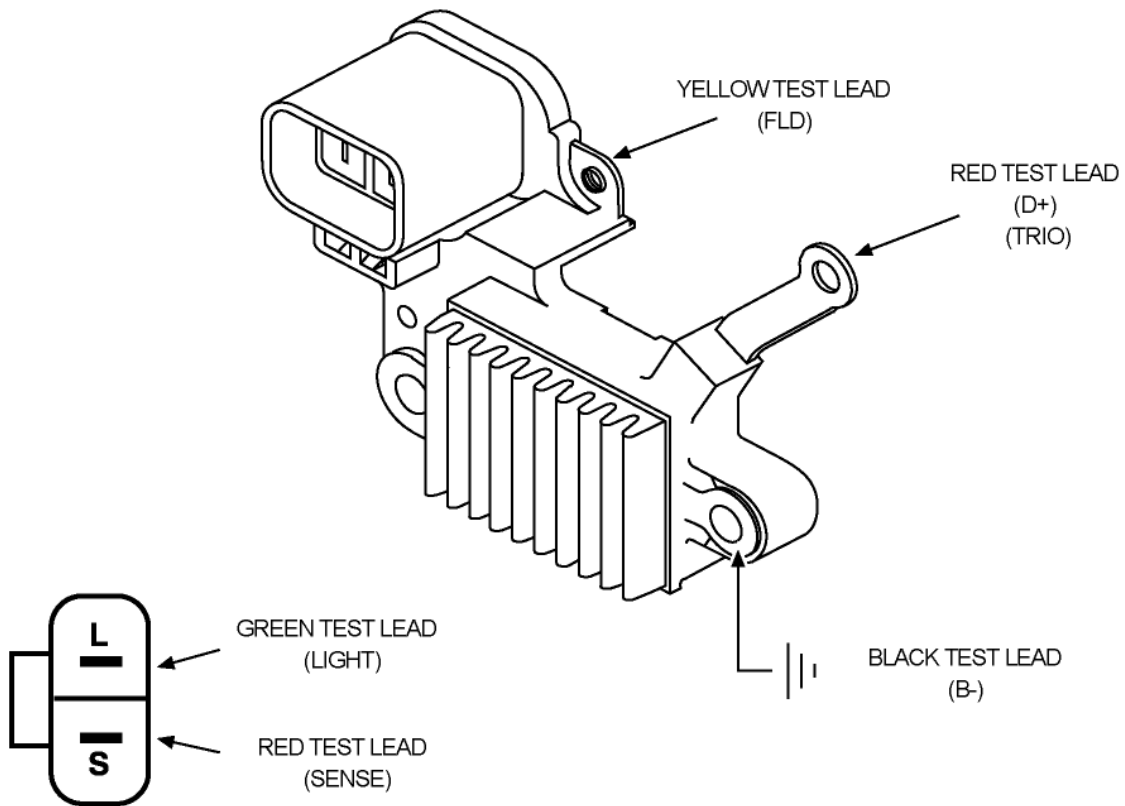


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH770	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Disconnect "S", voltage goes to approximately 15.2V Field lamp stays on.

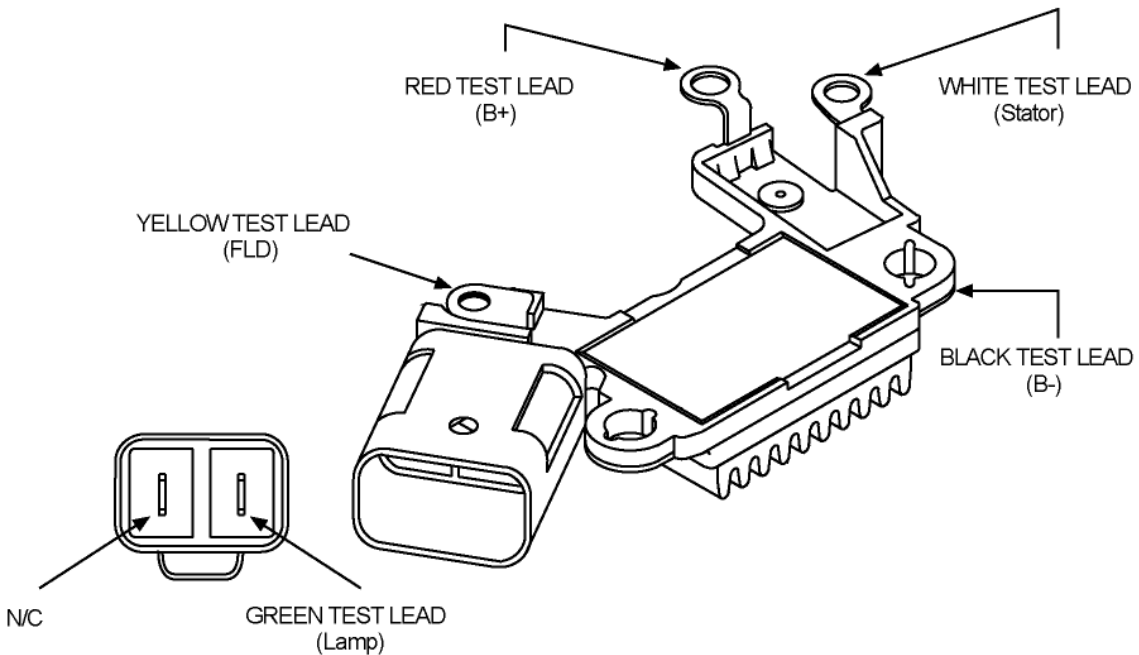


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH776</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white lead from stator, field circuit lamp will stay on. 12V lamp will come on and voltage will drop to 12V.

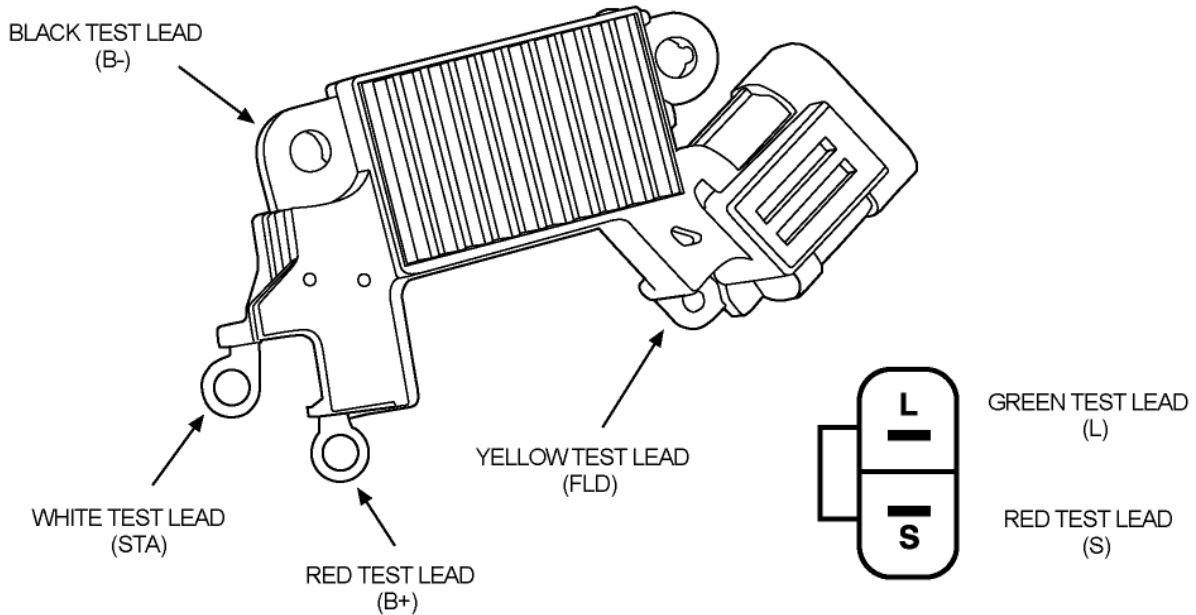


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH782</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Disconnect (white ) lead from stator, voltage drops to 12V and lamp comes on. Disconnect (Red) lead from sense, lamp comes on and rises to 15.5V.

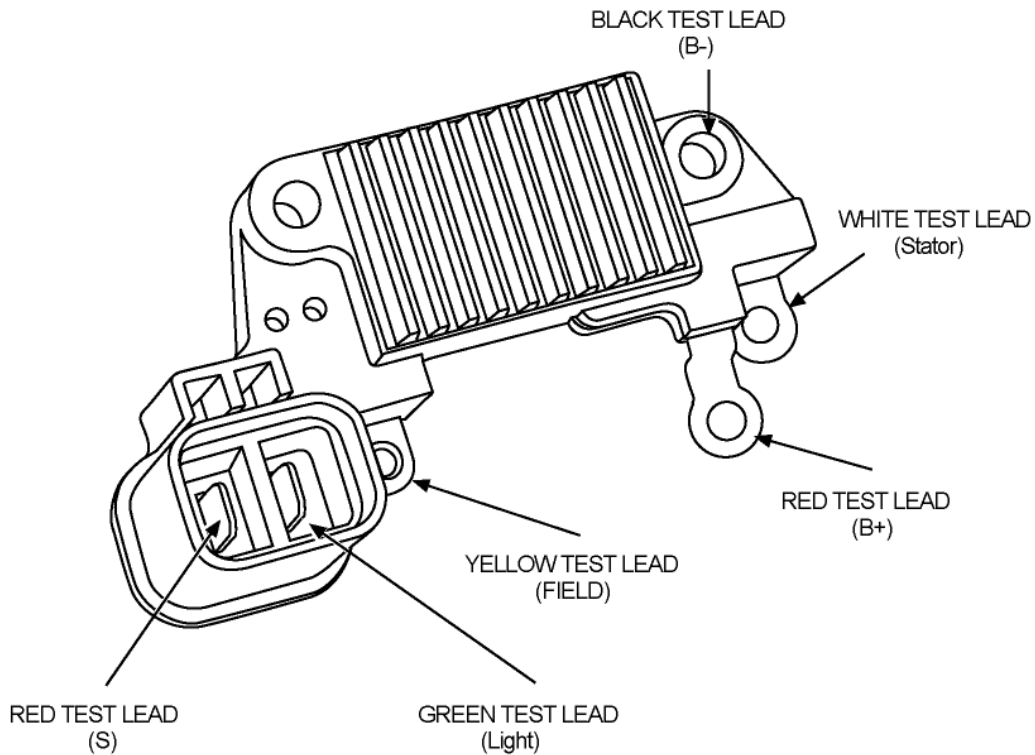


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH763</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red lead from terminal marked "S" and voltage will rise to approximately 15.5V. Remove stator and lamp comes on and voltage drops to 12V.

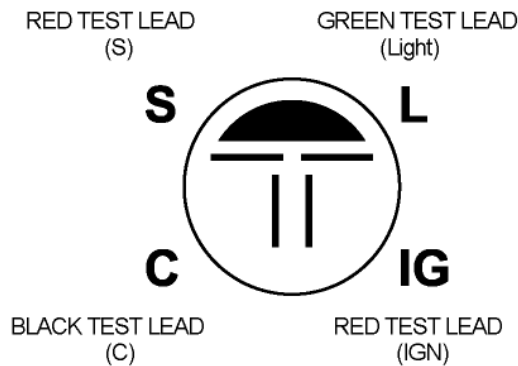
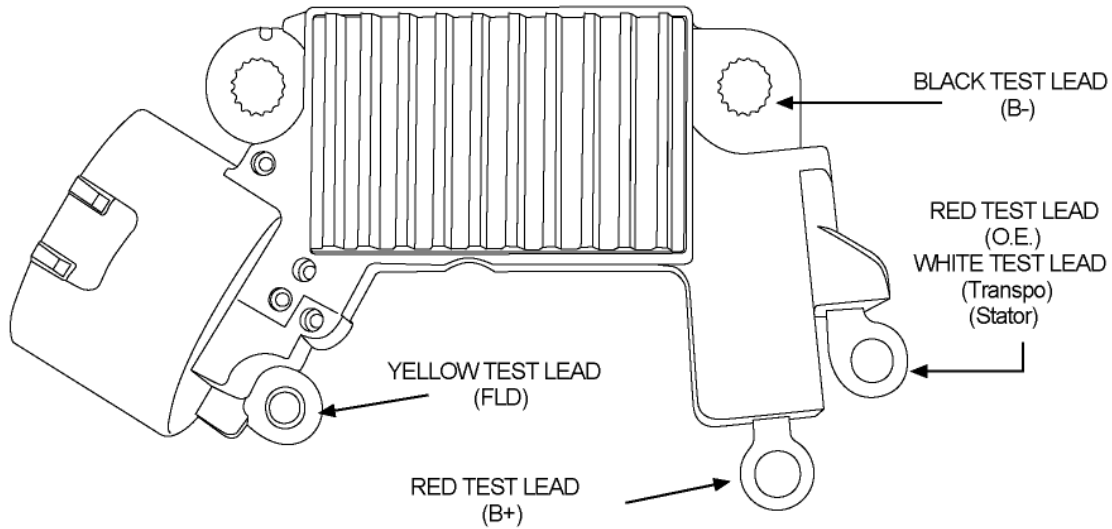


# TRANPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH772	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove stator and lamp comes on. Apply ground to "C" Terminal and voltage will drop to 12.5 volts.

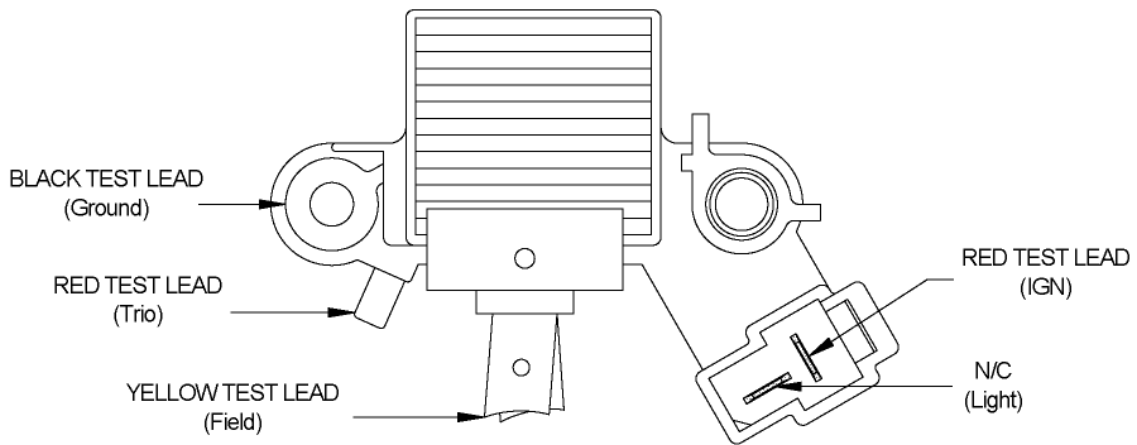


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH258</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

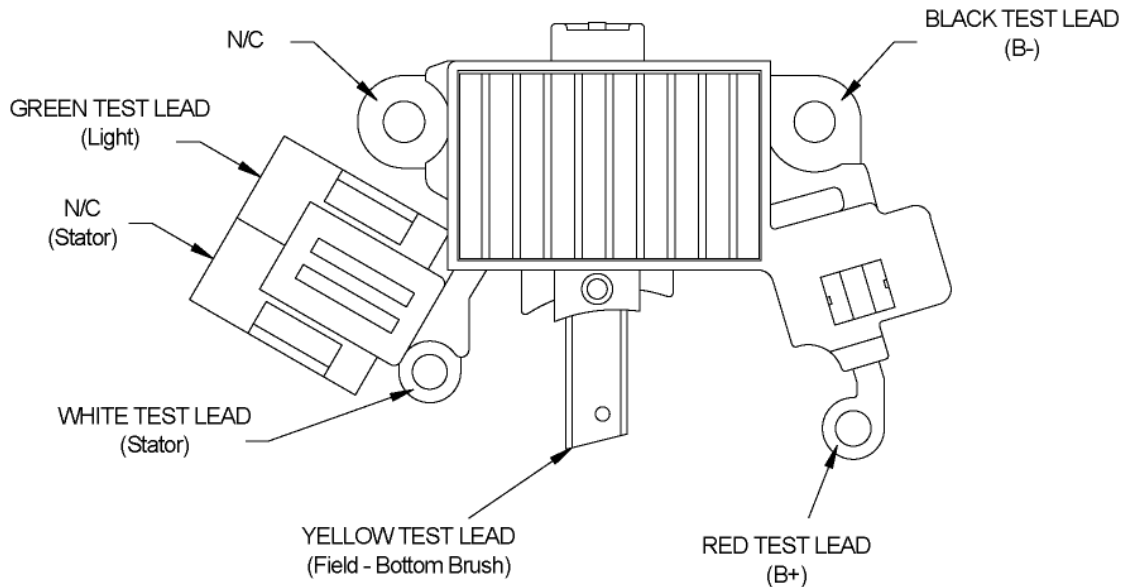
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH769</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white lead from stator; 12 volt lamp will come on and voltage will read 12.0 volts. Field lamp will be on.





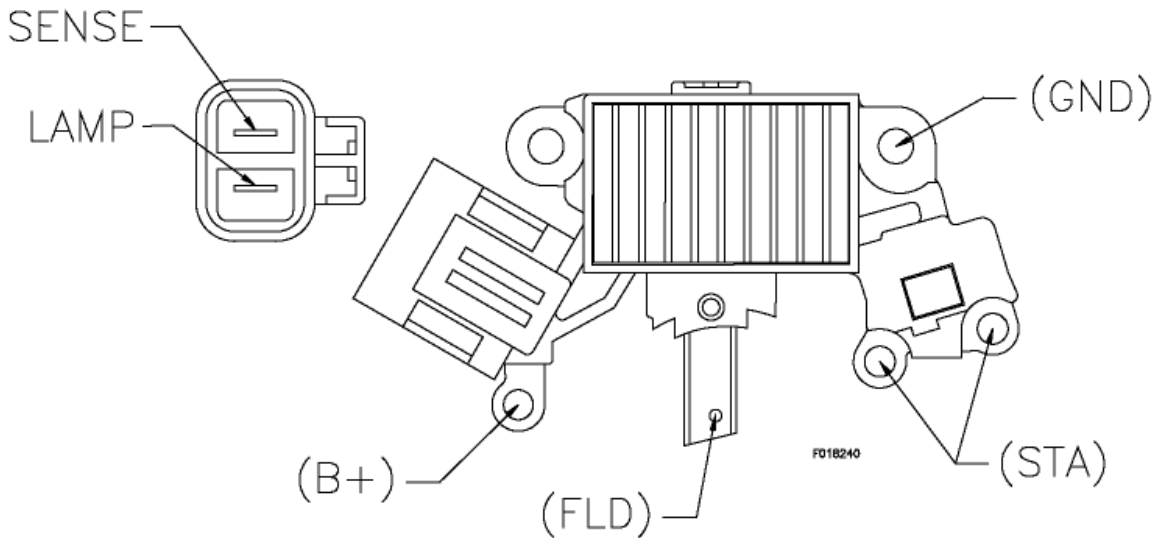
# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH744</b>	<b>A</b>	<b>12.0</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove sense lead and voltage rises to approximately 15.5 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start).

NEEDS TO BE RE-TESTED  
FOR PROPER TEST LEAD CALL OUTS.

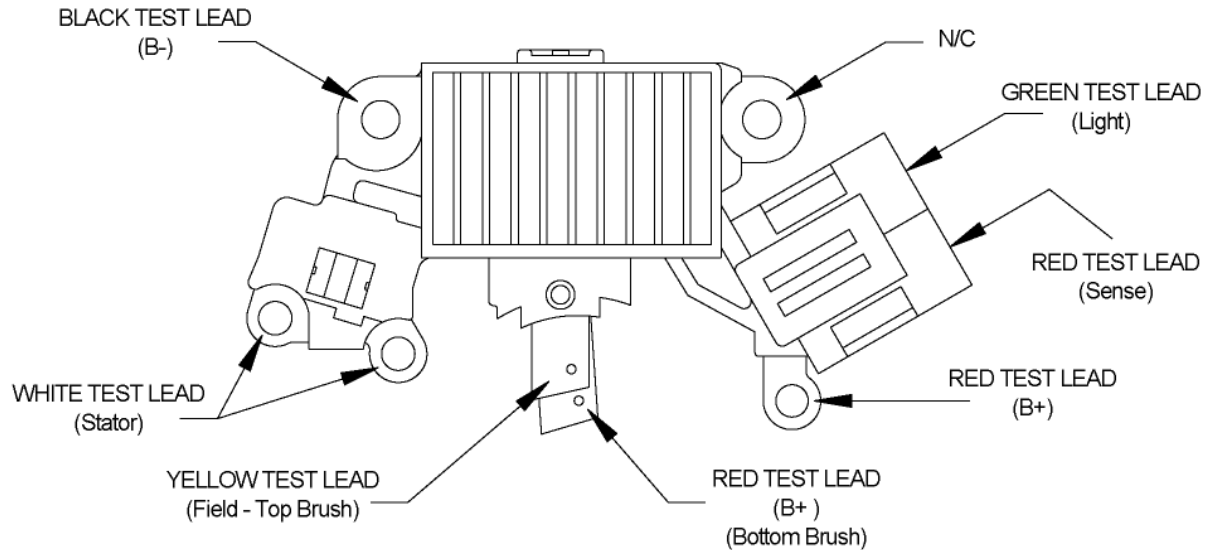


# TRANSCO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IH738	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove sense lead and voltage rises to approximately 15.5 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start).

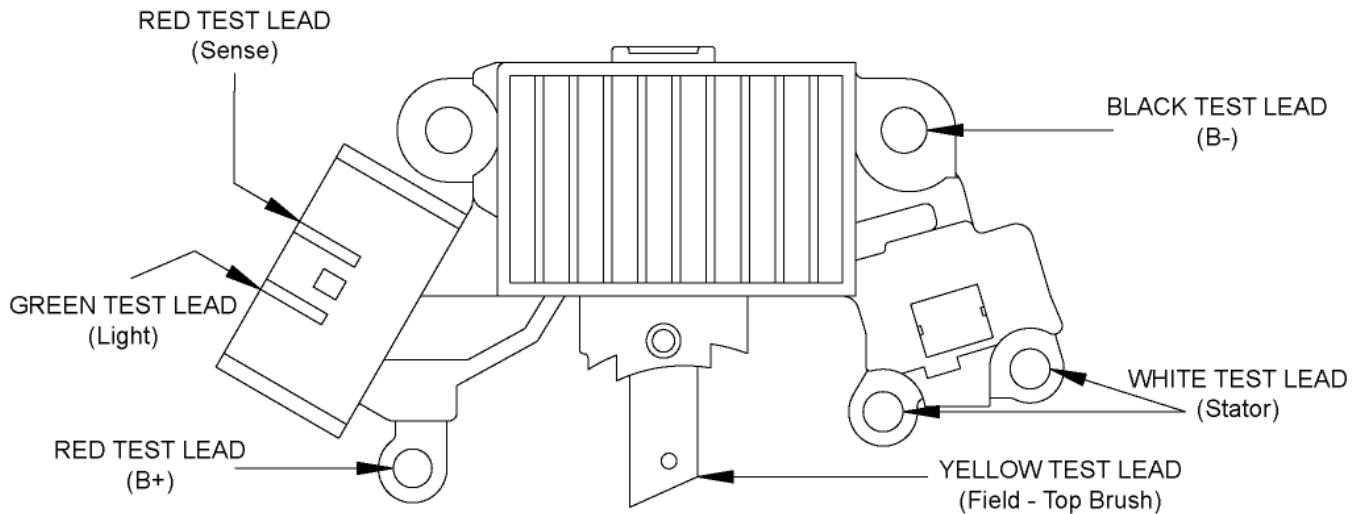


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH774</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white lead from stator, field circuit lamp will stay on. 12V lamp will come on and voltage will drop to 12V.

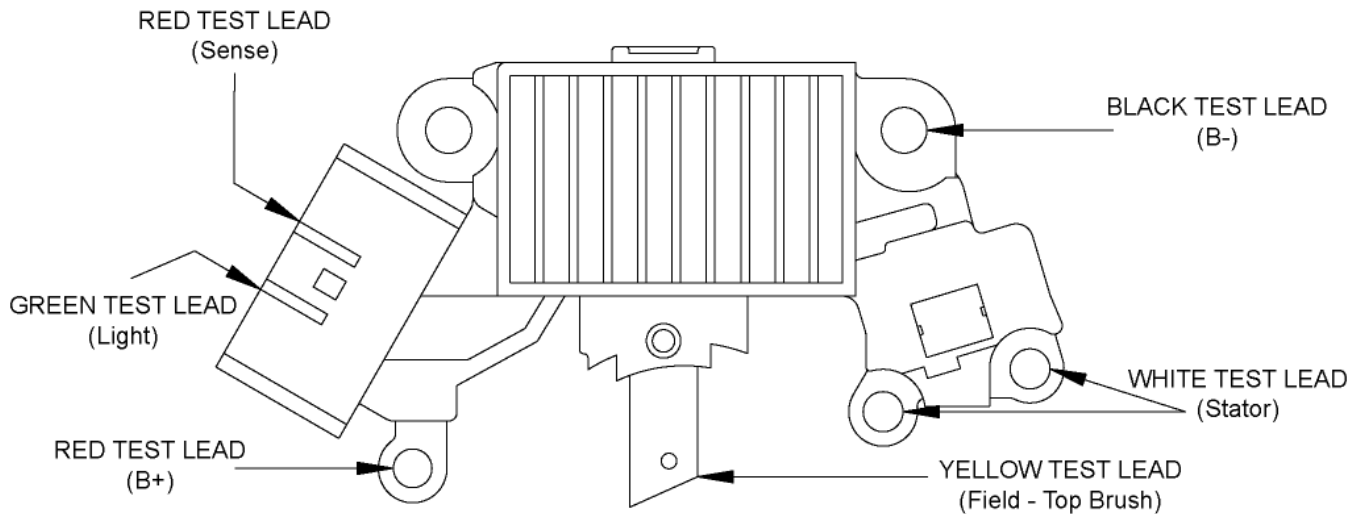


# TRANSPO TESTER INSTRUCTIONS

for           HITACHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IH742</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove sense lead and voltage rises to approximately 15.5 volts, reconnect sense lead. Remove white test lead from stator, voltage remains the same and lamp comes on.

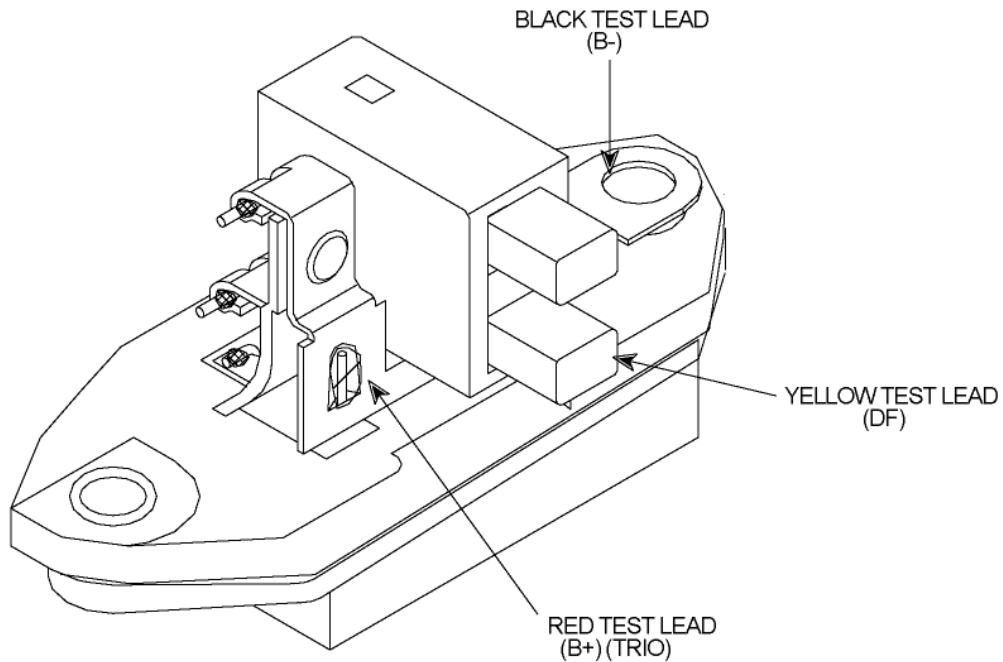


# TRANSPO TESTER INSTRUCTIONS

for ISKRA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IK404</b>	<b>A</b>	<b>24</b>	<b>28.0</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

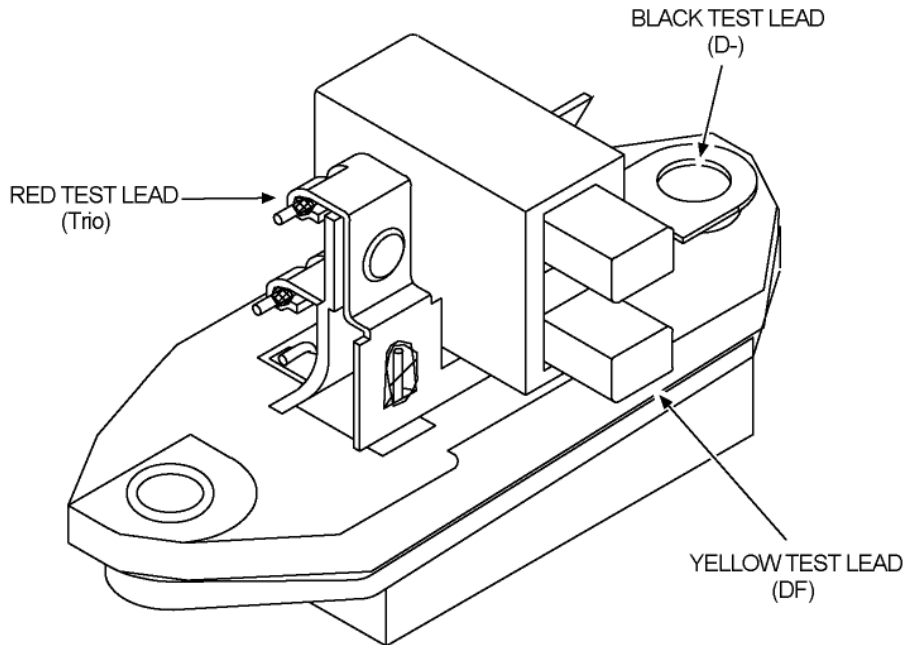


# TRANSPO TESTER INSTRUCTIONS

for ISKRA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IK401</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

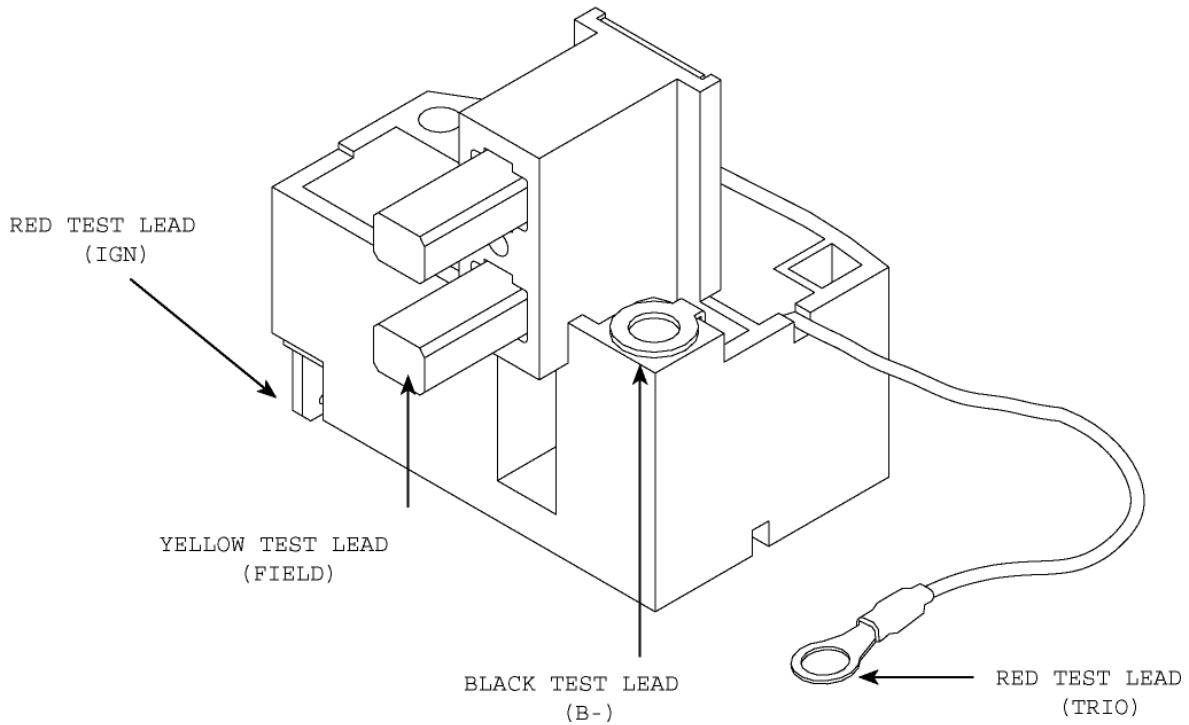


# TRANSPO TESTER INSTRUCTIONS

for       LADA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IR674</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

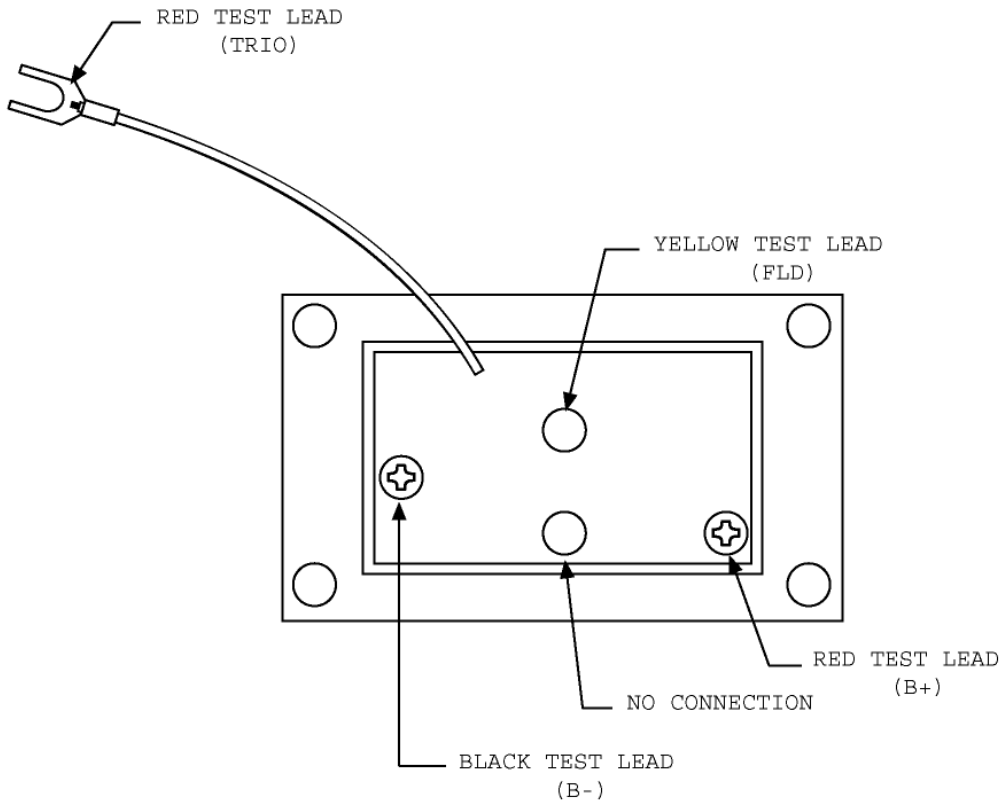


# TRANPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L79000	A	12	14.2	L79000S	A	12	14.2
L79000HD	A	12	14.2	L79000X	A	12	14.2
L79000HDP	A	12	14.2	L95019	A	12	14.2
L79000LH	A	12	14.2	L96852	A	24	27.5

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from regulator wire marked "TRIO". Filed lamp should turn off and the meter will indicate low voltage.



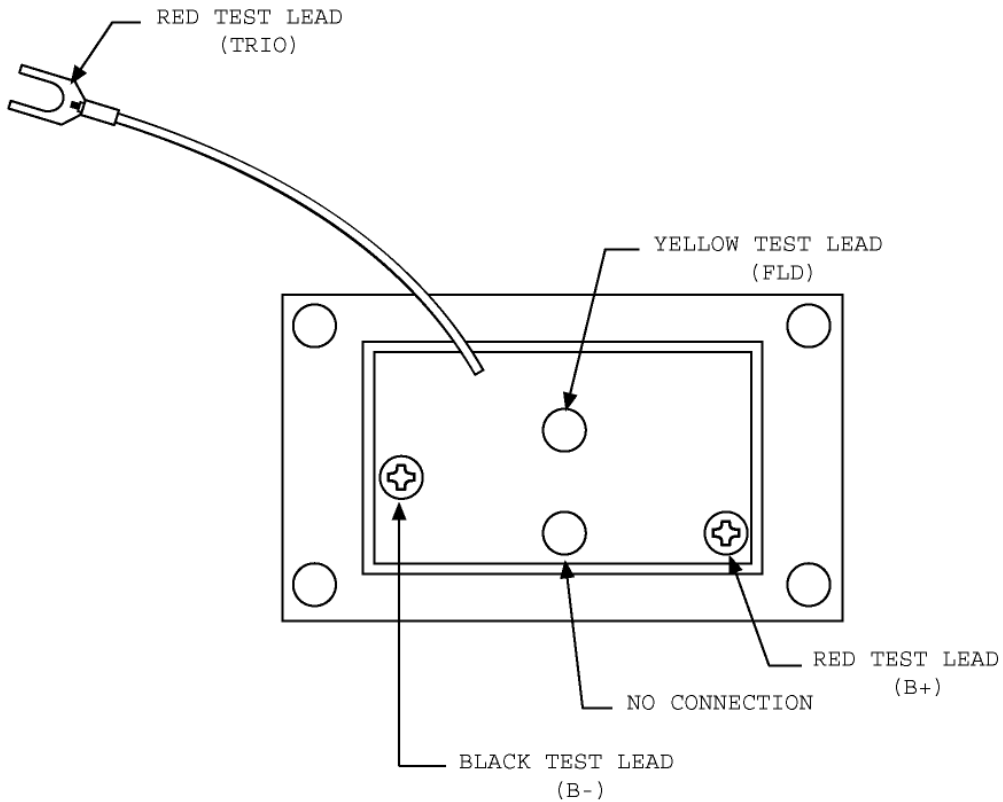


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L79350S	A	24	27.5				
L97050S	A	32	37.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from regulator wire marked "TRIO". Filed lamp should turn off and the meter will indicate low voltage.

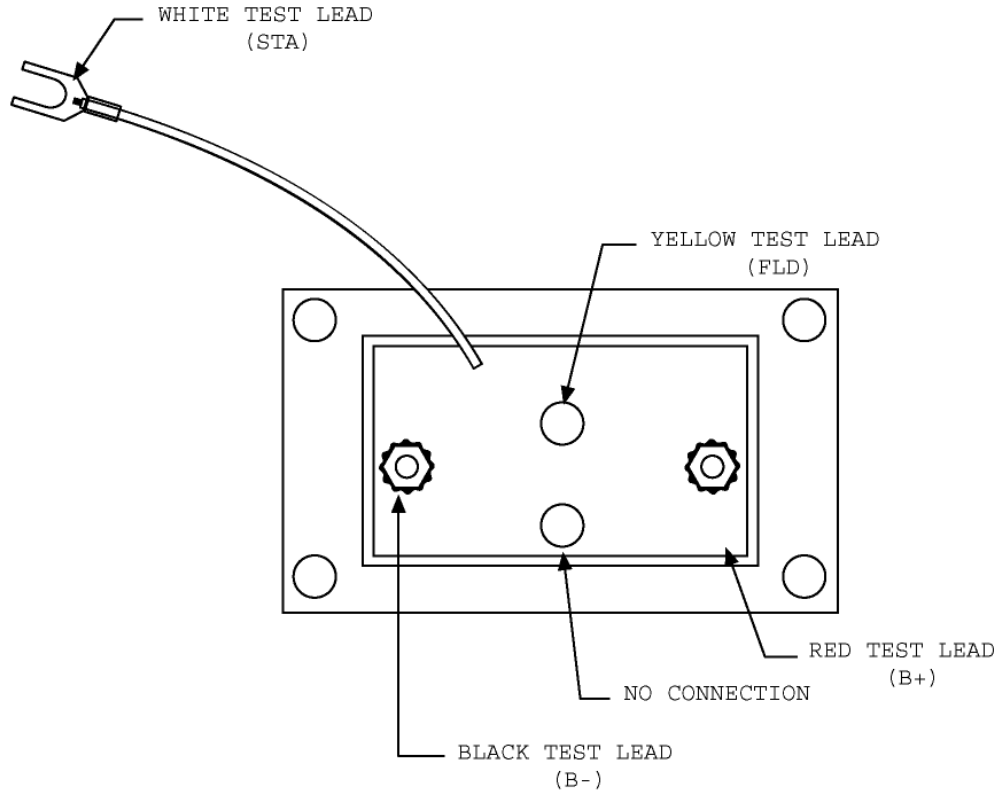


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L79000AC	A	12	14.2				
L96345AC	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from regulator wire marked "Stator". Filed lamp should turn off and the meter will indicate low voltage.



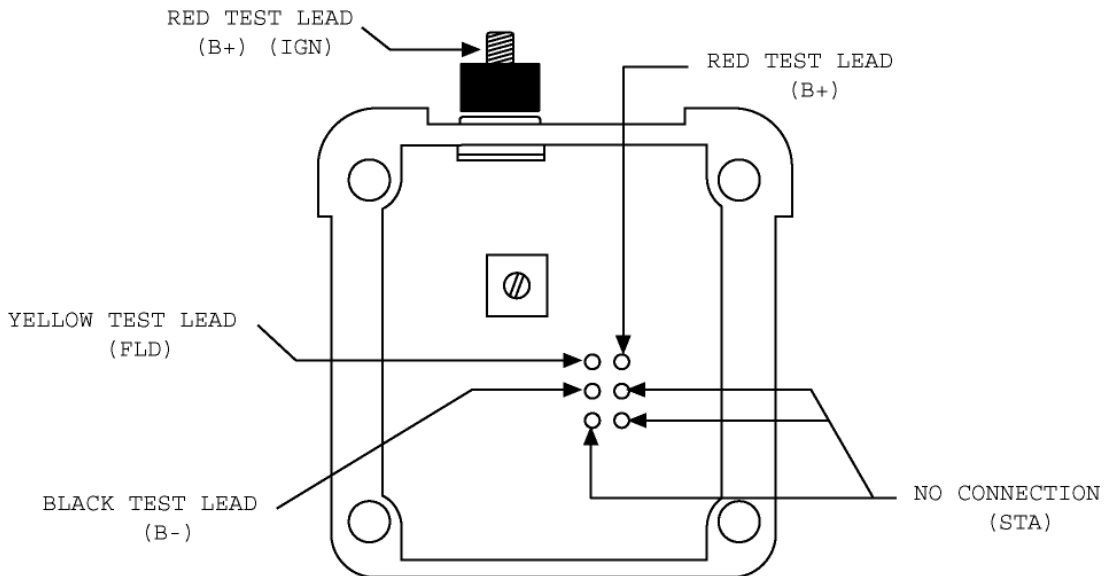
# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>L95300S</b>	<b>A</b>	<b>24</b>	<b>28.0</b>				
<b>L99500S</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>L99825S</b>	<b>A</b>	<b>24</b>	<b>28.0</b>				
<b>L99850S</b>	<b>A</b>	<b>32</b>	<b>37.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

NOTE: Connect B+ to the three stator Terminals if no IGN terminal is used

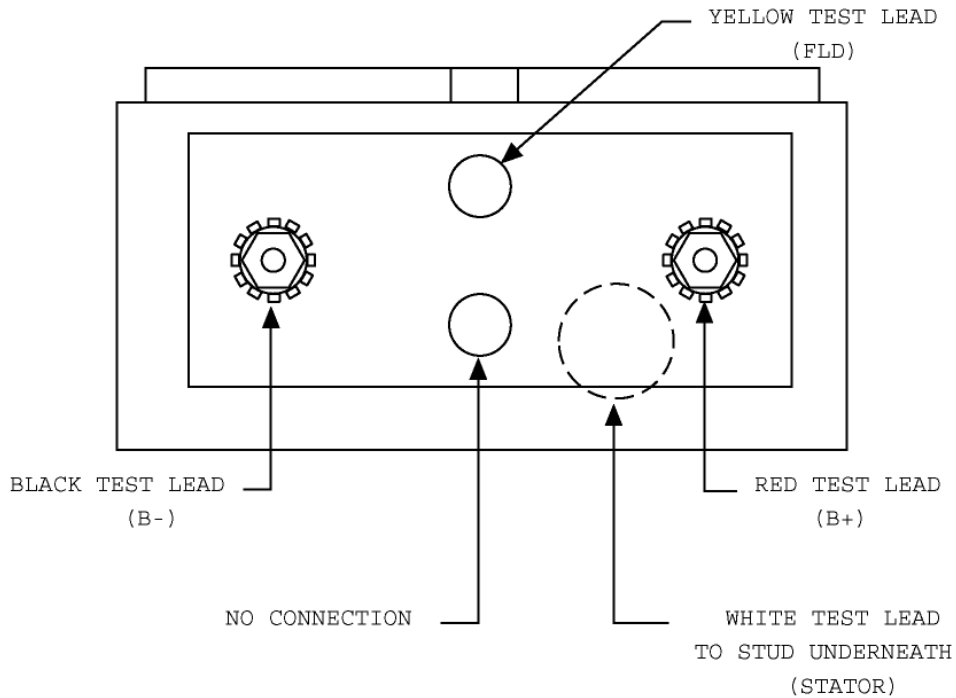


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>L77973AC</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>L97300AC</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from the regulator's stud marked "Stator". Field lamp should turn off and the meter will indicate low voltage.



# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

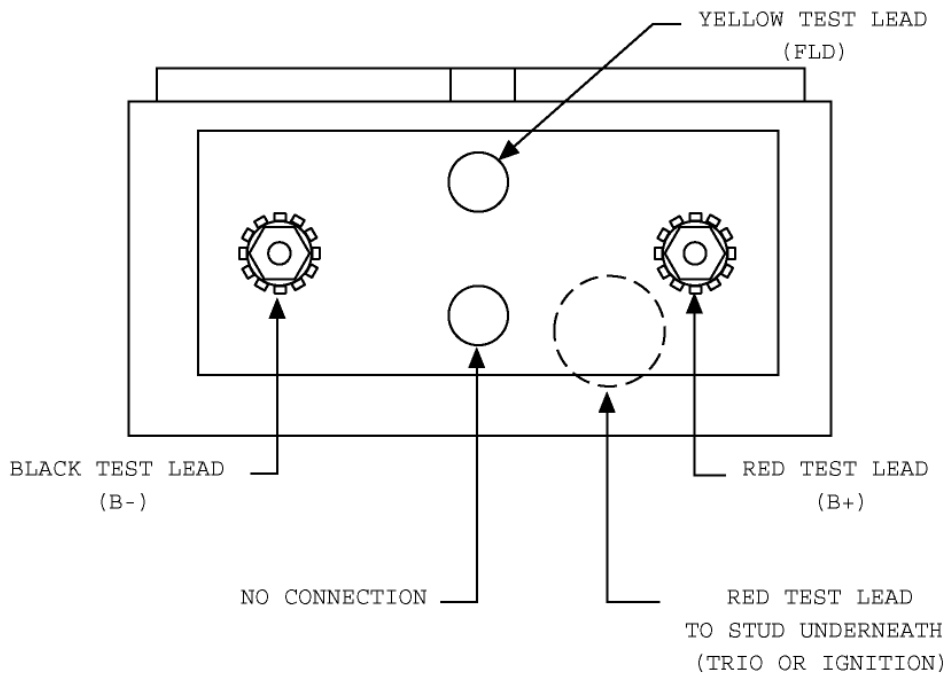
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L77973S	A	12	14.2				
L78855S	A	24	27.5				
L78935S	A	32	37.5				
L97300S	A	12	14.2				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from regulator's stud marked "TRIO" or "IGN". Field lamp should turn off and the meter will indicate low voltage.

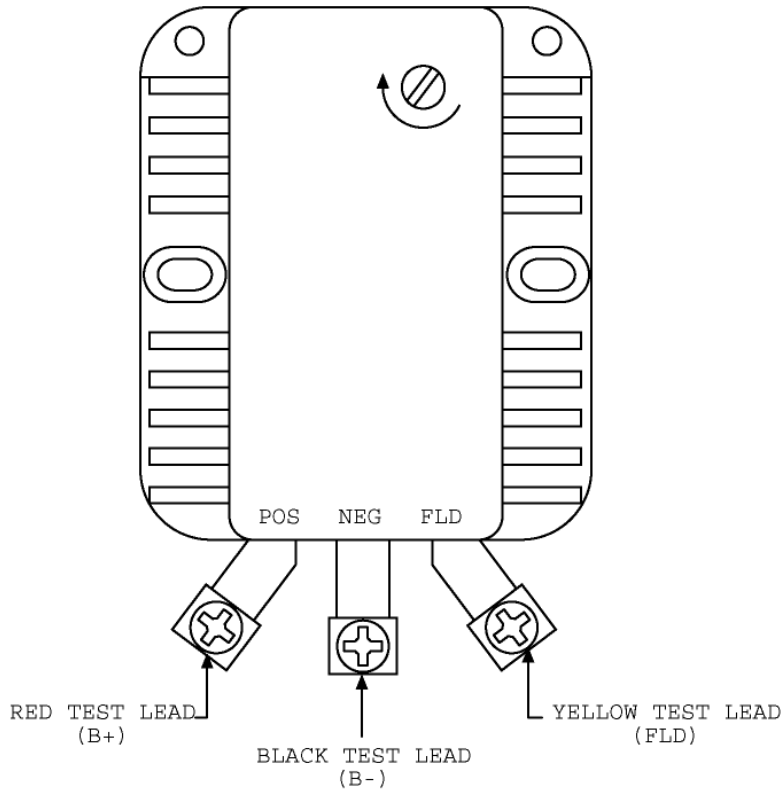


# TRANSCO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L5022	A	12	14.2	L5042HD	A	24	27.5
L5042	A	24	27.5				
L5062	A	32	37.5				
L5078	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

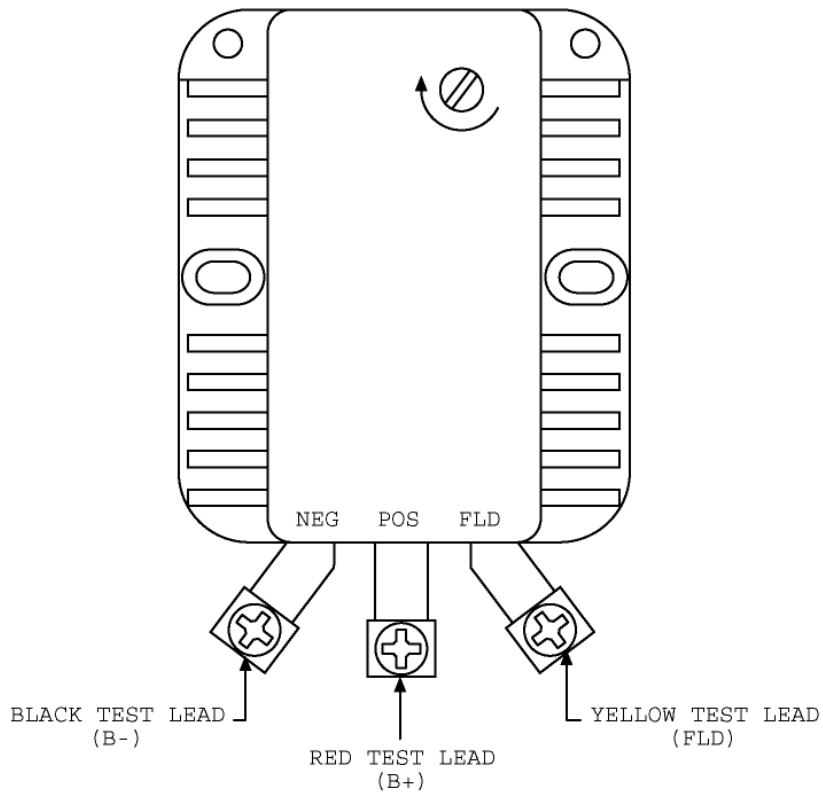


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L5016	B	12	14.2				
L5028	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

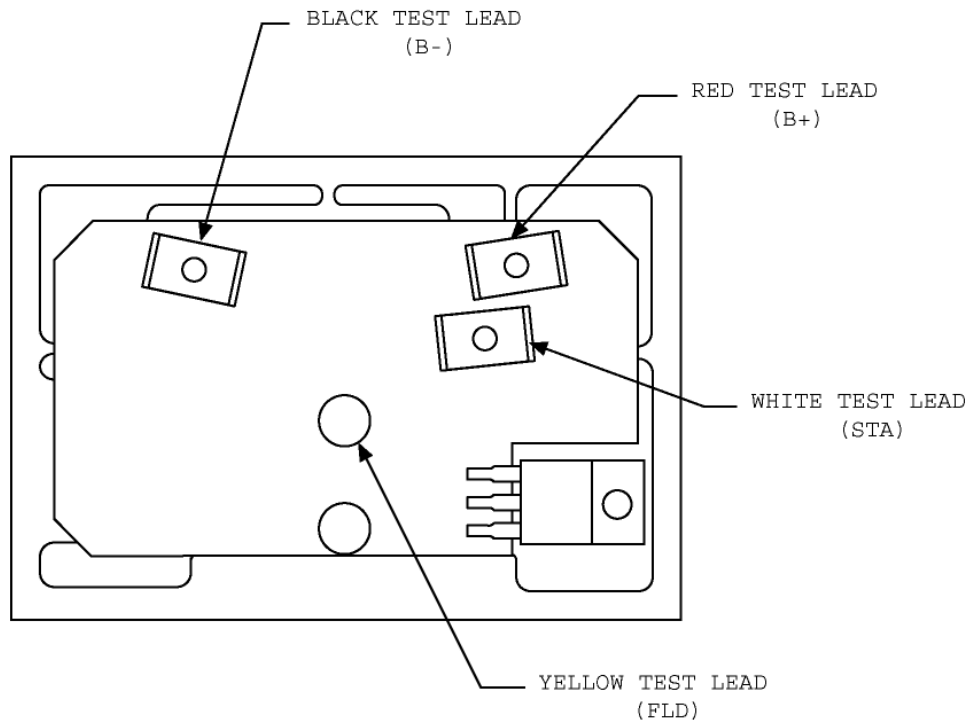


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>L1666280</b>	<b>A</b>	<b>12</b>	<b>13.8</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



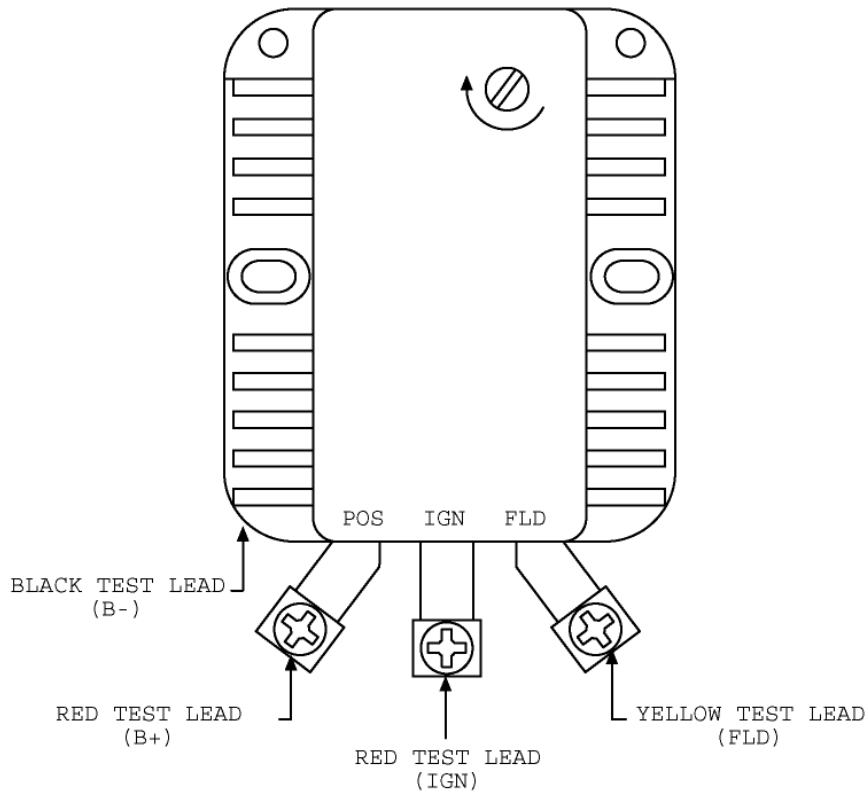


# TRANSPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>L5003</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

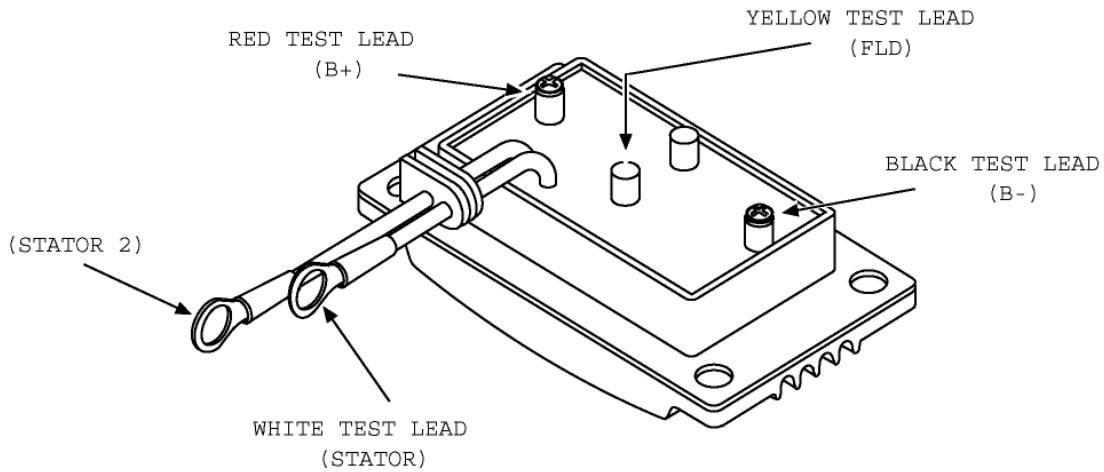


# TRANPO TESTER INSTRUCTIONS

for LEECE NEVILLE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
L99920	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white test lead from "Stator" terminal and regulator turns off.

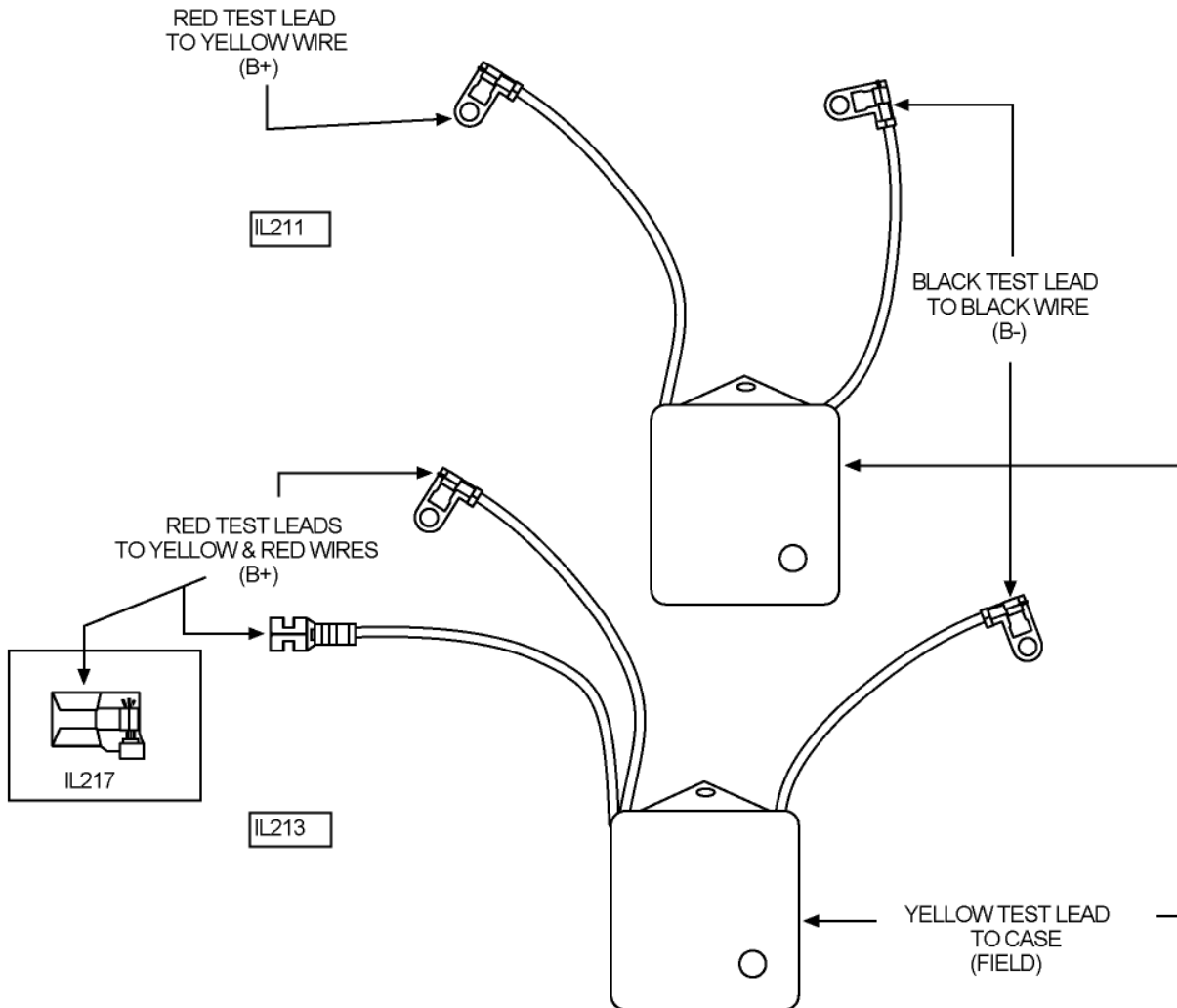


# TRANSCO TESTER INSTRUCTIONS

for       LUCAS       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL211	A	12	14.2				
IL213	A	12	14.2				
IL217	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

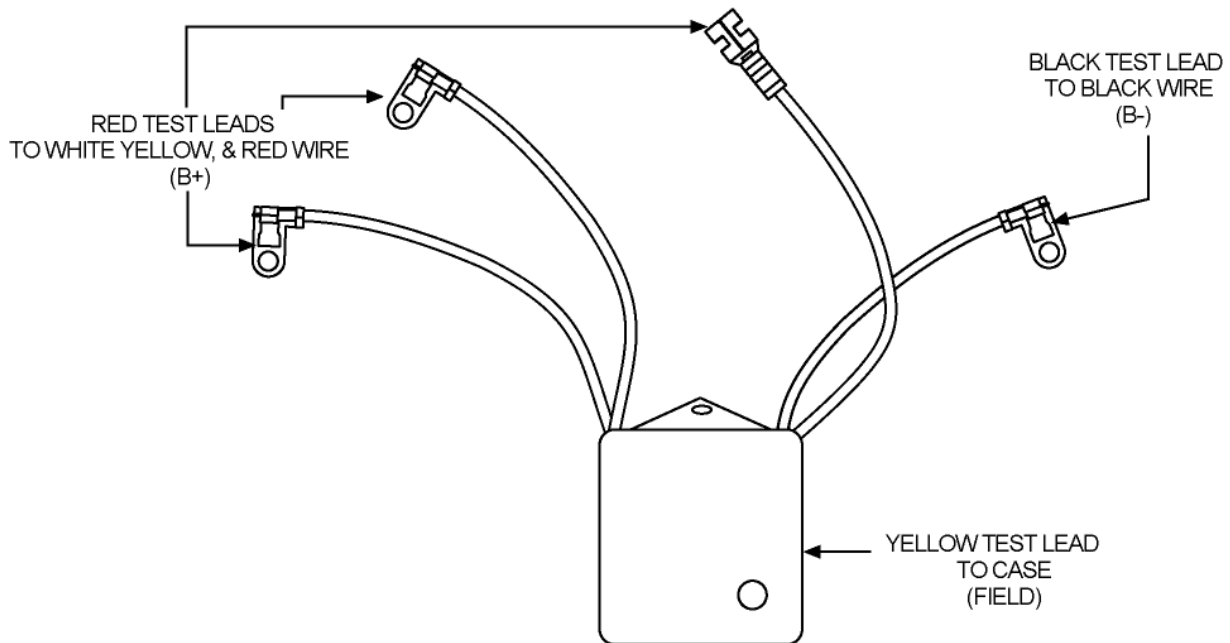


# TRANSPO TESTER INSTRUCTIONS

for       LUCAS       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL214	A	12	14.2				
IL215	A	12	14.2				
IL216	A	12	14.2				
IL218	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

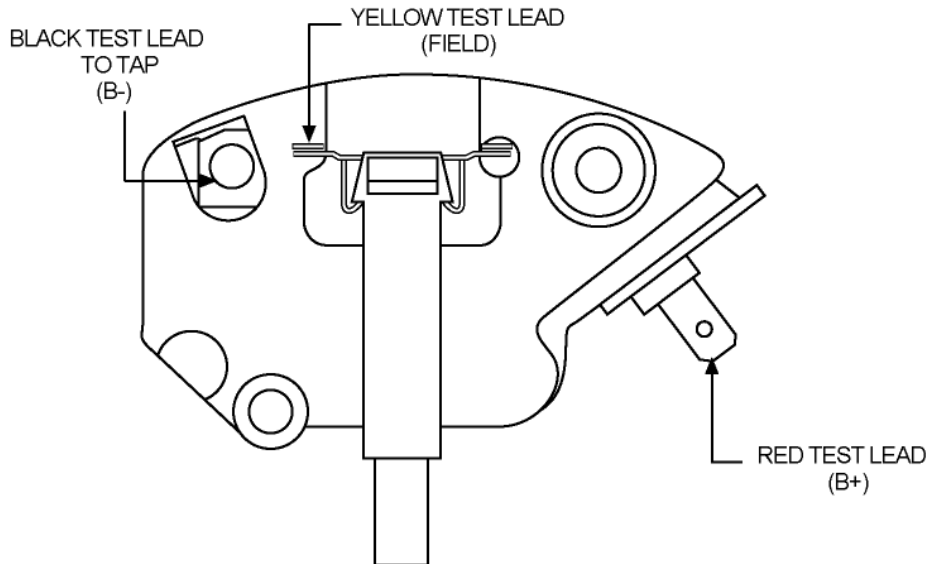


# TRANSCO TESTER INSTRUCTIONS

for       LUCAS       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL223	A	12	14.3				
IL225	A	24	28.1				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

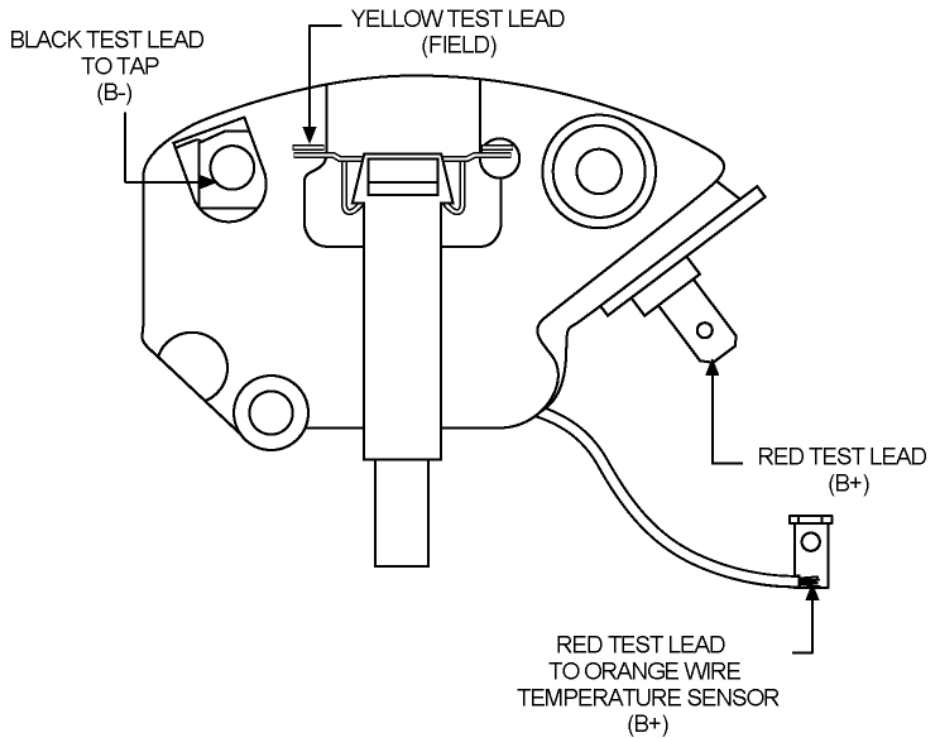


# TRANSPO TESTER INSTRUCTIONS

for       LUCAS       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL224	A	12	12.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

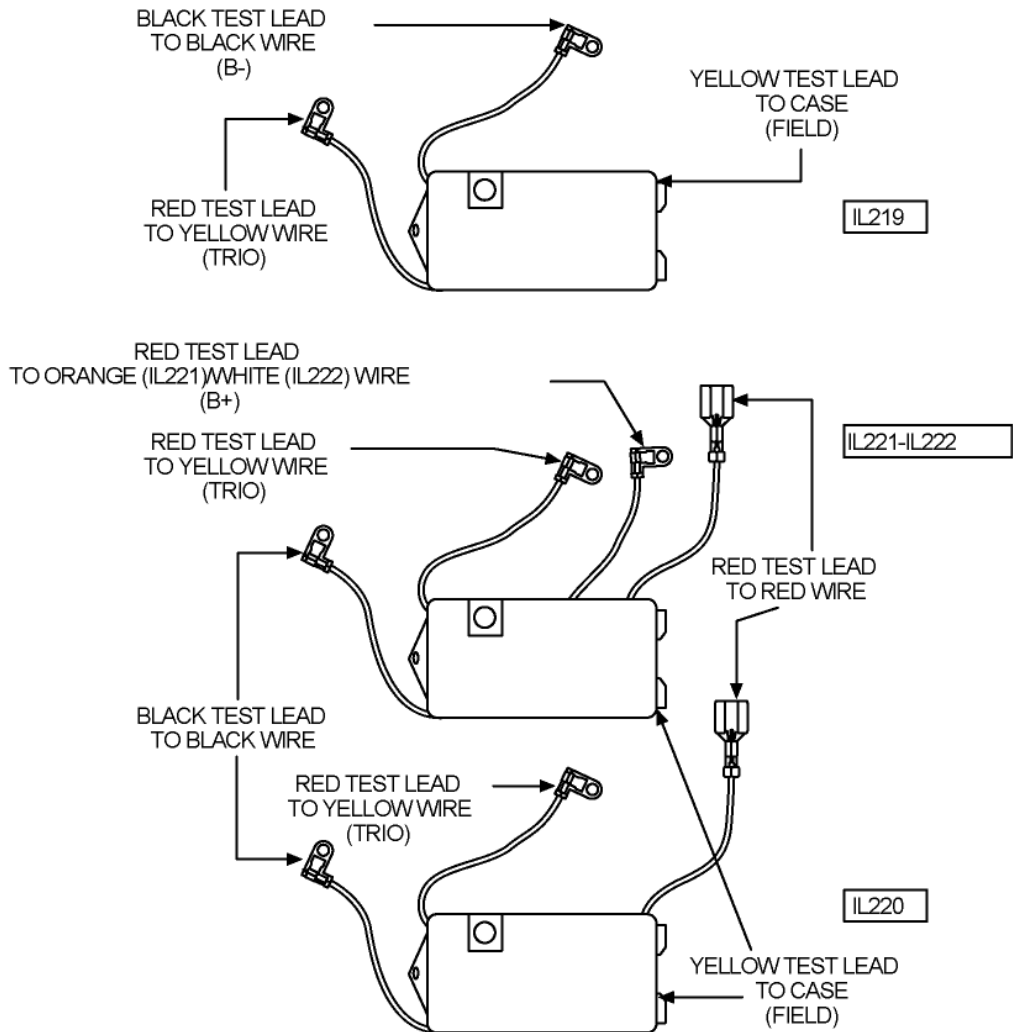


# TRANSCO TESTER INSTRUCTIONS

for           LUCAS           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL219	A	12	14.3				
IL220	A	12	14.3				
IL221	A	12	12.3				
IL222	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

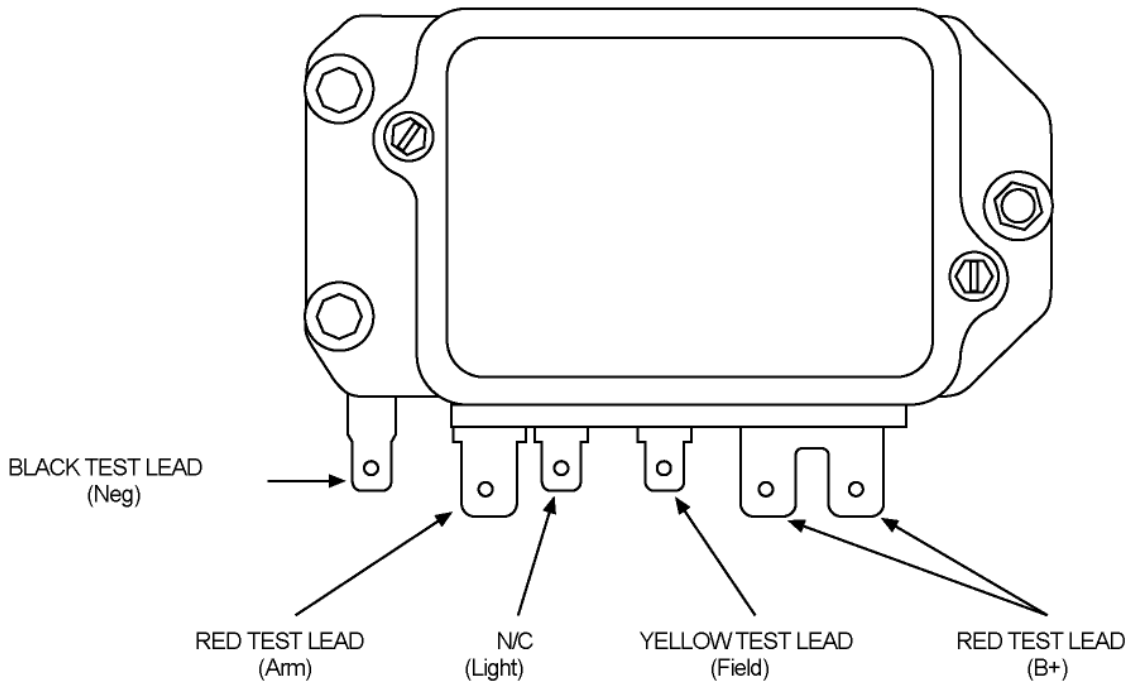


# TRANSPO TESTER INSTRUCTIONS

for       LUCAS       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IL1292	B	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



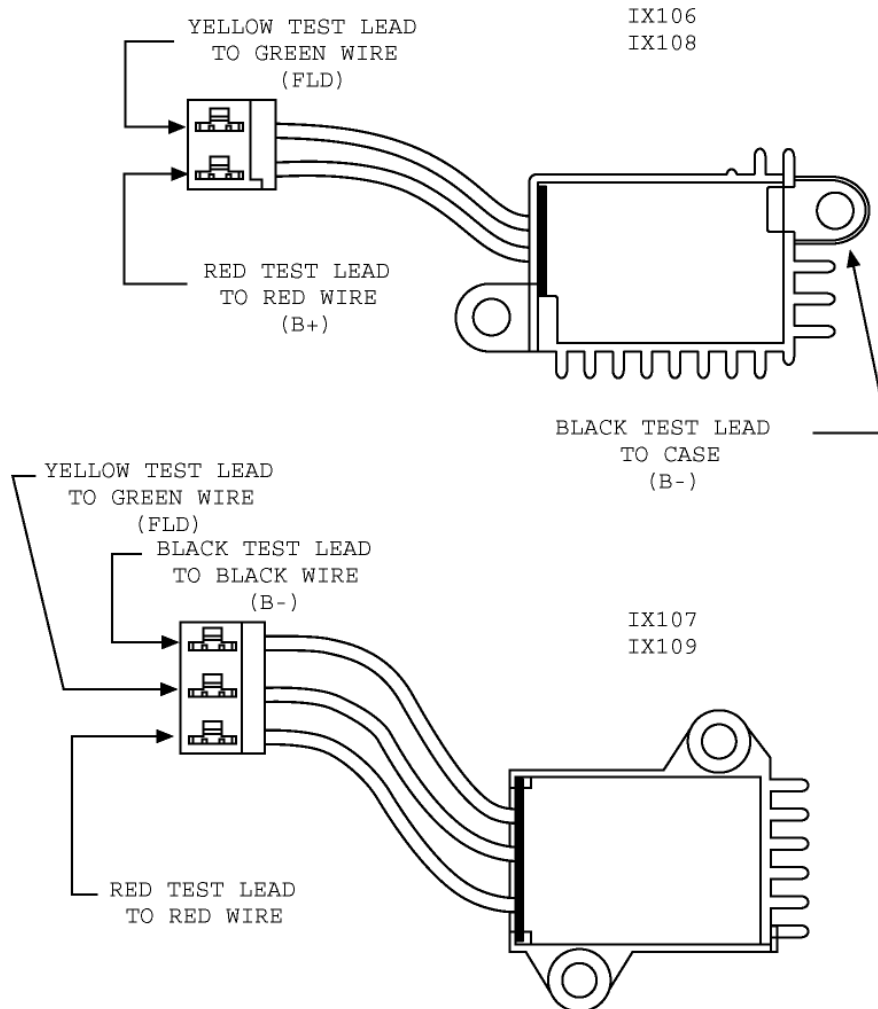


# TRANPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX106	A	12	14.2				
IX107	A	12	14.2				
IX108	A	24	28.0				
IX109	A	24	28.0				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

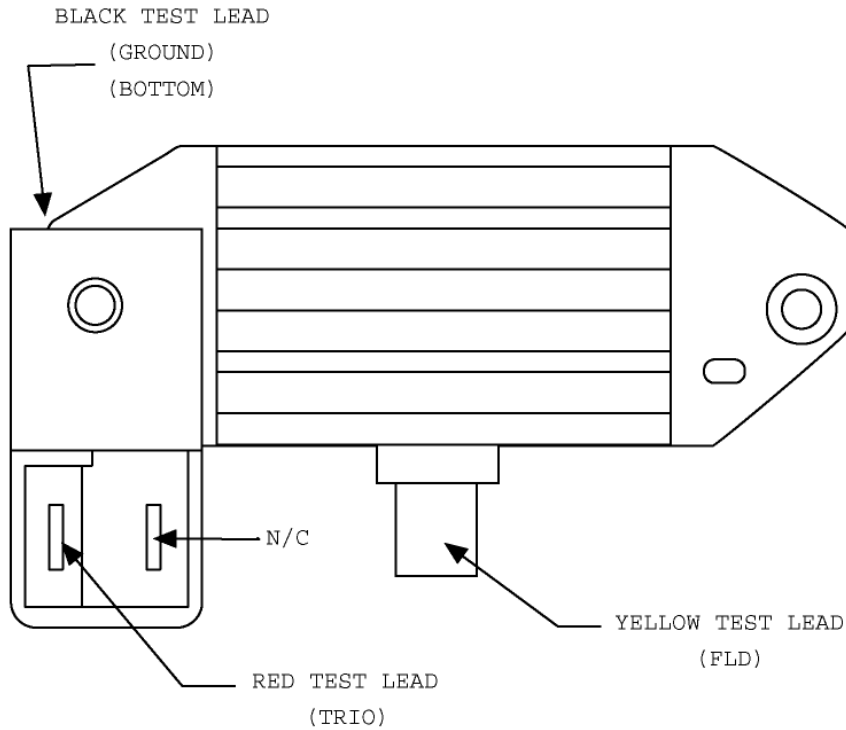


# TRANPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX110	A	12	14.5				
IX111	A	24	28.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

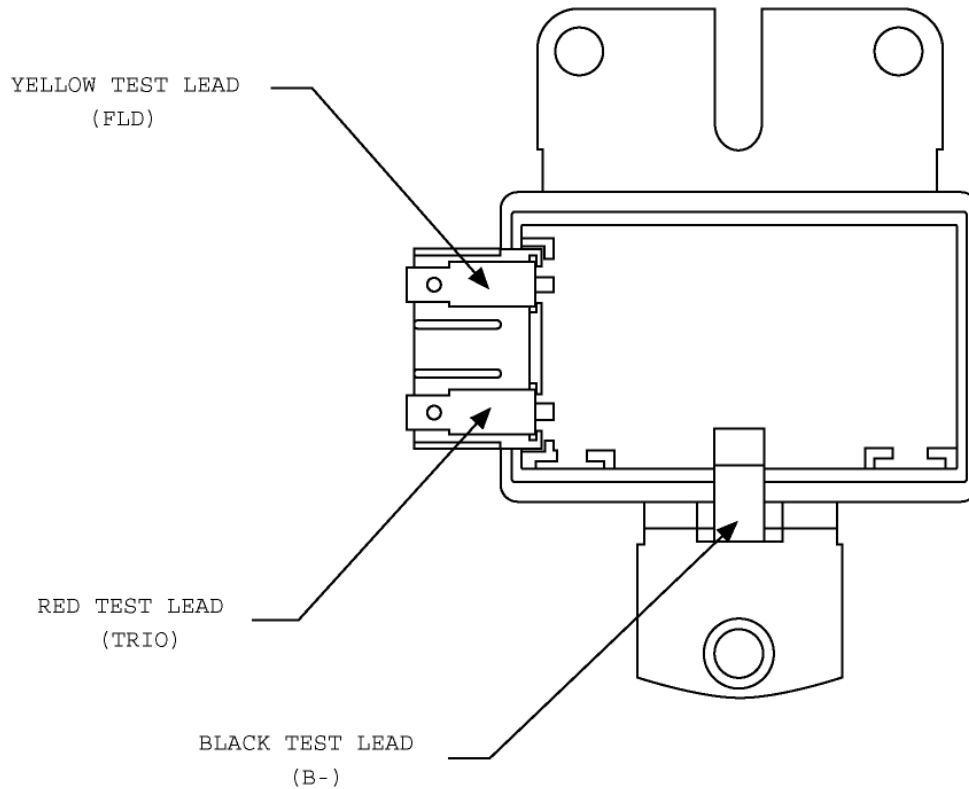


# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IX4004</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

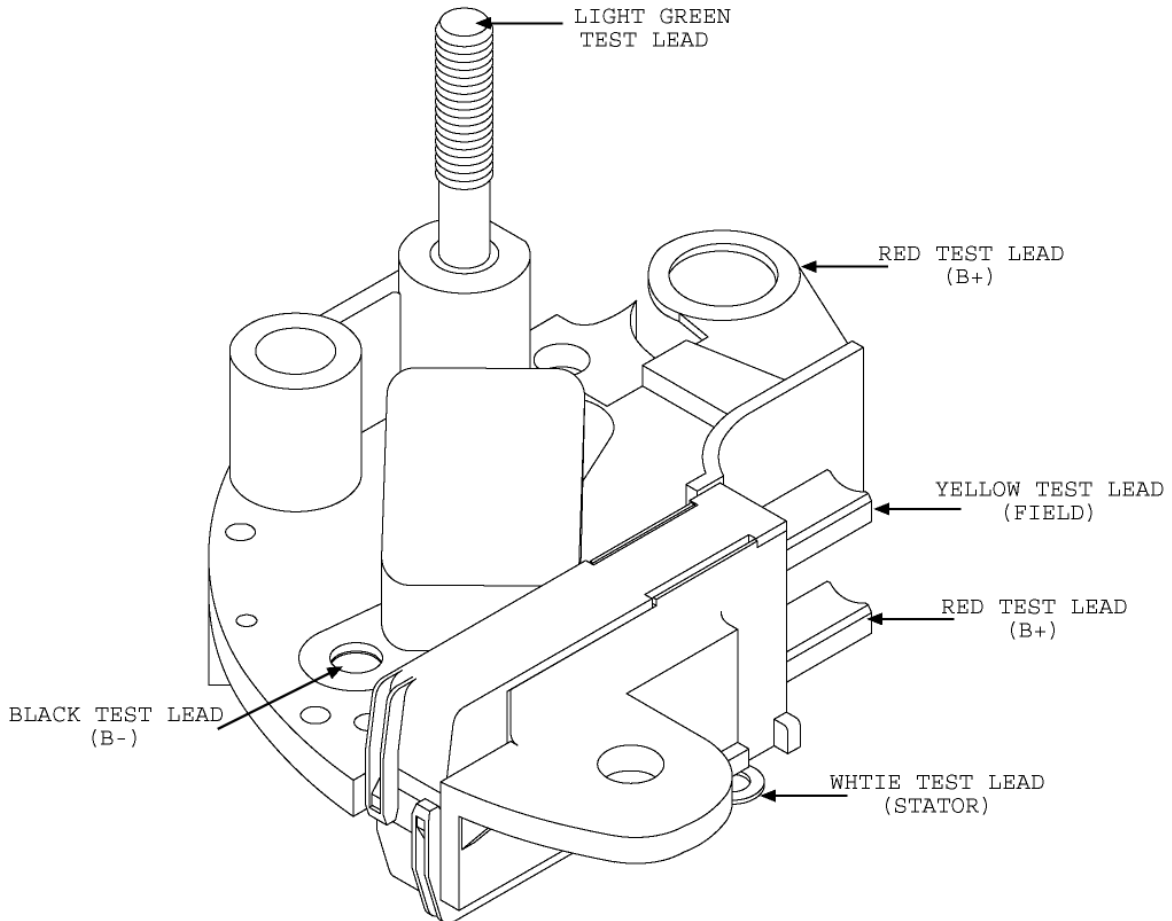


# TRANPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX121	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from stator terminal. Indicator light will come on. Field light will stay on and meter will read approximately 12 volts.

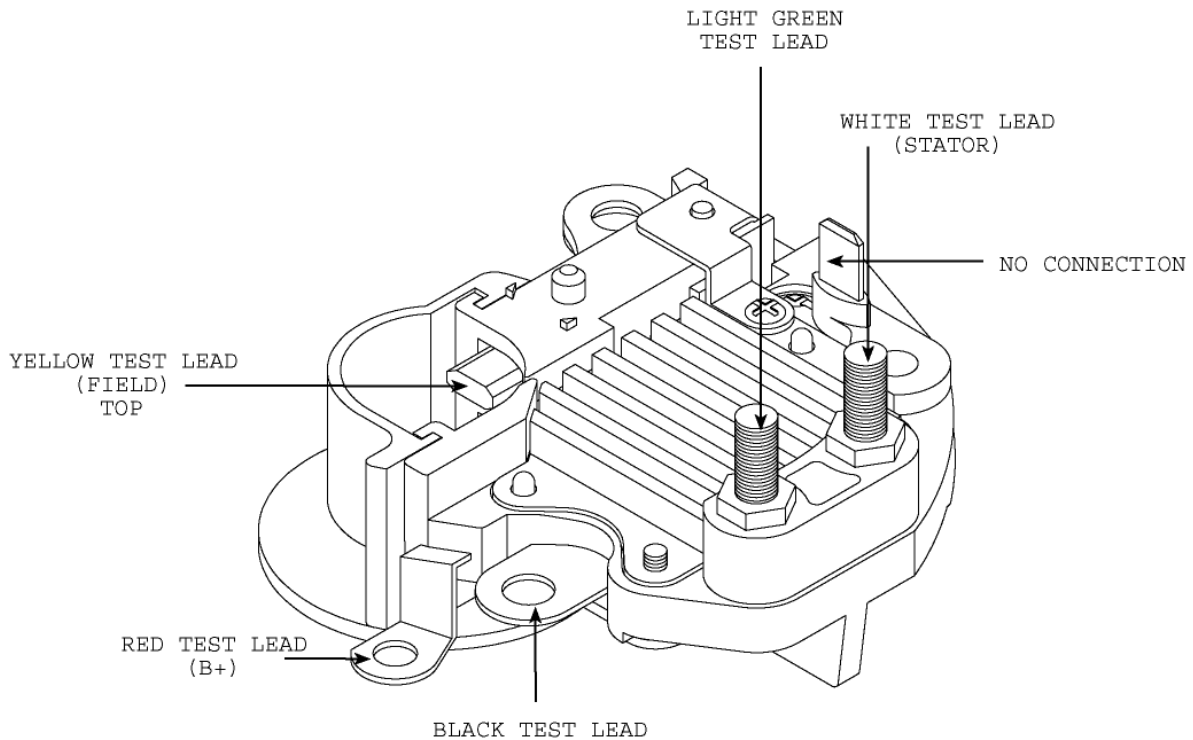


# TRANSCO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX127	A	12	14.2				
IX128	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from stator terminal . Indicator light will come on. Field light will stay on and meter will read approximately 12 volts.

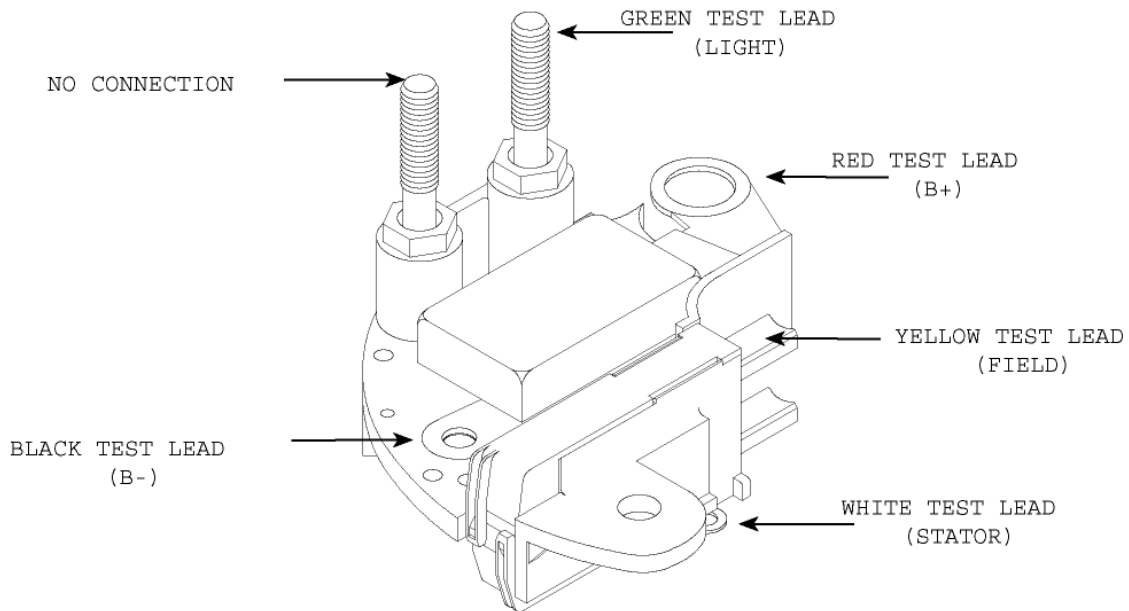


# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IX123	A	12	14.1				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from stator terminal. Indicator light will come on. Field light will stay on and meter will read approximately 12 volts.

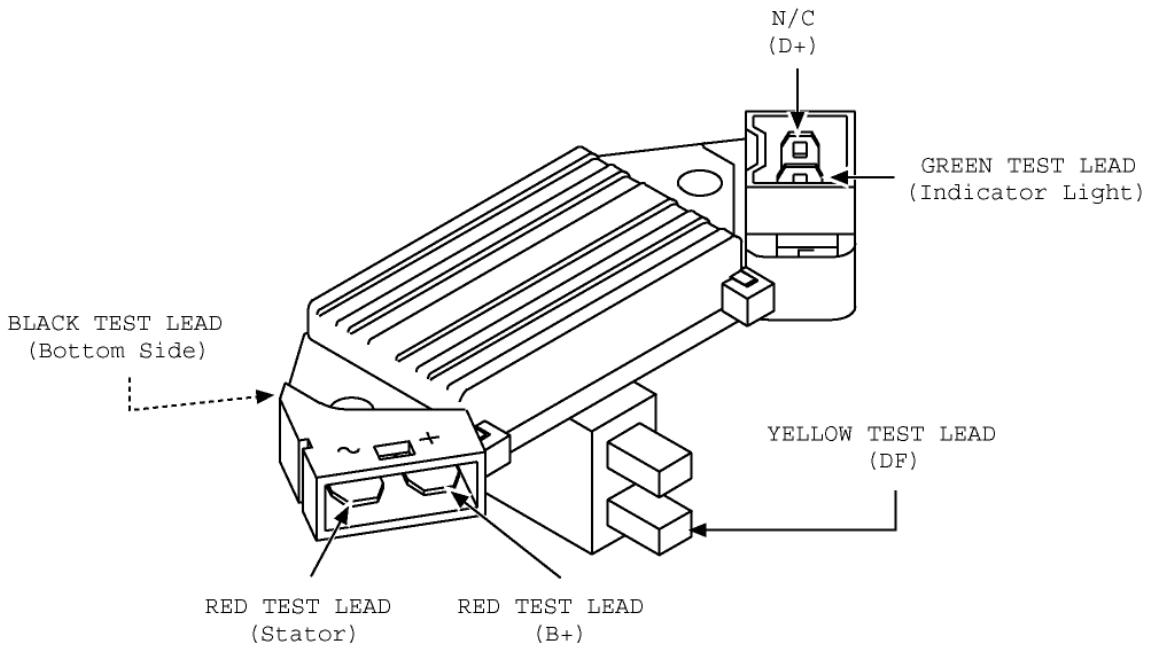


# TRANSPO TESTER INSTRUCTIONS

for MAGNETI-MARELLI type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IX118</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red lead from stator and voltage will remain the same. Field lamp will flicker and 12V lamp come on.

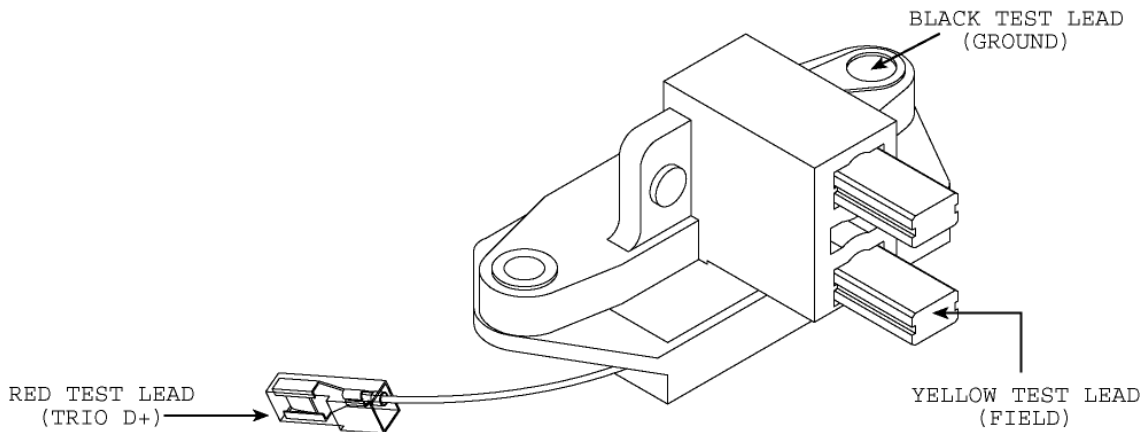


# TRANSPO TESTER INSTRUCTIONS

for     MAGNETON-PAL     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>MP293</b>	<b>A</b>	<b>14</b>	<b>28.4</b>				
<b>MP291</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



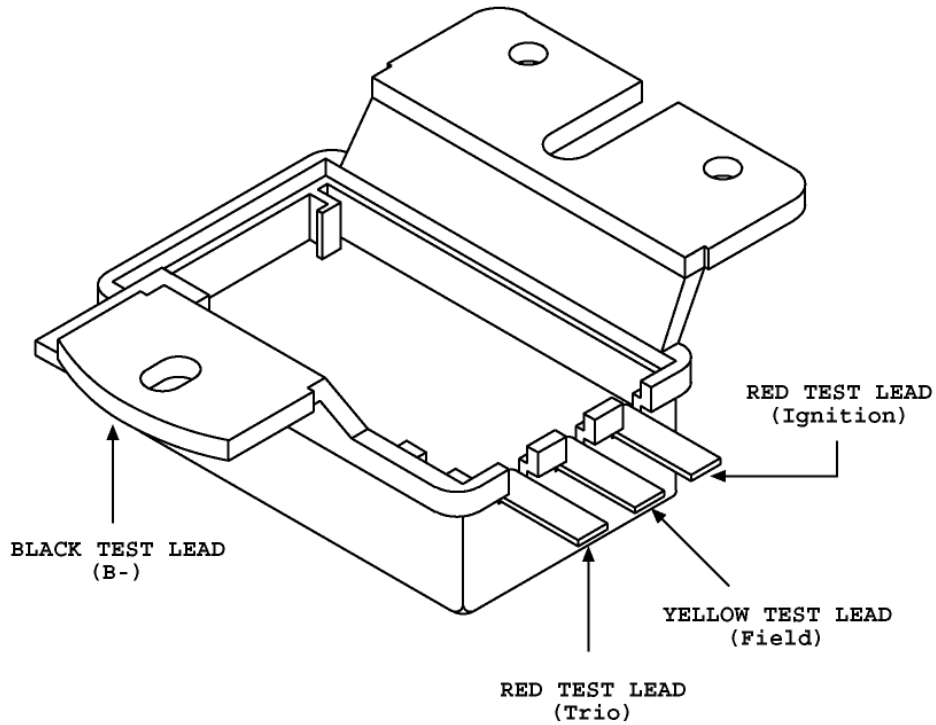


# TRANSPO TESTER INSTRUCTIONS

for     MAGNETON-PAL     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>MP417</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

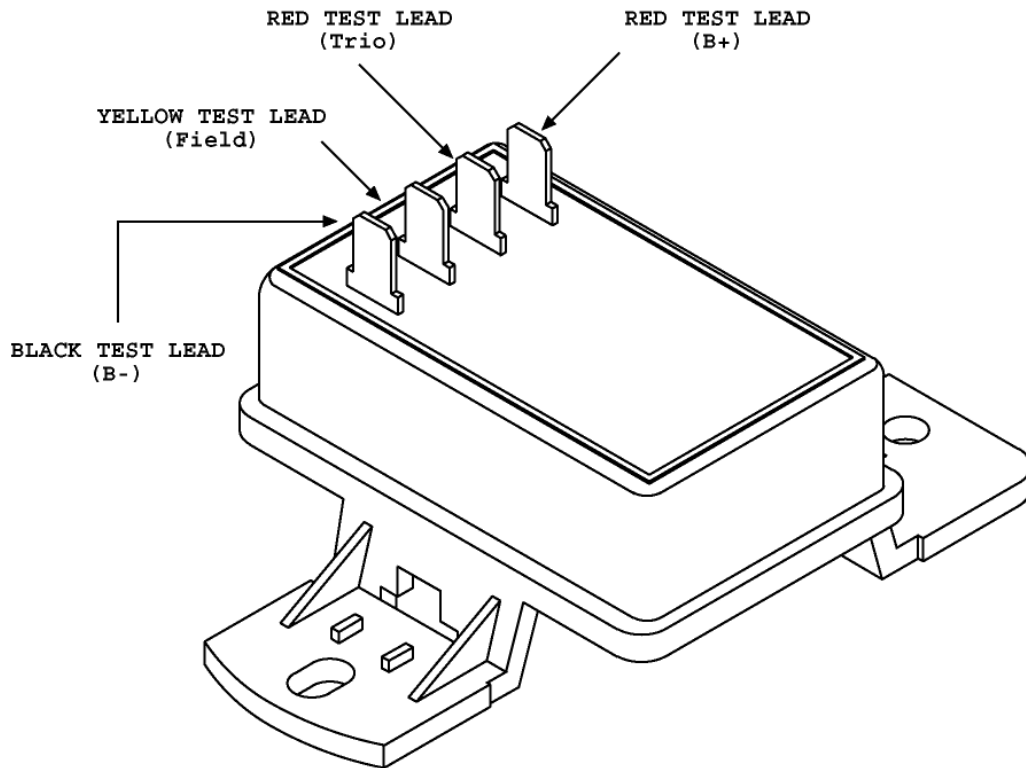


# TRANSPO TESTER INSTRUCTIONS

for     MAGNETON-PAL     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>MP419</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

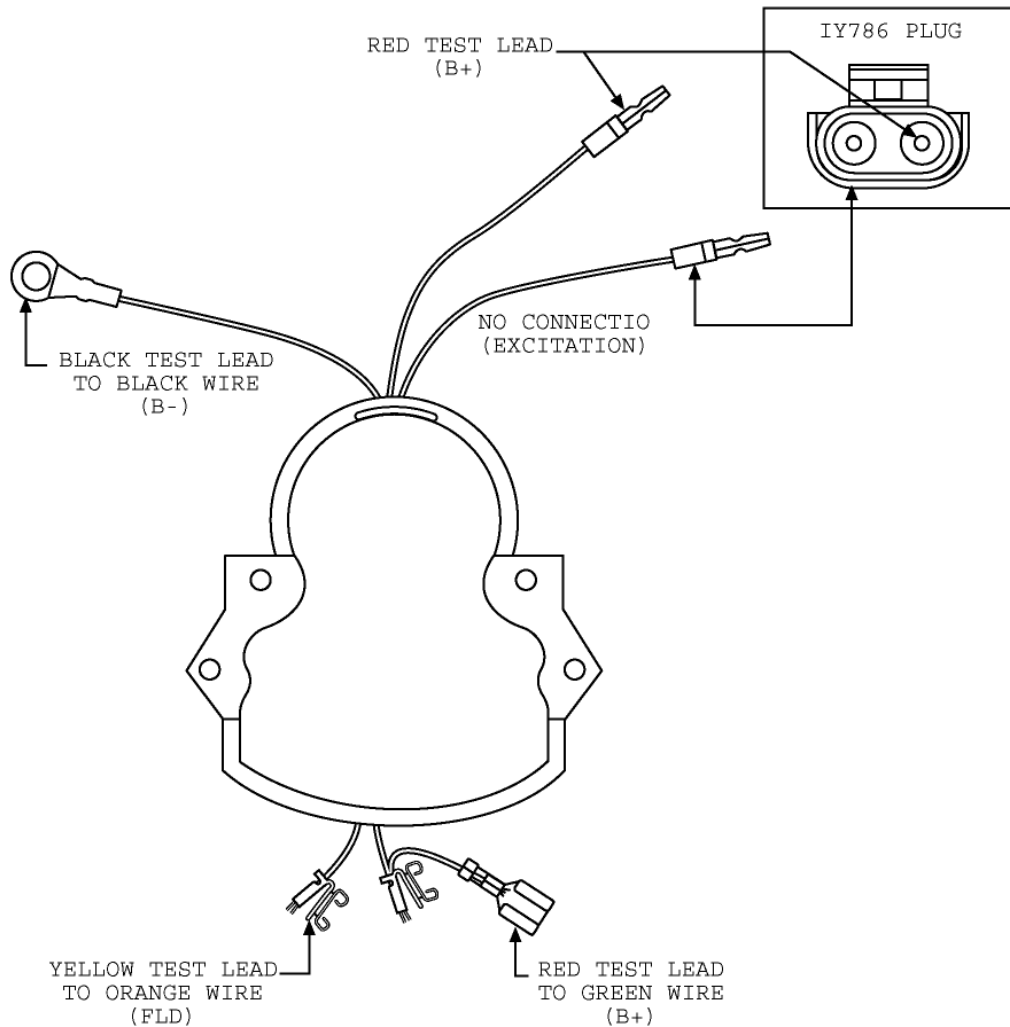


# TRANSCO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY785	A	12	14.6				
IY786	A	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

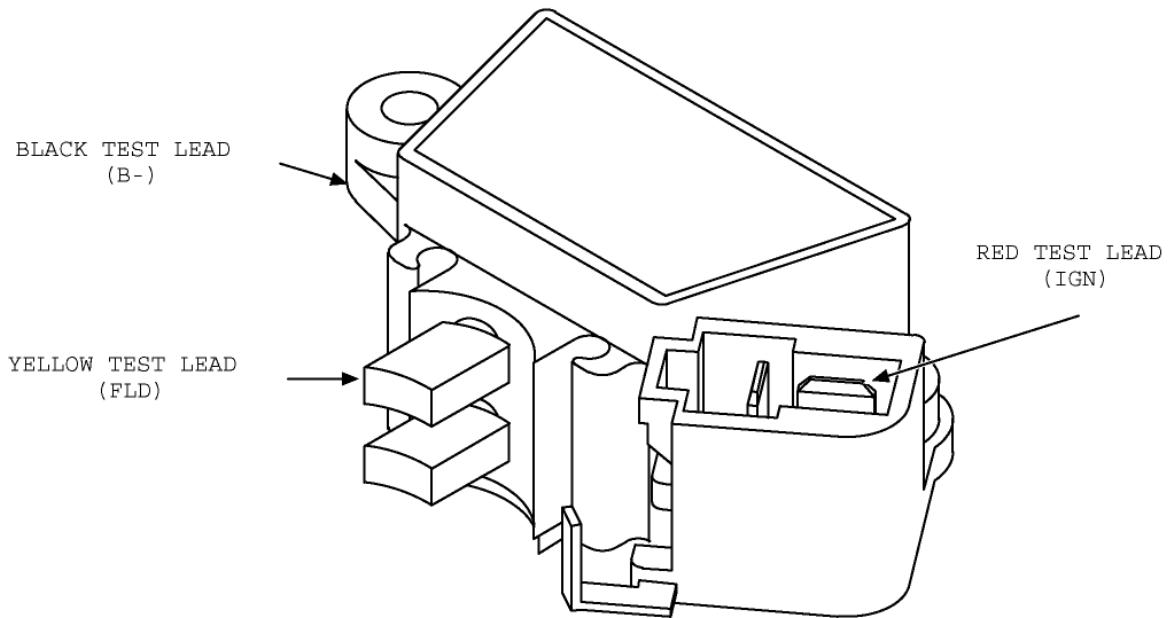


# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IY510</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

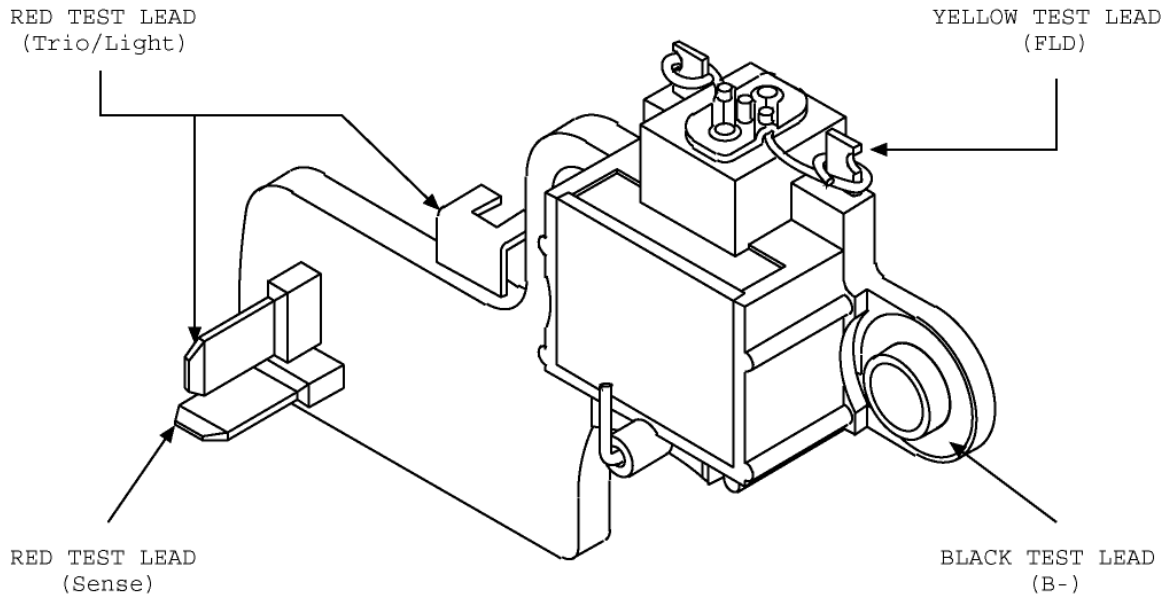


# TRANSPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IY422	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Disconnect sense (Red) lead, voltage should go to 15.5V.

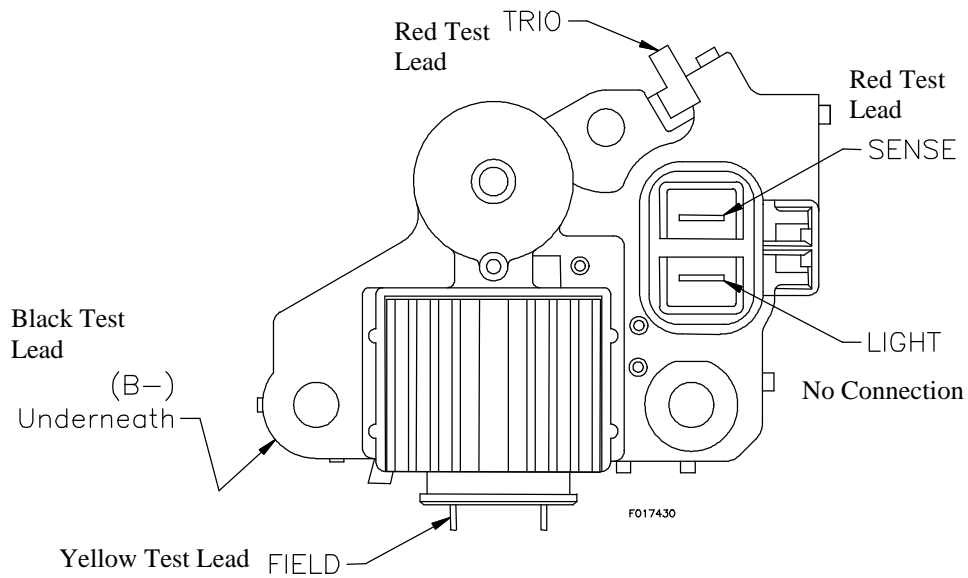


# TRANPO TESTER INSTRUCTIONS

for MANDO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IY058</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from "S" terminal. Voltage will go up to approximately 15.5V.

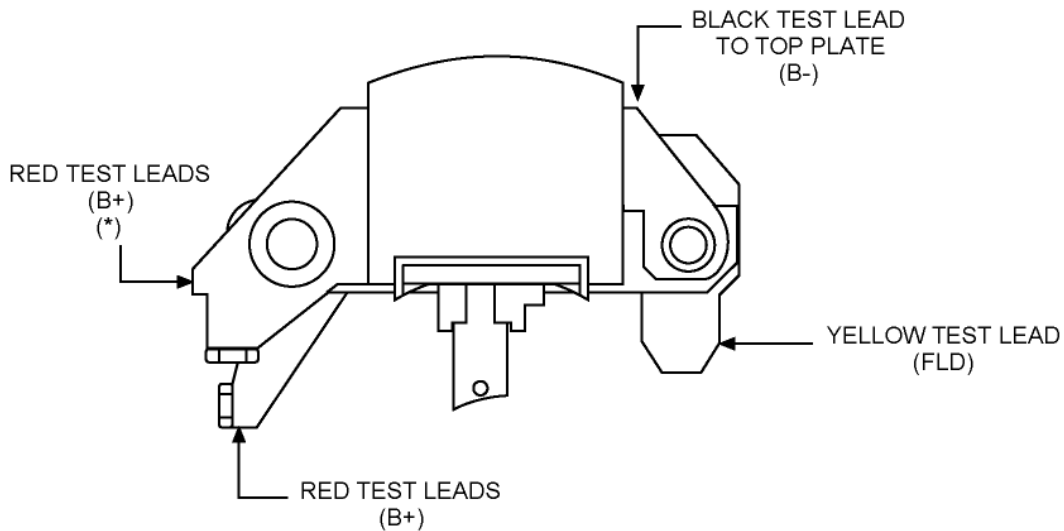


# TRANSCO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM204</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>IM204HD</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>IM205</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>IM225</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** On IM225 regulator, remove red test lead from terminal marked "\*". Field lamp should still blink and the meter will indicate approximately 15.4V.

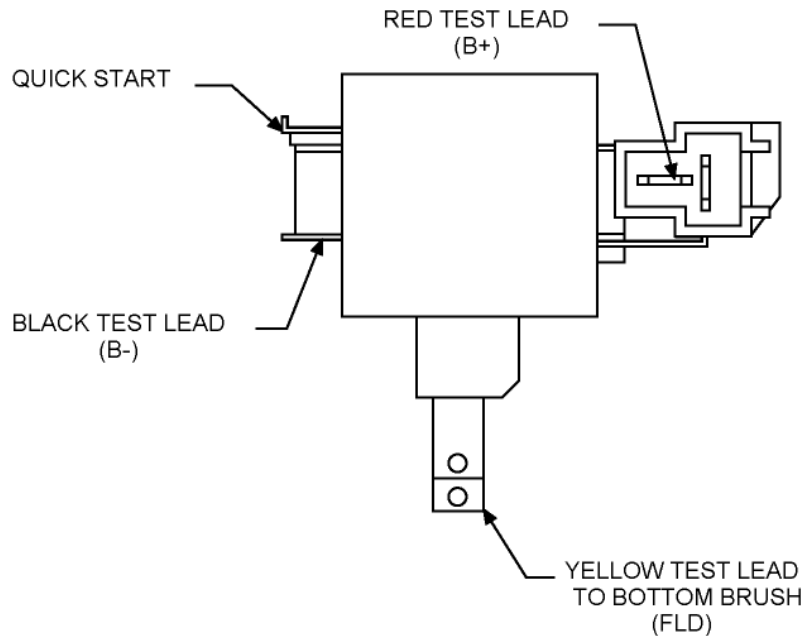


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM224</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Connect another black test lead to terminal marker "Quick Start". Field lamp should still blink and the meter will indicate approximately 13.0V.





# TRANPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

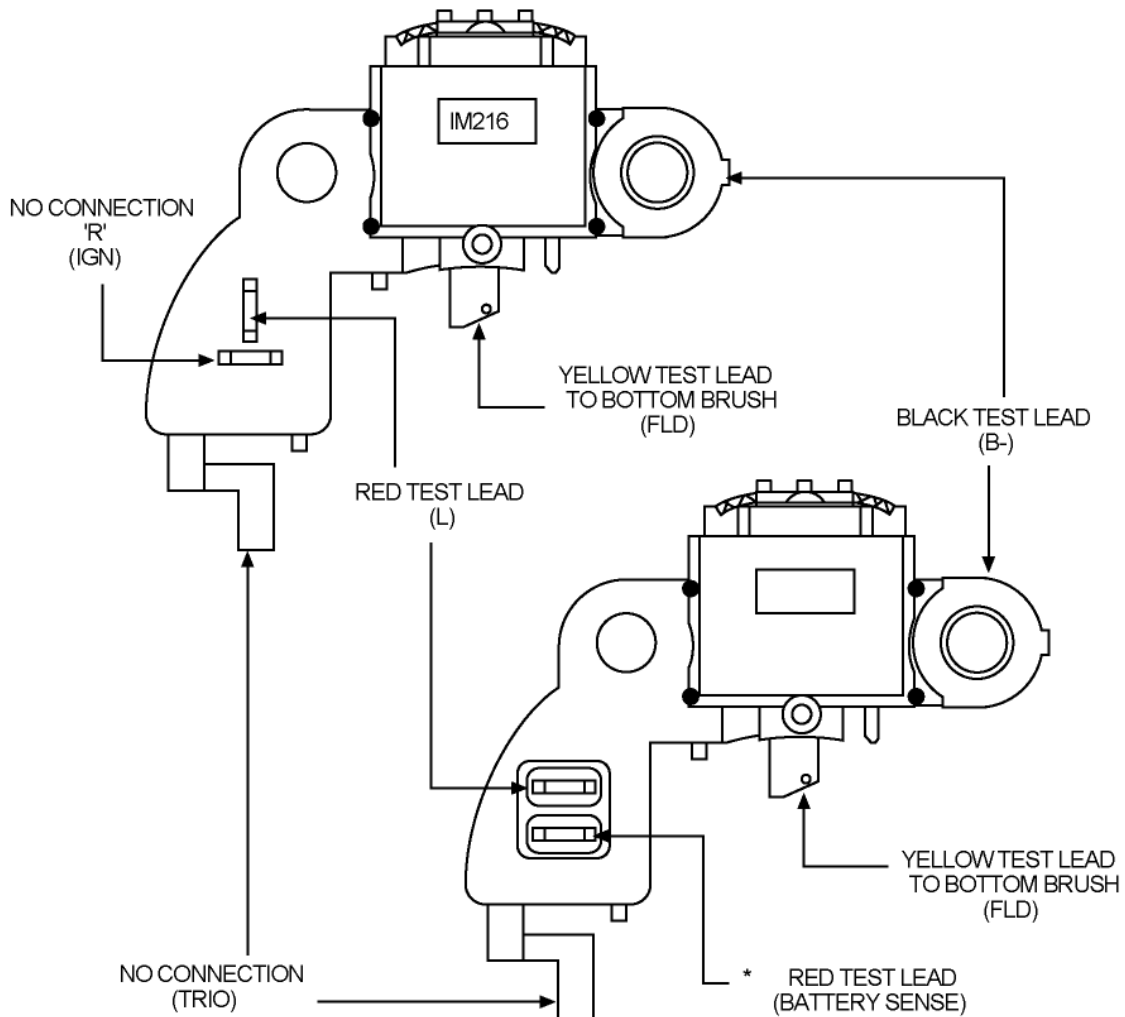
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM216</b>	<b>A</b>	<b>12</b>	<b>14.5</b>	<b>IM217</b>	<b>A</b>	<b>12</b>	<b>14.3</b>
<b>IM216HD</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM289</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM217HD</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** On IM217 Regulator, remove red test lead from terminal marked "\*". Field lamp should still blink and the meter will indicate approximately 15.4V.



# TRANSPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

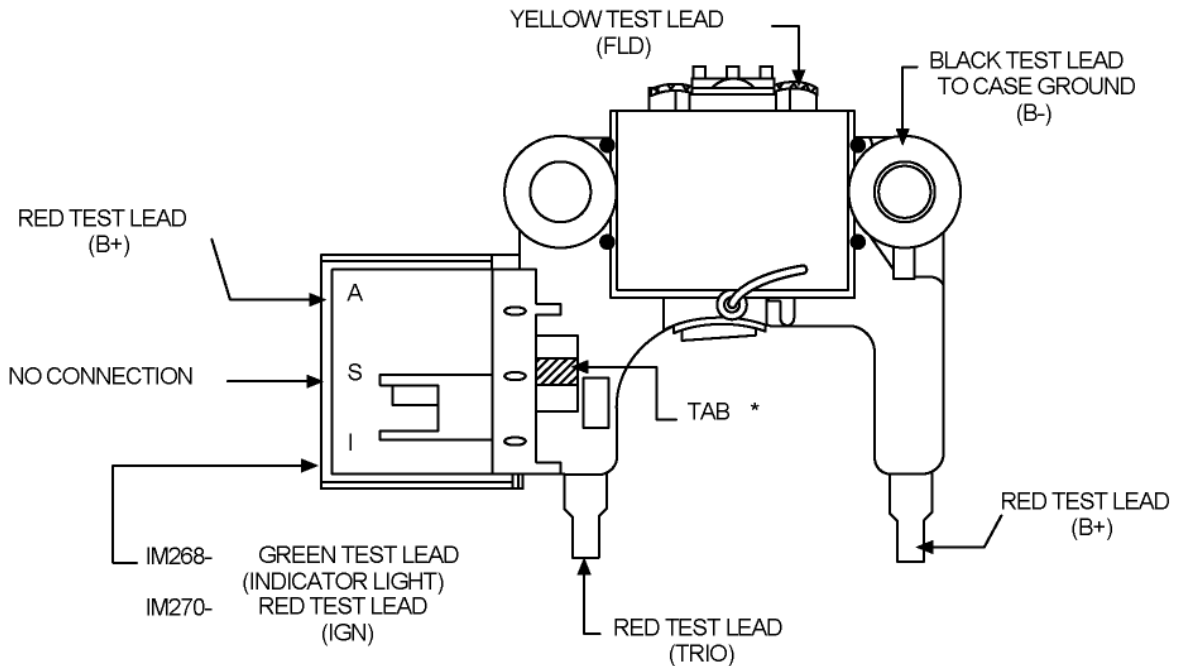
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM268</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM270</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** On IM268, removal of red test lead from terminal marked "A" should result in the indicator light to turn on and the meter will indicate approximately 15.7V. On IM270, Removal of test lead "A" terminal should result in the meter to indicate approximately 15.7V.



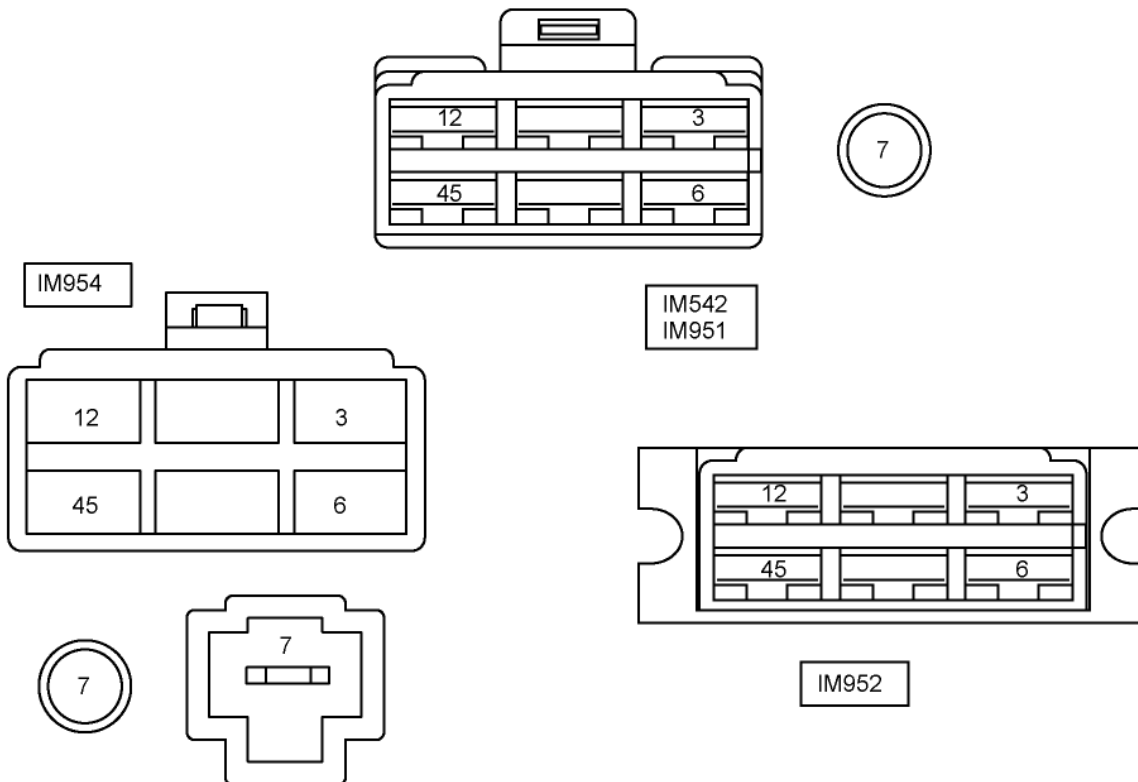
\* NOTE:  
 IF THE TAB IS CUT, IT IS AN IM268  
 IF INTACT, IT IS AN IM270

# TRANSPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM542	B	12	14.3				
IM951	B	12	14.3				
IM954	B	12	14.3				
IM952	B	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove Red test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate the set point voltage.



- NOTES:**
- 1- RED TEST LEAD (IGN)
  - 2- YELLOW TEST LEAD (FLD)
  - 3- GREEN TEST LEAD (I.L.)
  - 4- RED TEST LEAD (B+)
  - 5- RED TEST LEAD (STA)
  - 6- BLACK TEST LEAD (B-)
  - 7- NO CONNECTION

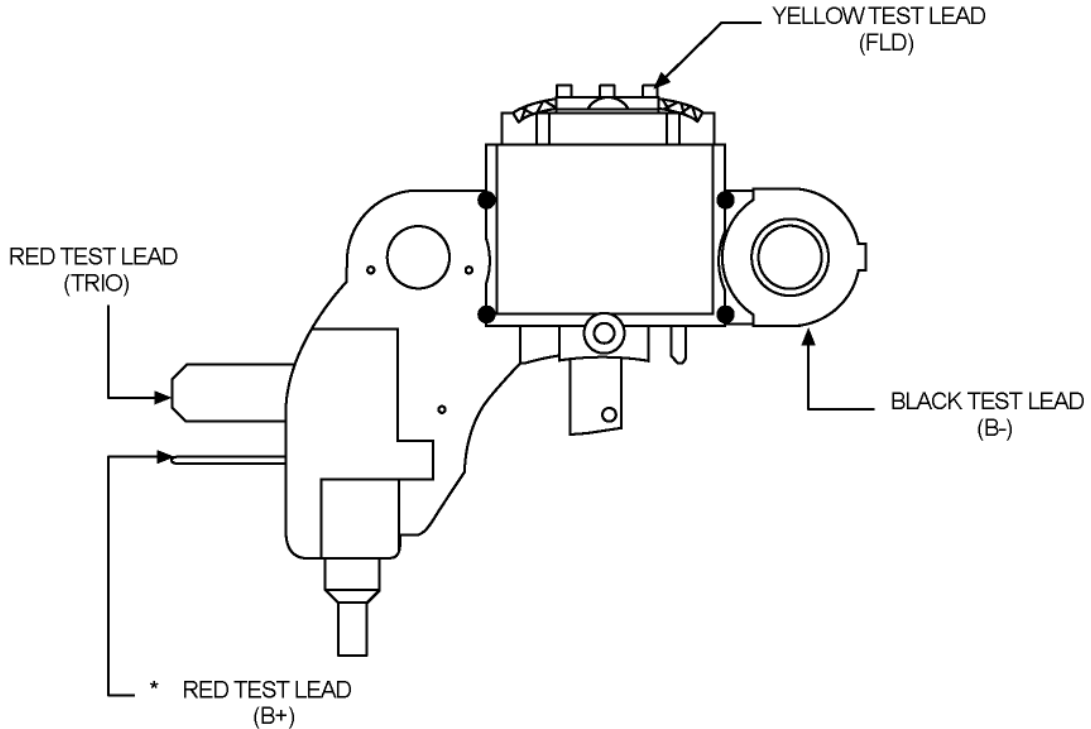
# TRANPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM261</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM269</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** On IM261, remove red test lead from the terminal marked "\*". Field lamp should still blink and the meter will indicated approximately 15.4 v.

IM261 (S&L)  
IM269 (R&L)

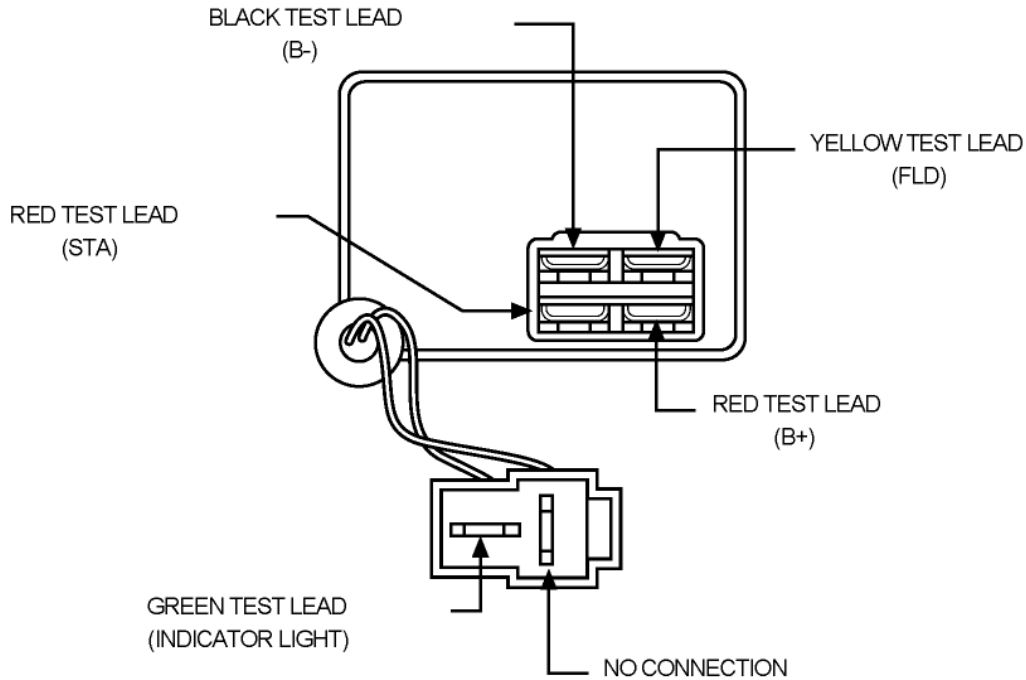


# TRANSCO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM604</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate set point voltage.

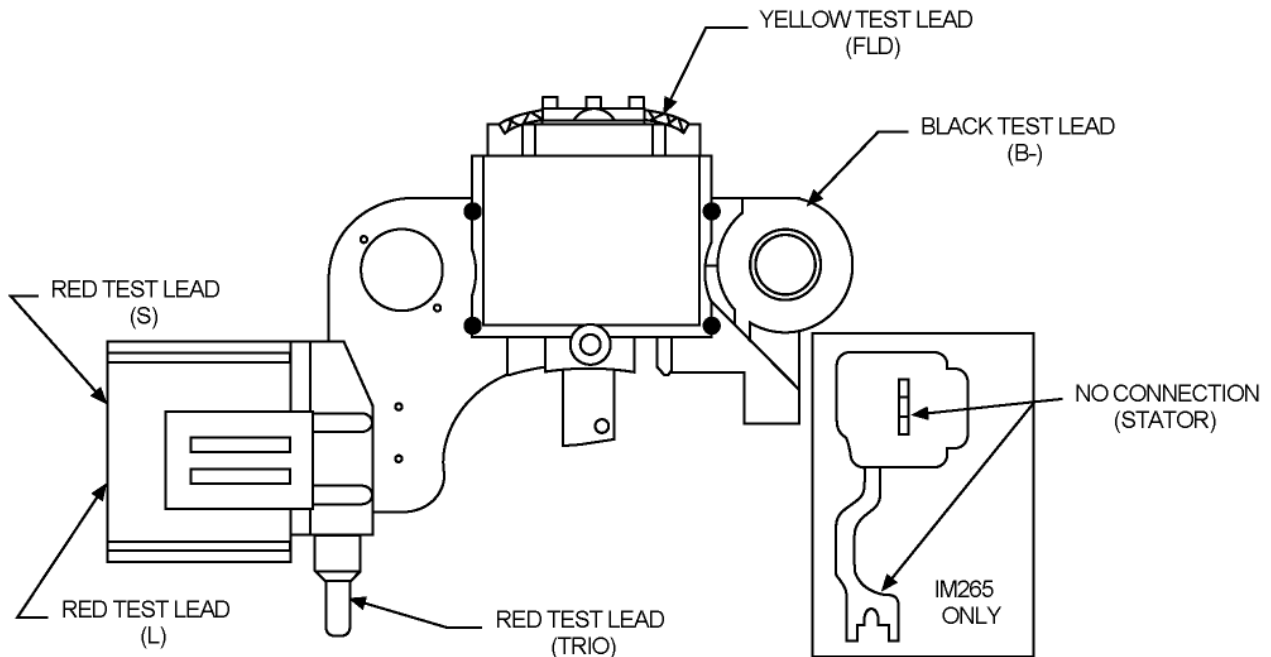


# TRANPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM262</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM263</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM265</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM265HD</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 1.5V above the set point voltage.

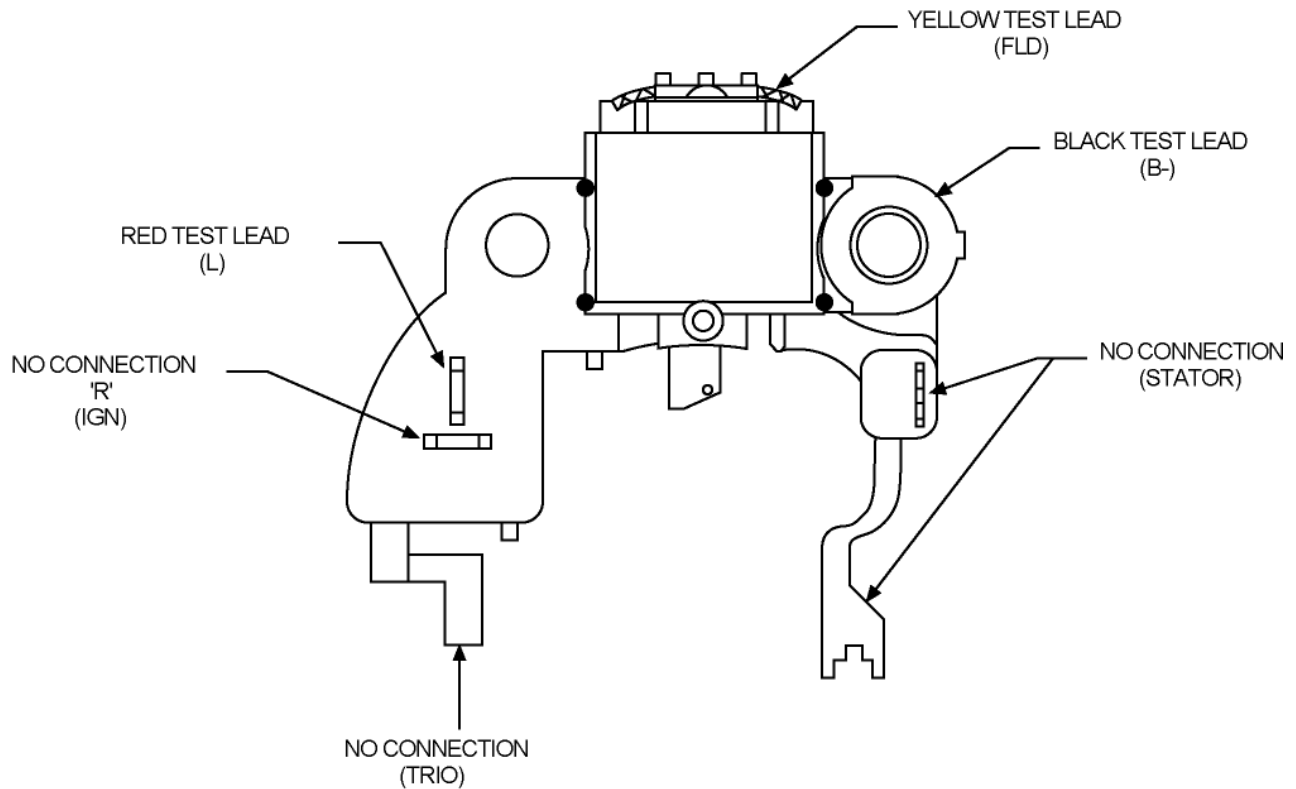


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM266</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM266HD</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

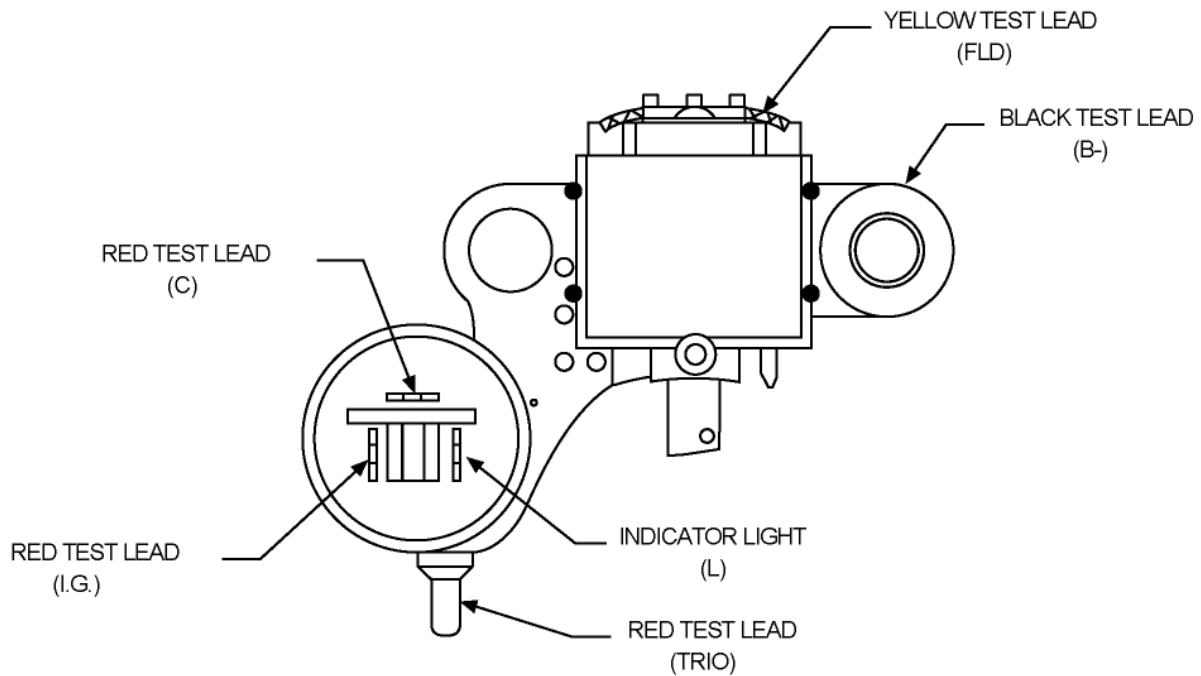


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM267</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "C" and connect a black test lead to it . Field lamp should still blink and the meter will indicate approximately 12.5V.



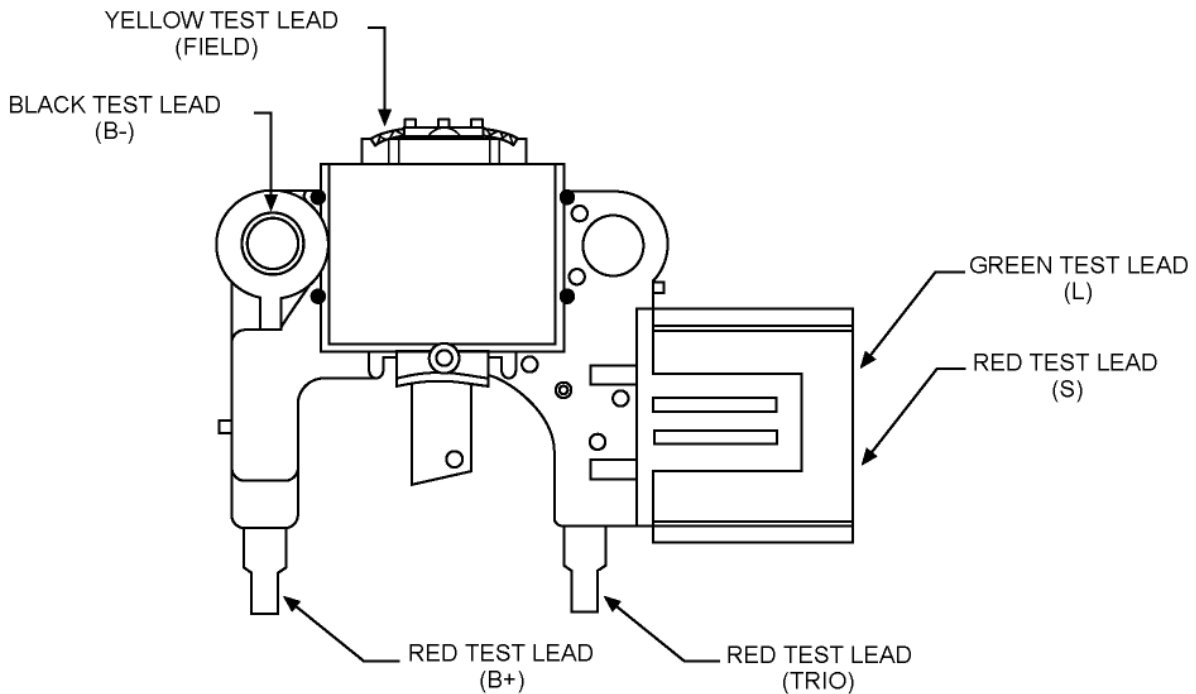


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM271</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink, indicator light turn on and the meter will indicate approximately 15.5V.

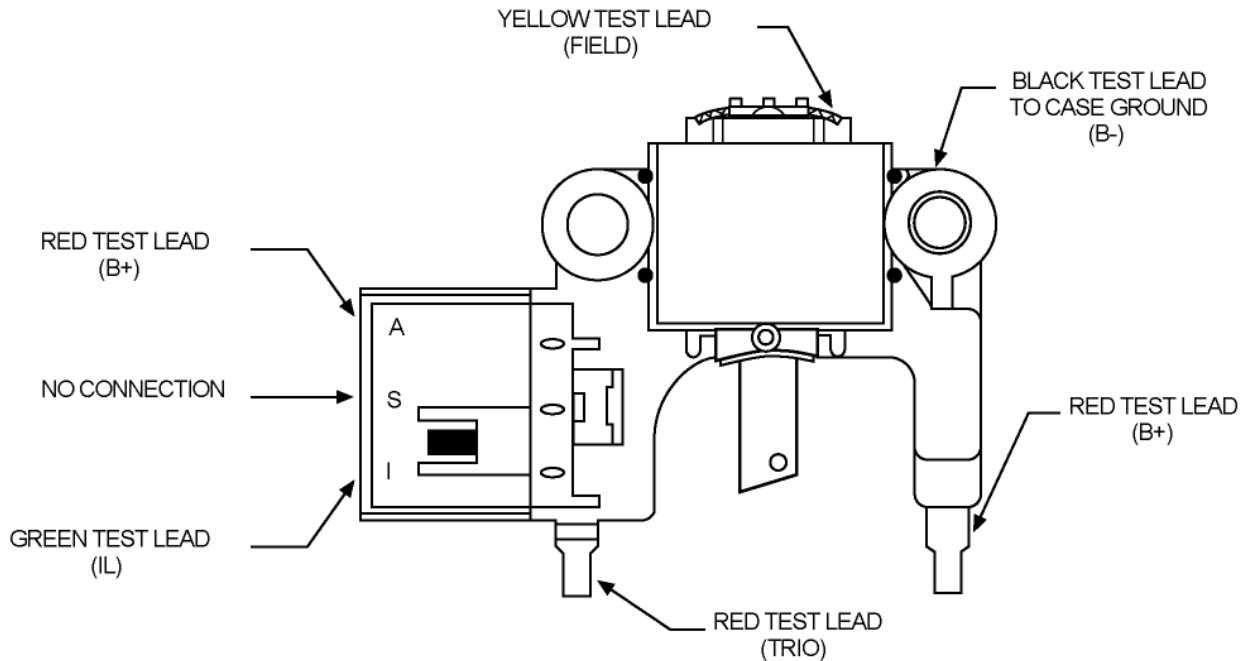


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM272</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "A". Field lamp should still blink , indicator light will turn on and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

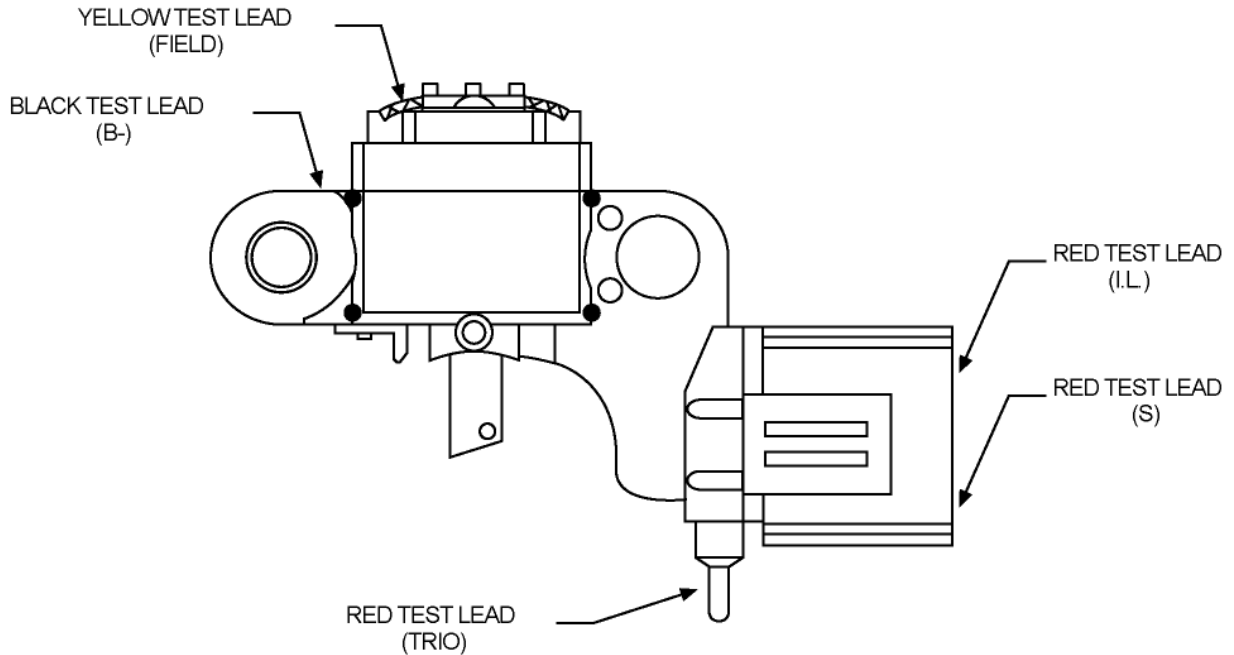
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM274</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.

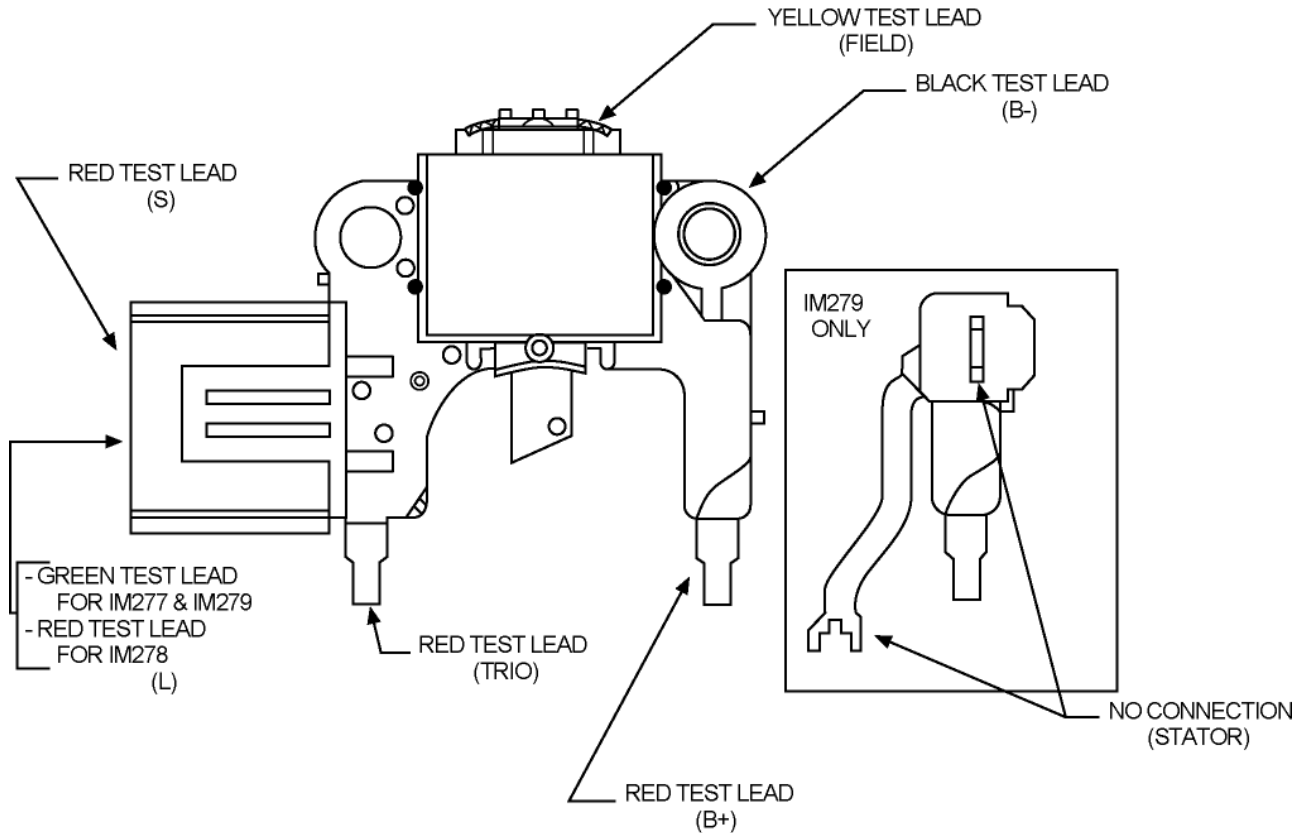


# TRANSPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM277</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM278</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM279</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V. (on IM277 & IM279 indicator light will turn on.)

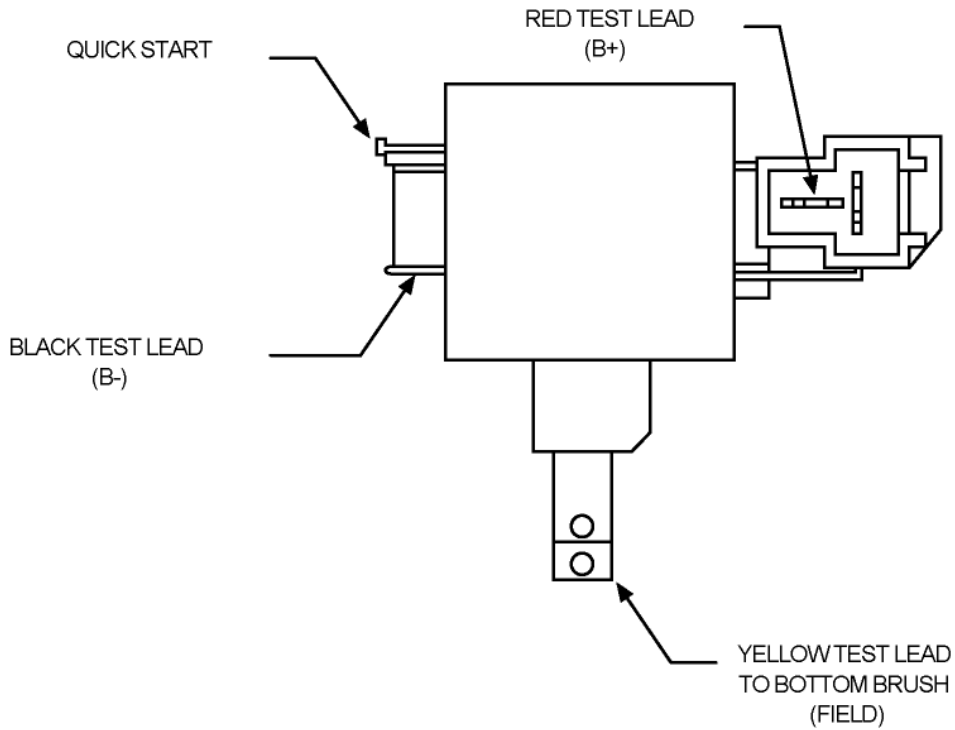


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM226</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

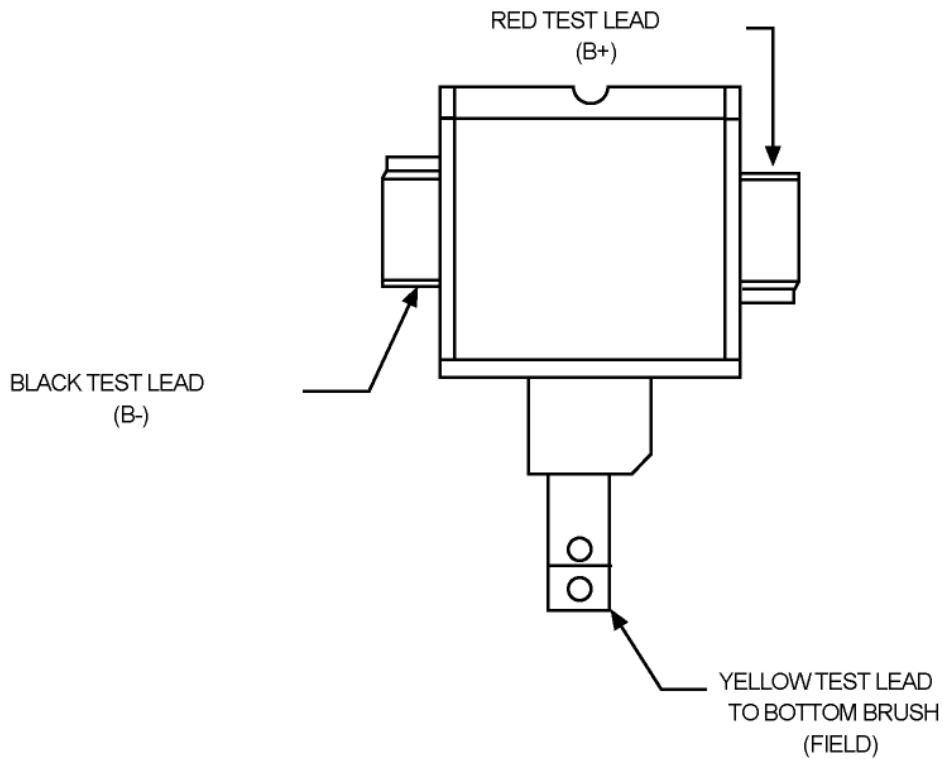


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM215</b>	<b>A</b>	<b>24</b>	<b>28.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

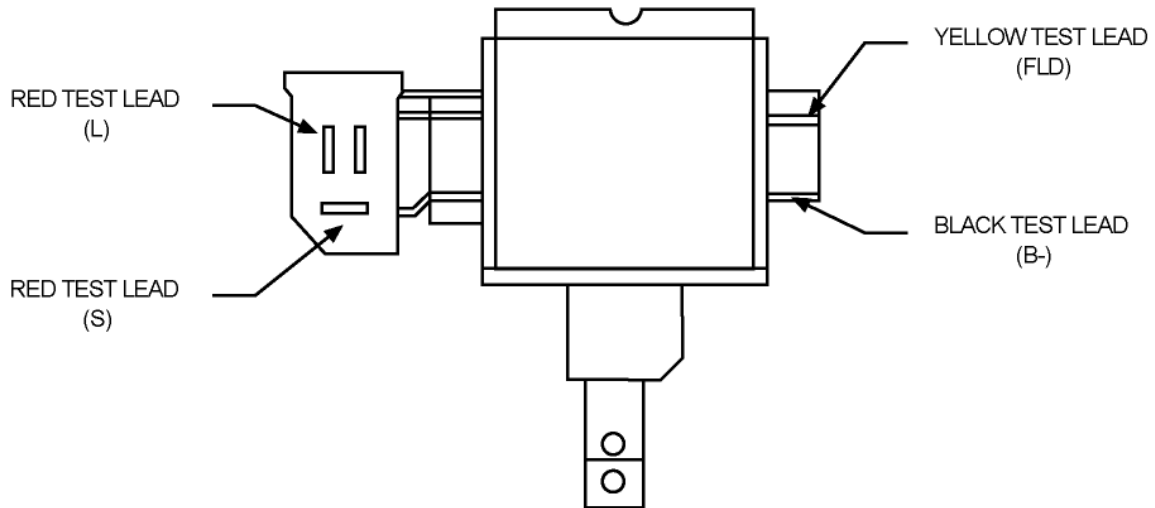


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM227</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

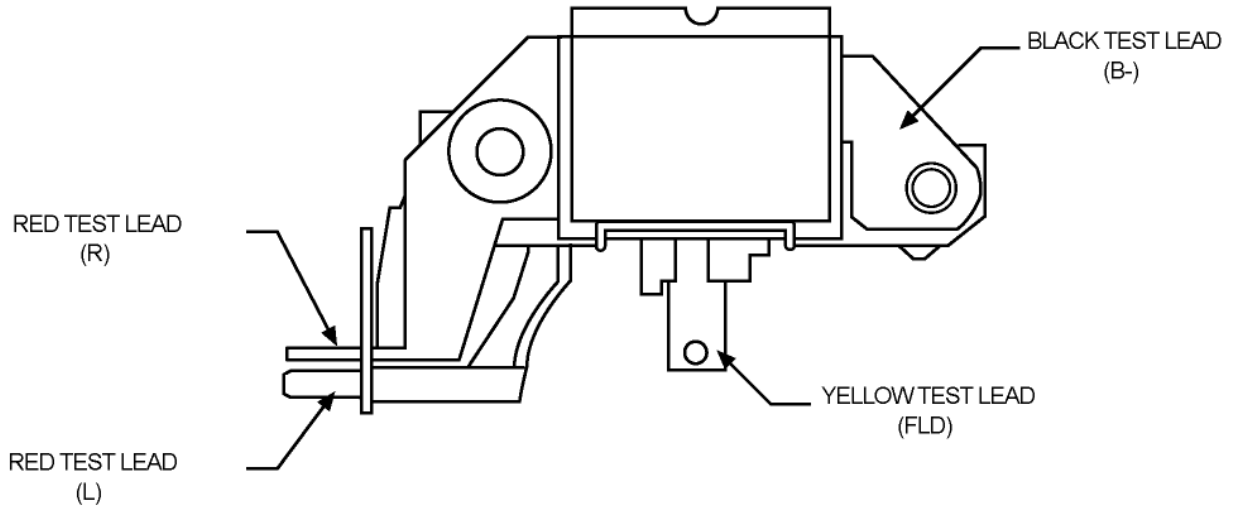


# TRANSCO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM207</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IM213</b>	<b>A</b>	<b>24</b>	<b>28.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



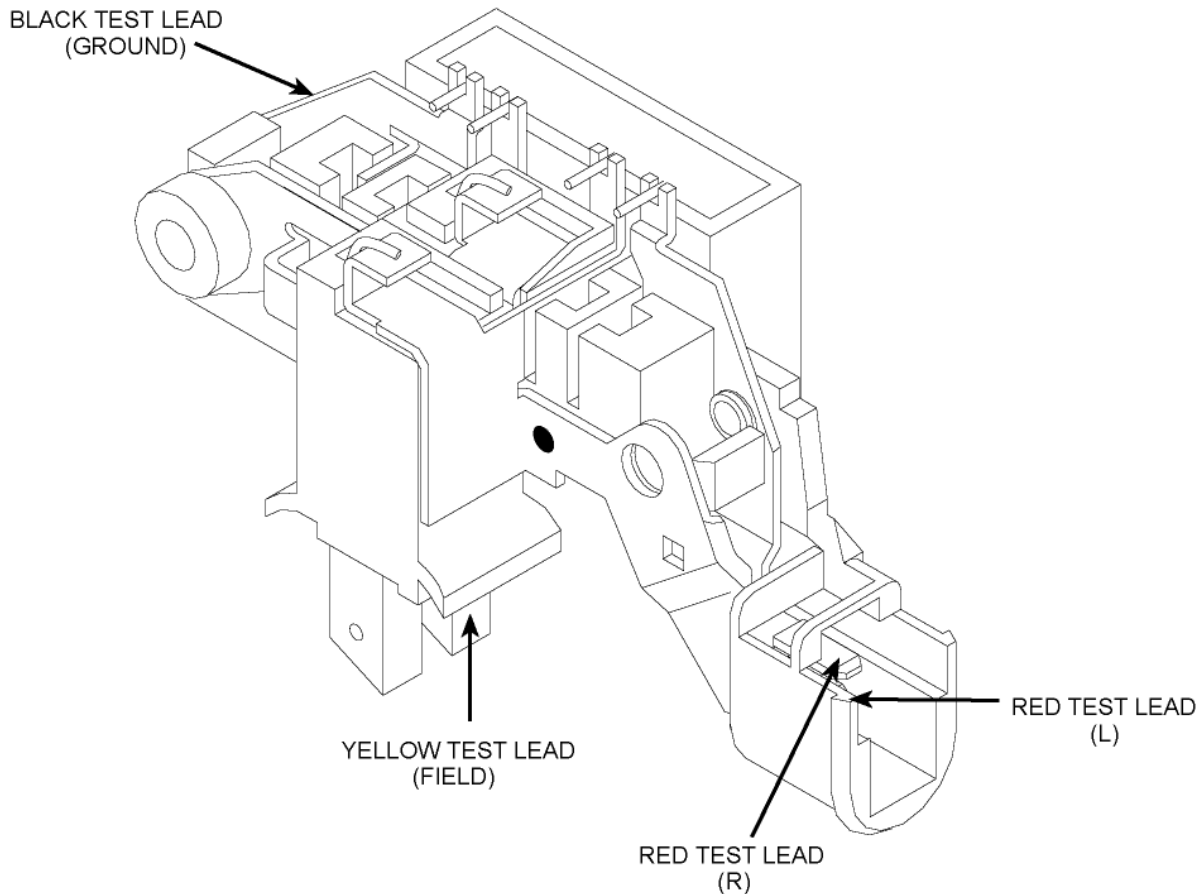


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM212</b>	<b>A</b>	<b>24</b>	<b>28.4</b>				
<b>IM208</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

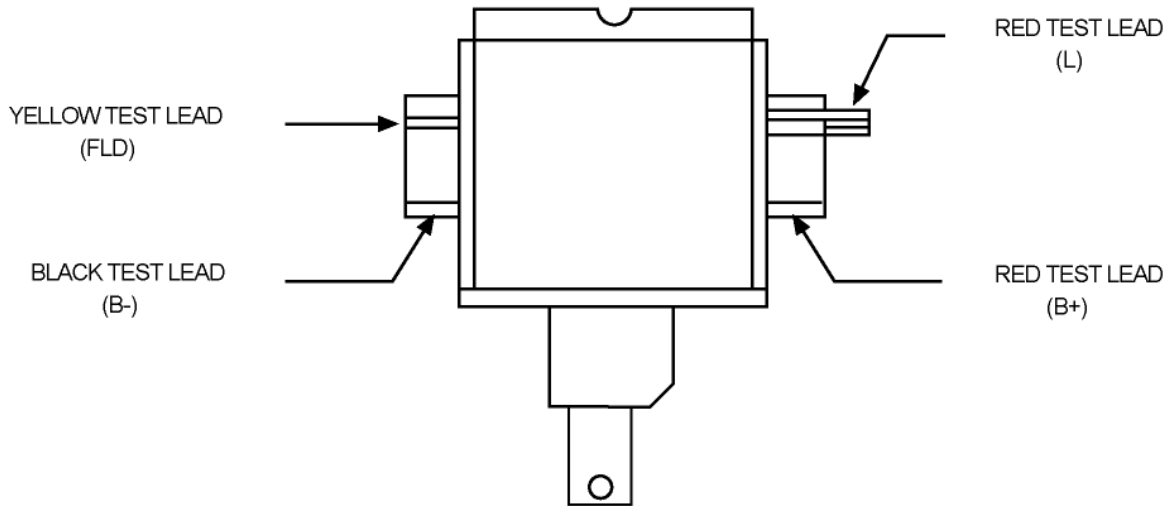


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM214</b>	<b>A</b>	<b>24</b>	<b>28.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

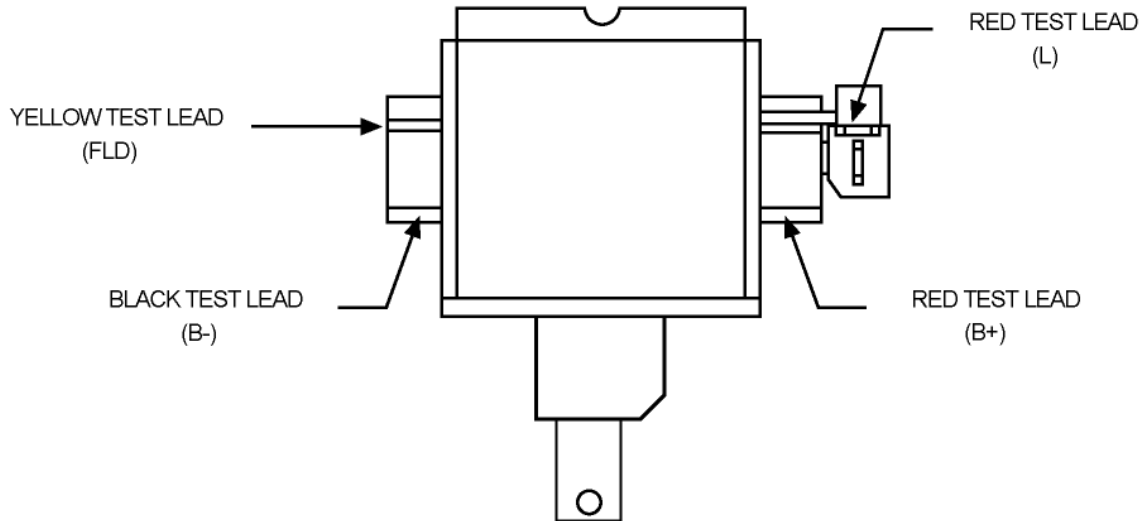


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM206</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSCO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM273</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>IM839</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>IM835</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

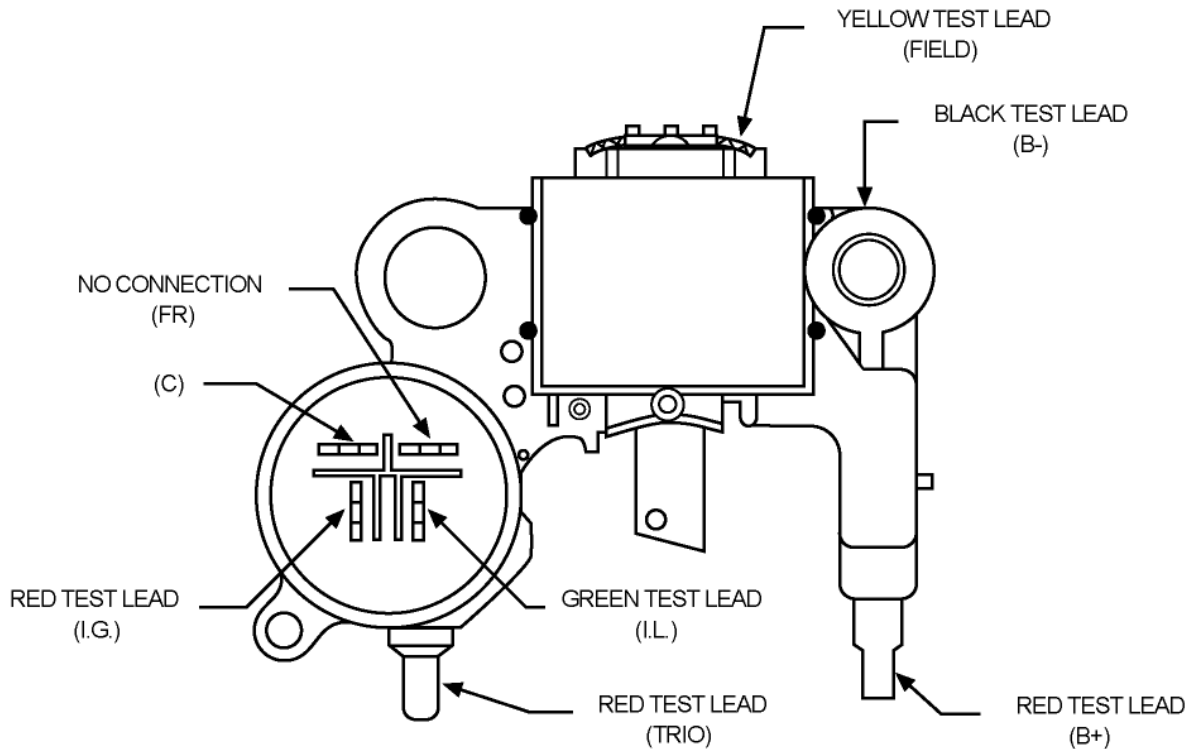
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "TRIO". field lamp should still blink indicator light will turn on and meter will indicate the set point voltage.

Reconnect red test lead to terminal marked "Trio". Connect black test lead to "C" terminal. Field lamp should still blink and meter will indicate approximately 12.5V.

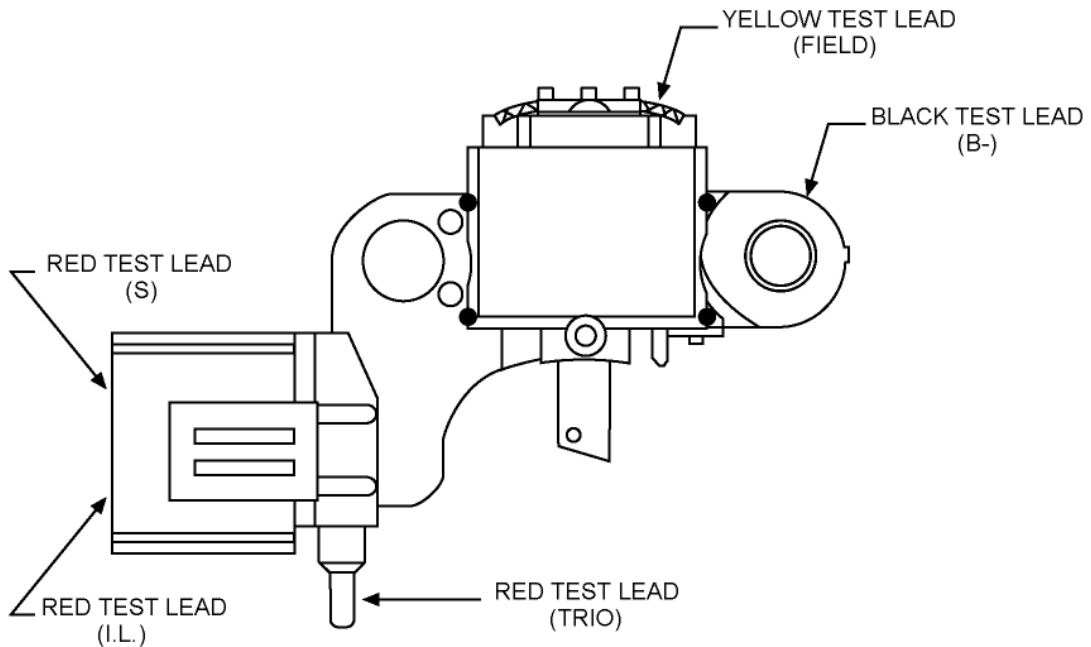


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM282</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>IM281</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". field lamp should still blink and the meter will indicated approximately 15.5V.



# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

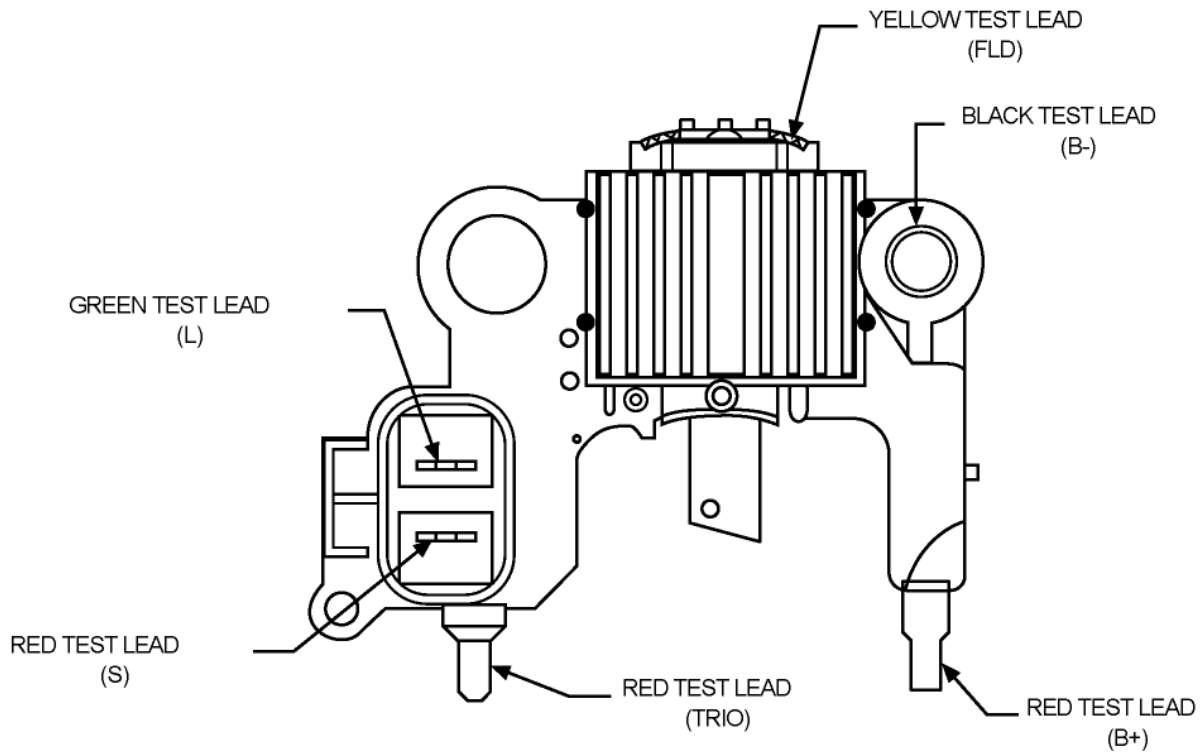
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM280</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>IM837</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "S" Indicator lamp should turn on, will still blink, and the meter will indicate approximately 15.5V.

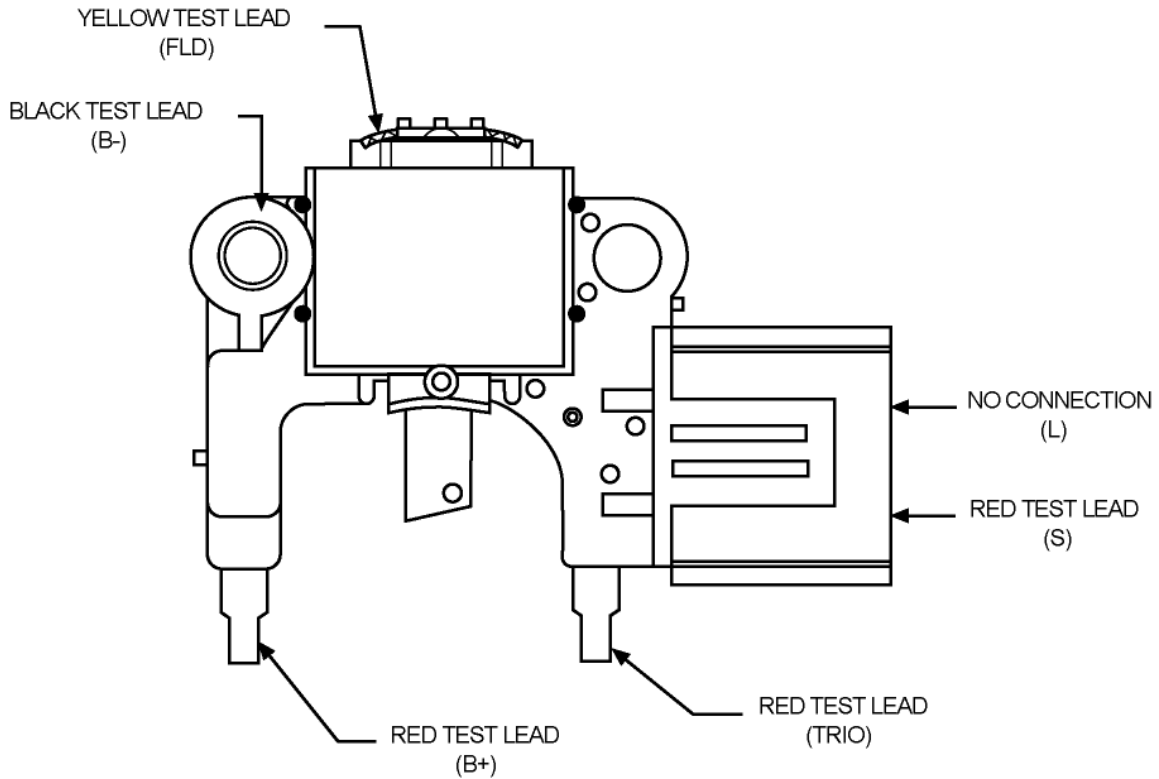


# TRANPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM284</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp will still blink, and the meter will indicate approximately 15.5V.

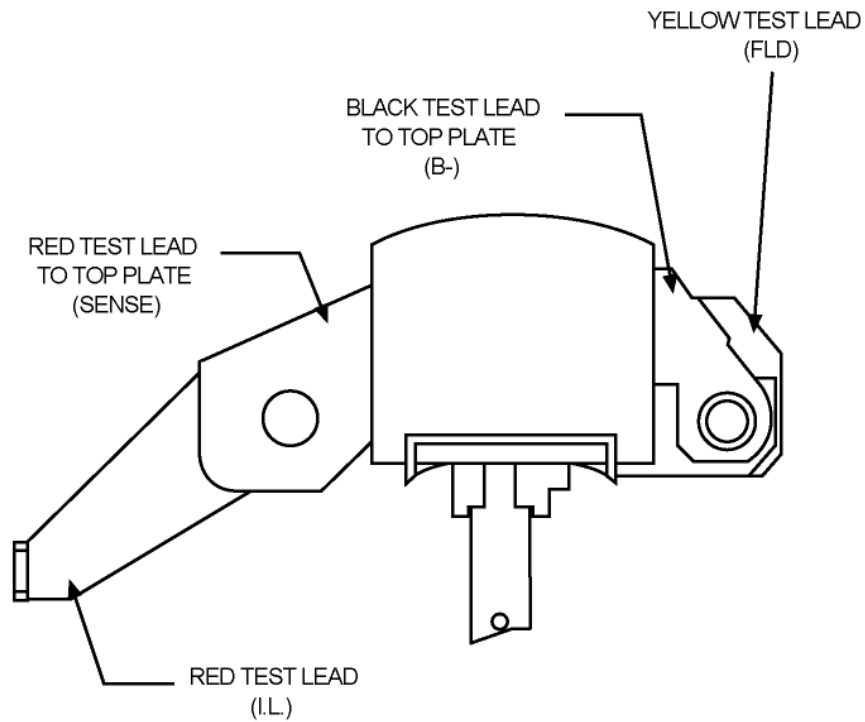


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM209</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S" field lamp will still blink, and the meter will indicate approximately 15.5V.



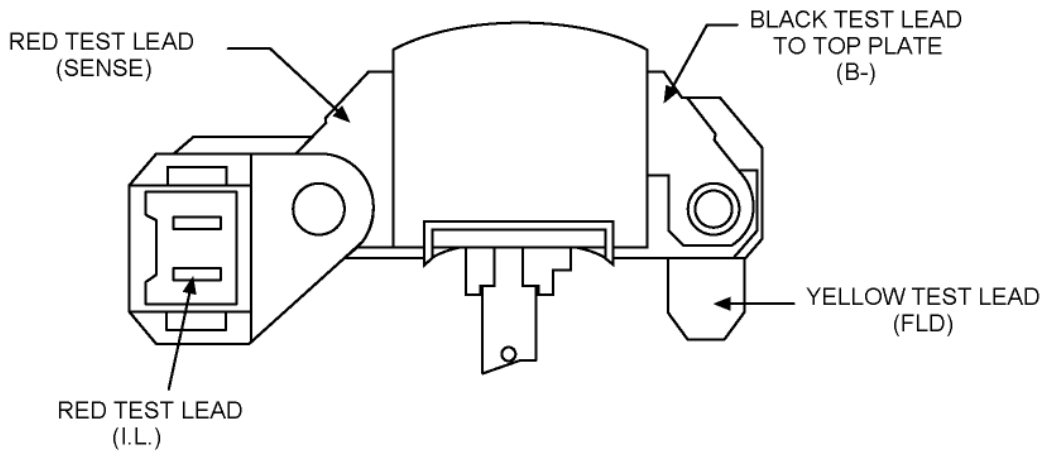


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM210</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp will still blink, and the meter will indicate approximately 15.5V.

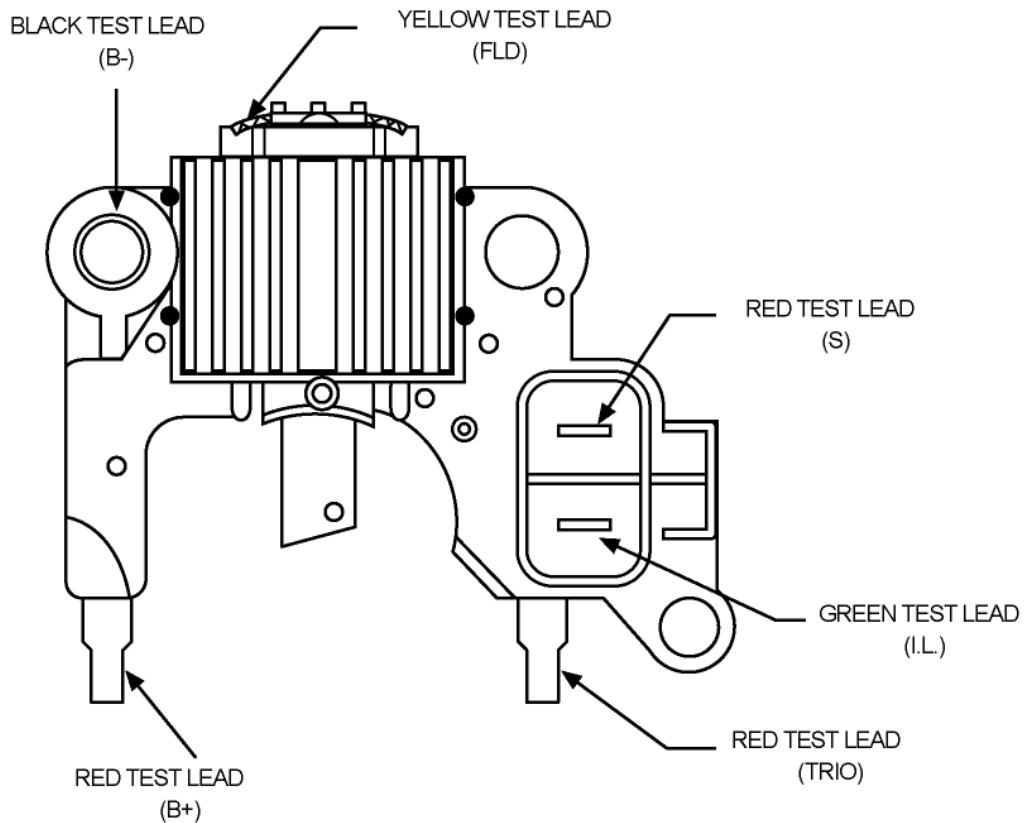


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM276</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Indicator light will turn on, Field lamp will still blink, and the meter will indicate approximately 15.5V.

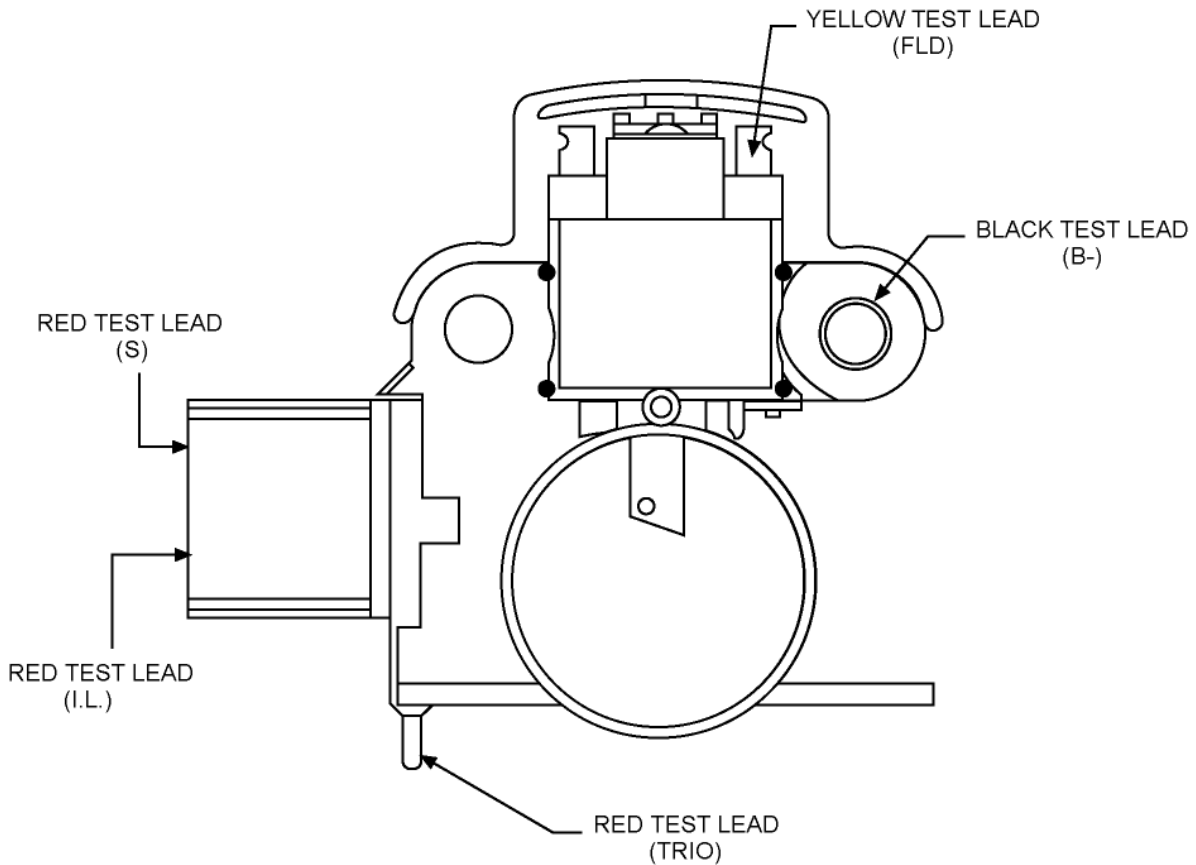


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM287</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". The meter will indicate approximately 15.5V.

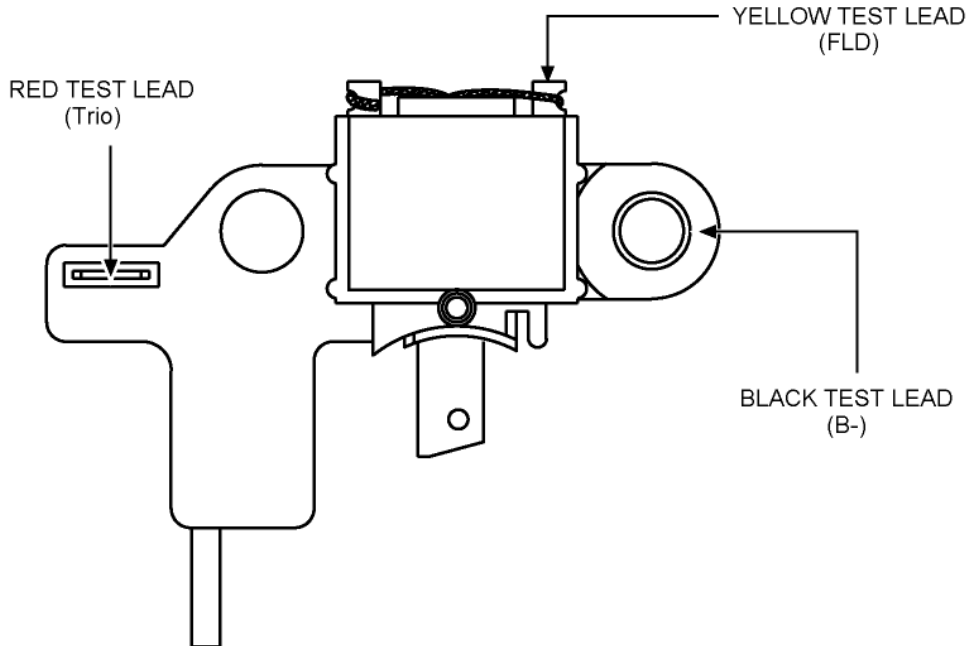


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM283</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

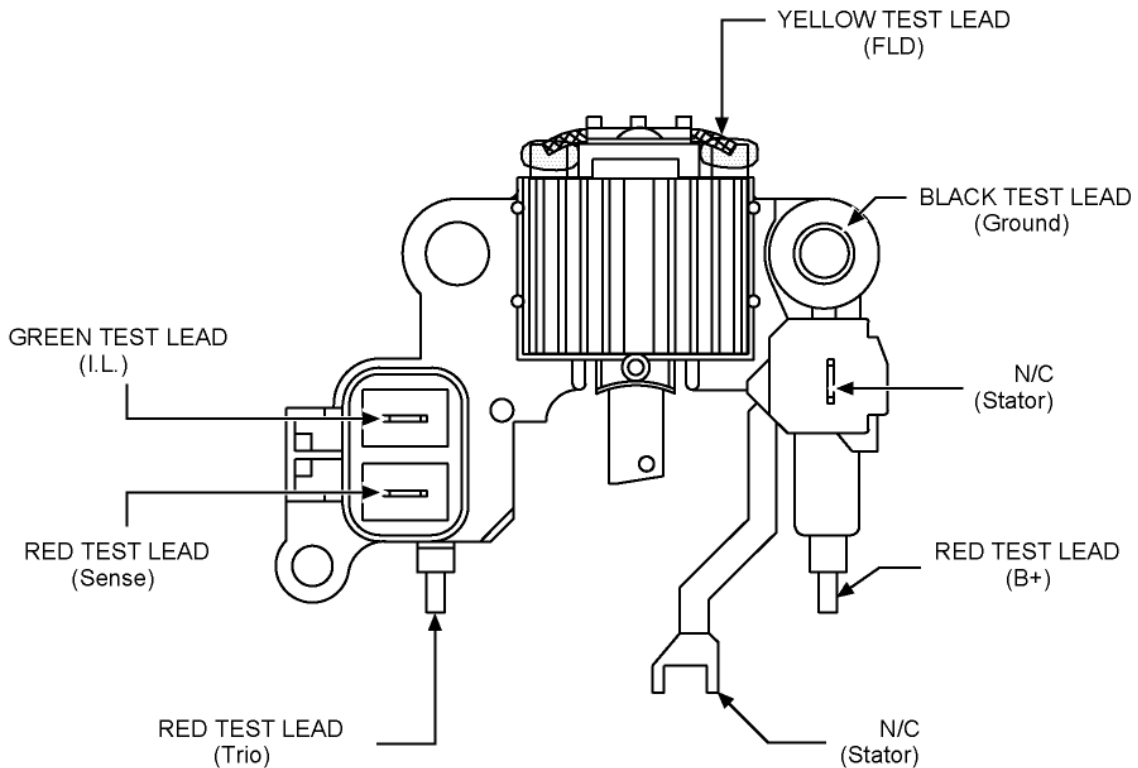
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM829</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "S". Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V.



# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

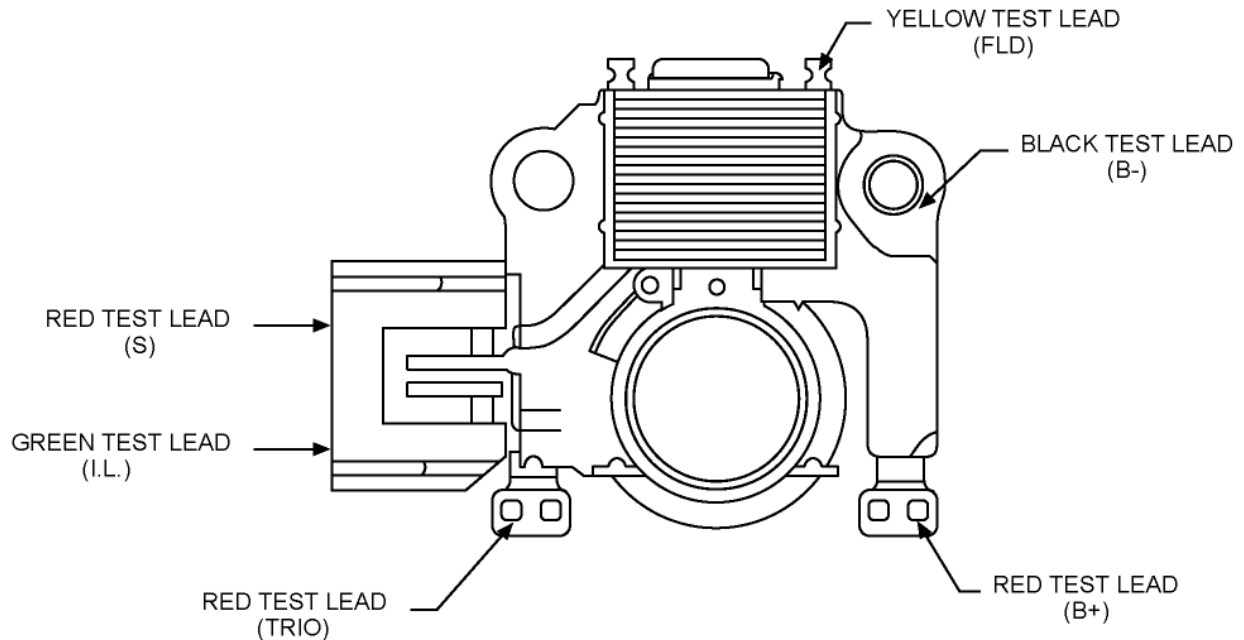
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM830</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "S". Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V. and the lamp will turn on.

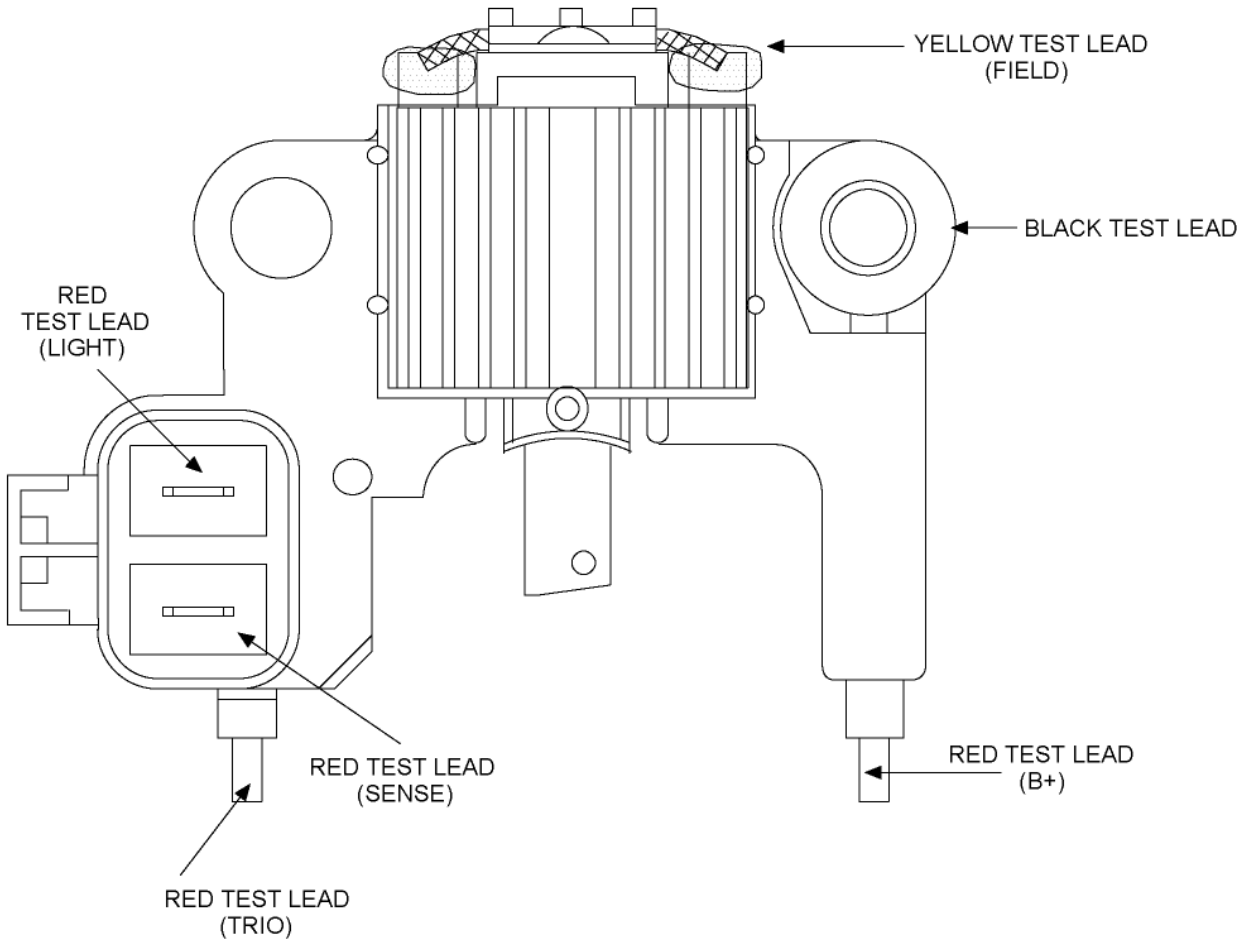


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM285</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5 volts.

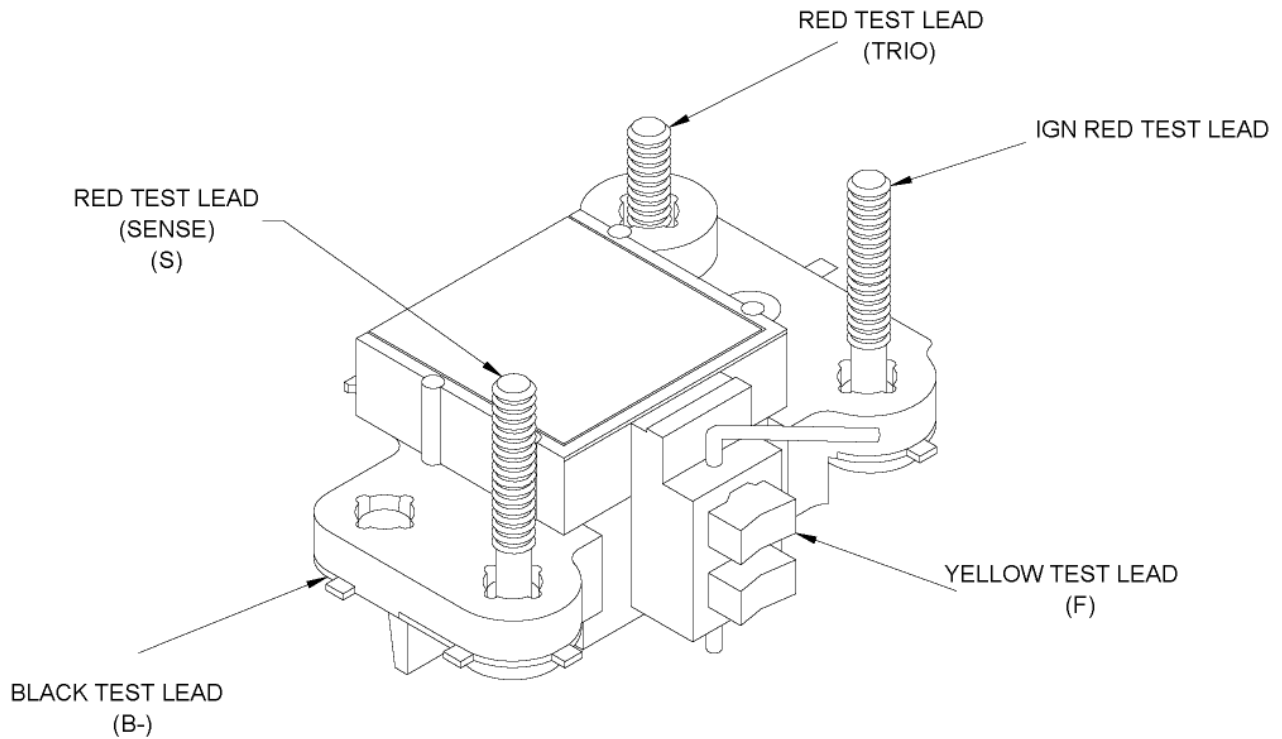


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM288</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5V.





# TRANSPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

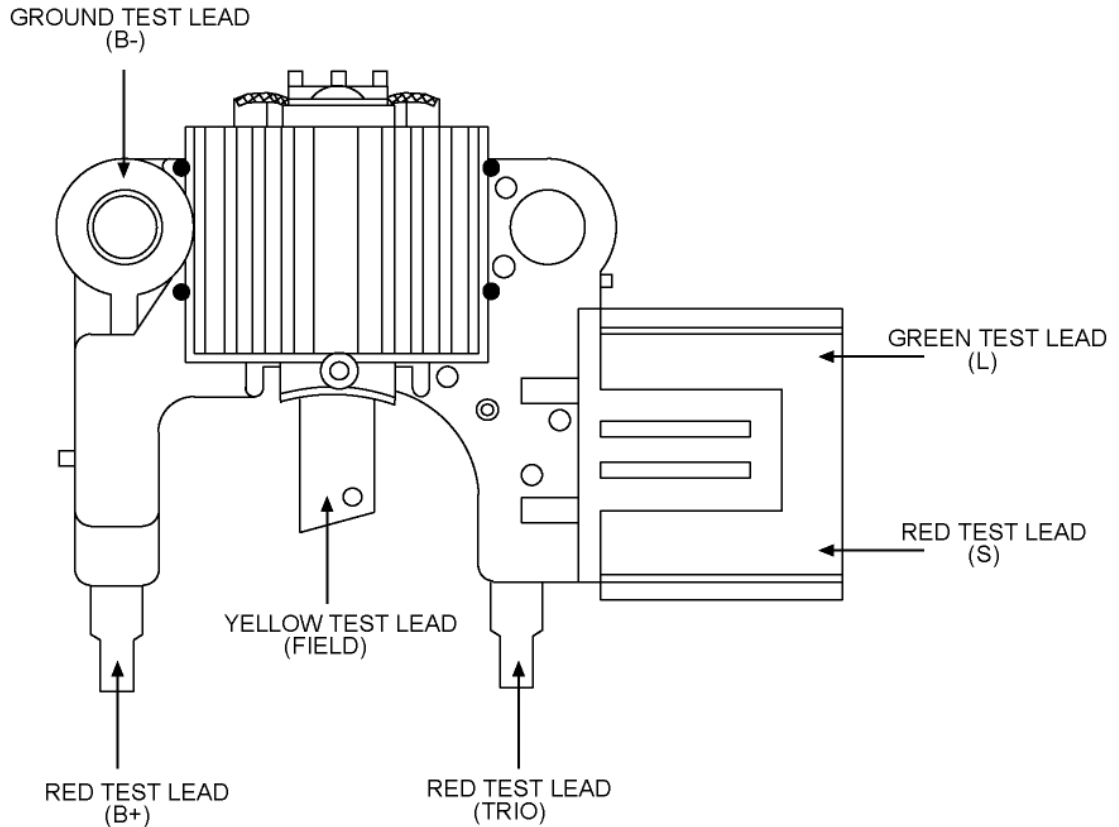
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM291</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from terminal marked "S" Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V.

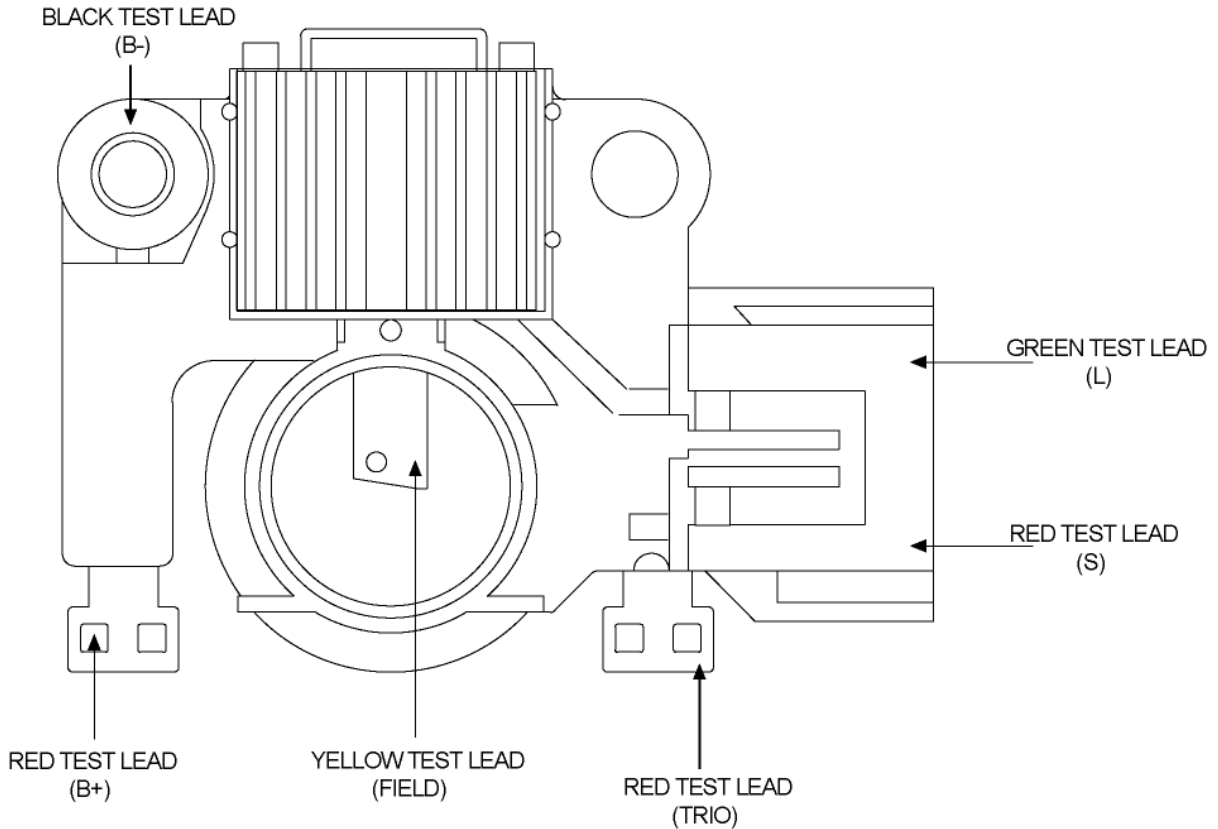


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM292</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S" field lamp will still blink, and the meter will indicate approximately 15.5V.

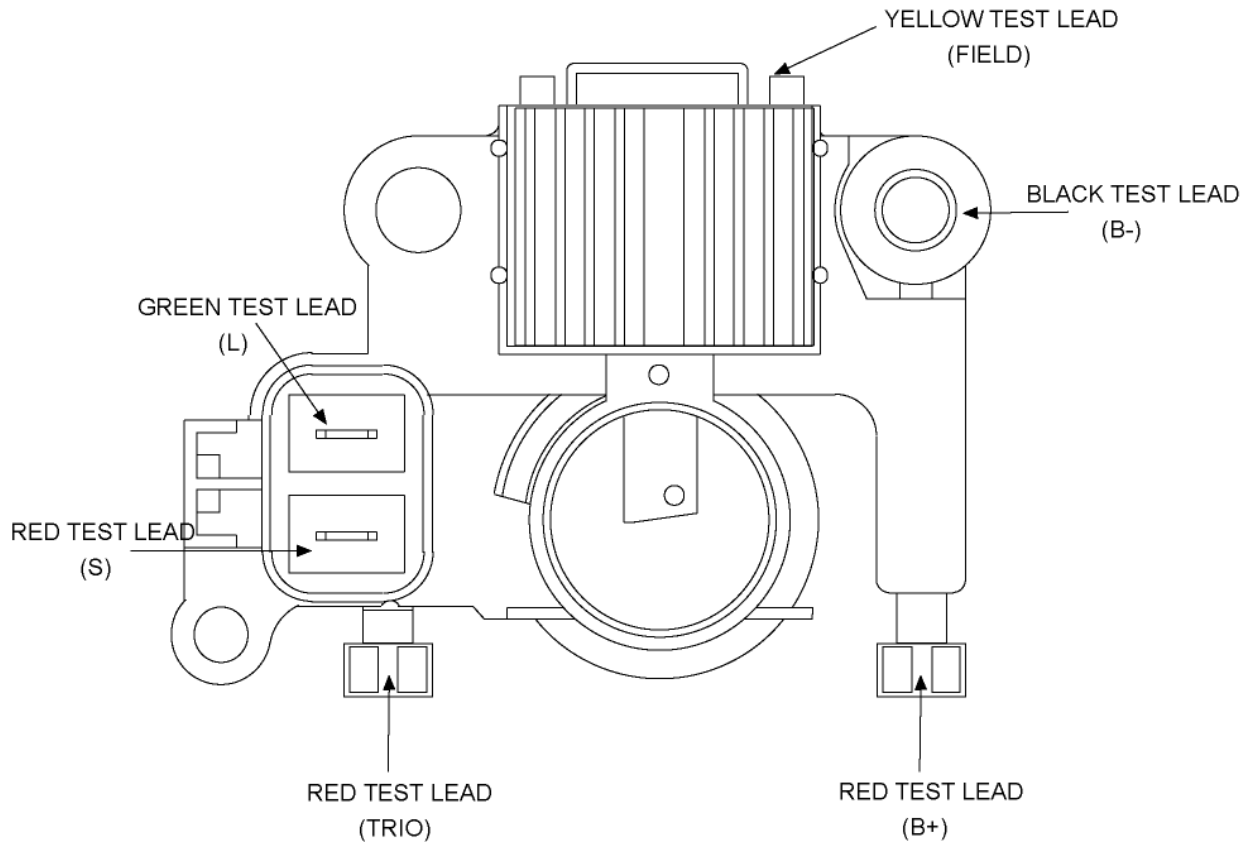


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM832</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Indicator lamp should turn on, field lamp will still blink, and the meter will indicate approximately 15.5V.

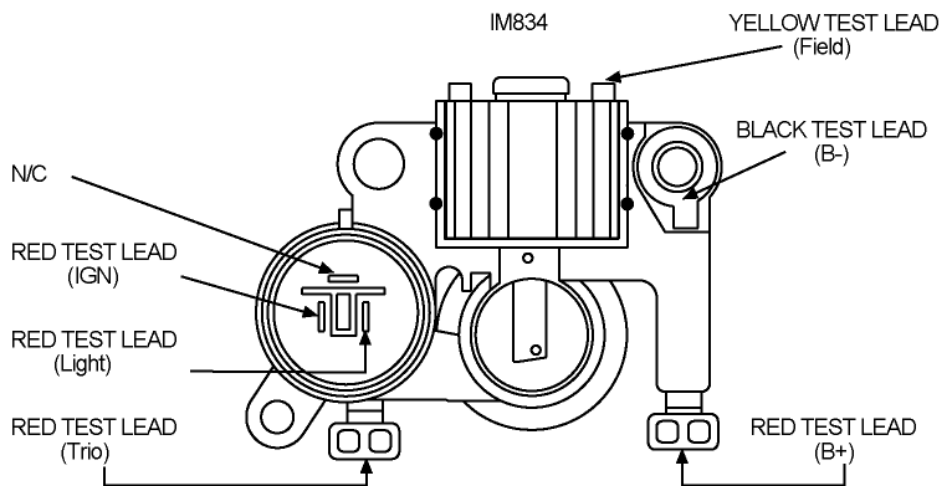
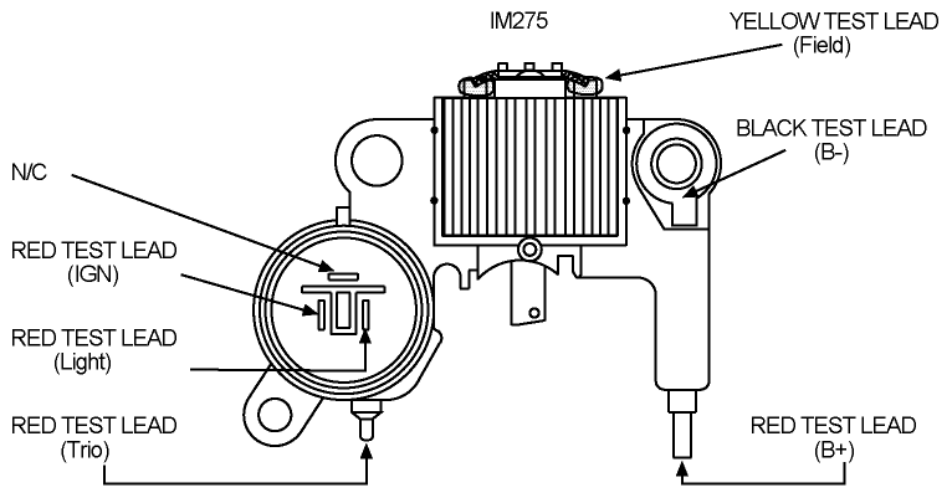


# TRANSCO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM275</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				
<b>IM834</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

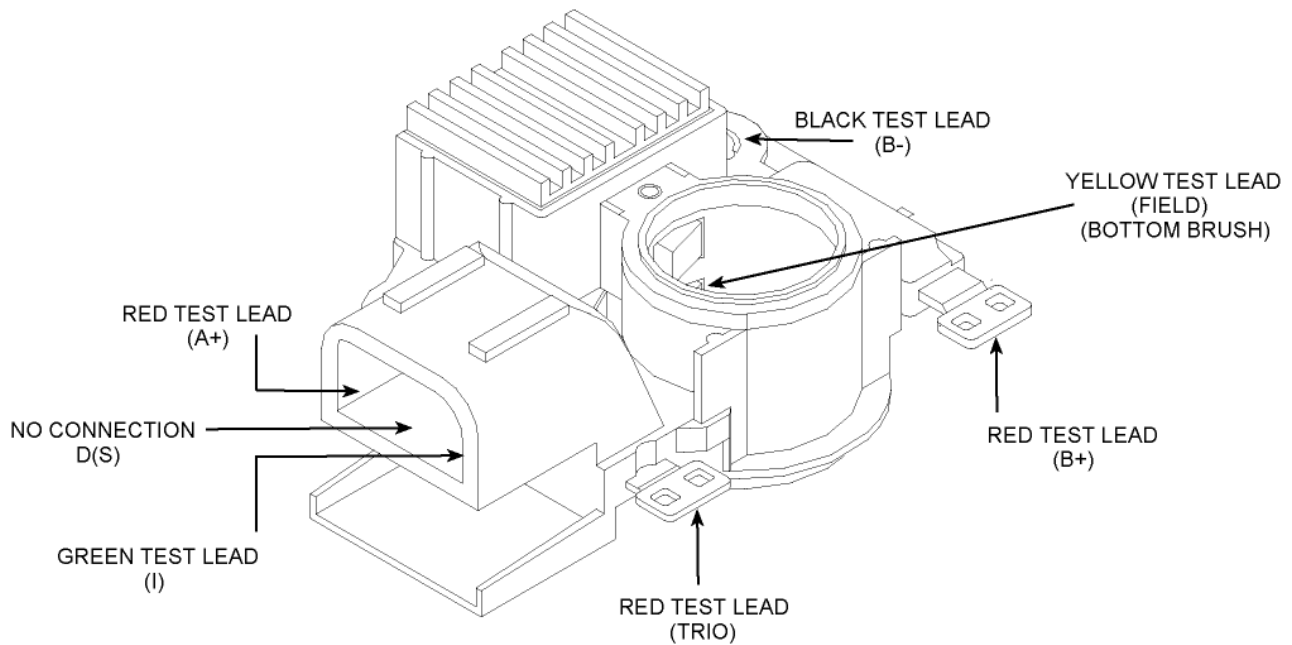


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM836</b>	<b>A</b>	<b>14</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "A". Field lamp should still blink, indicator light will turn on and the meter will indicate approximately 15.5V.

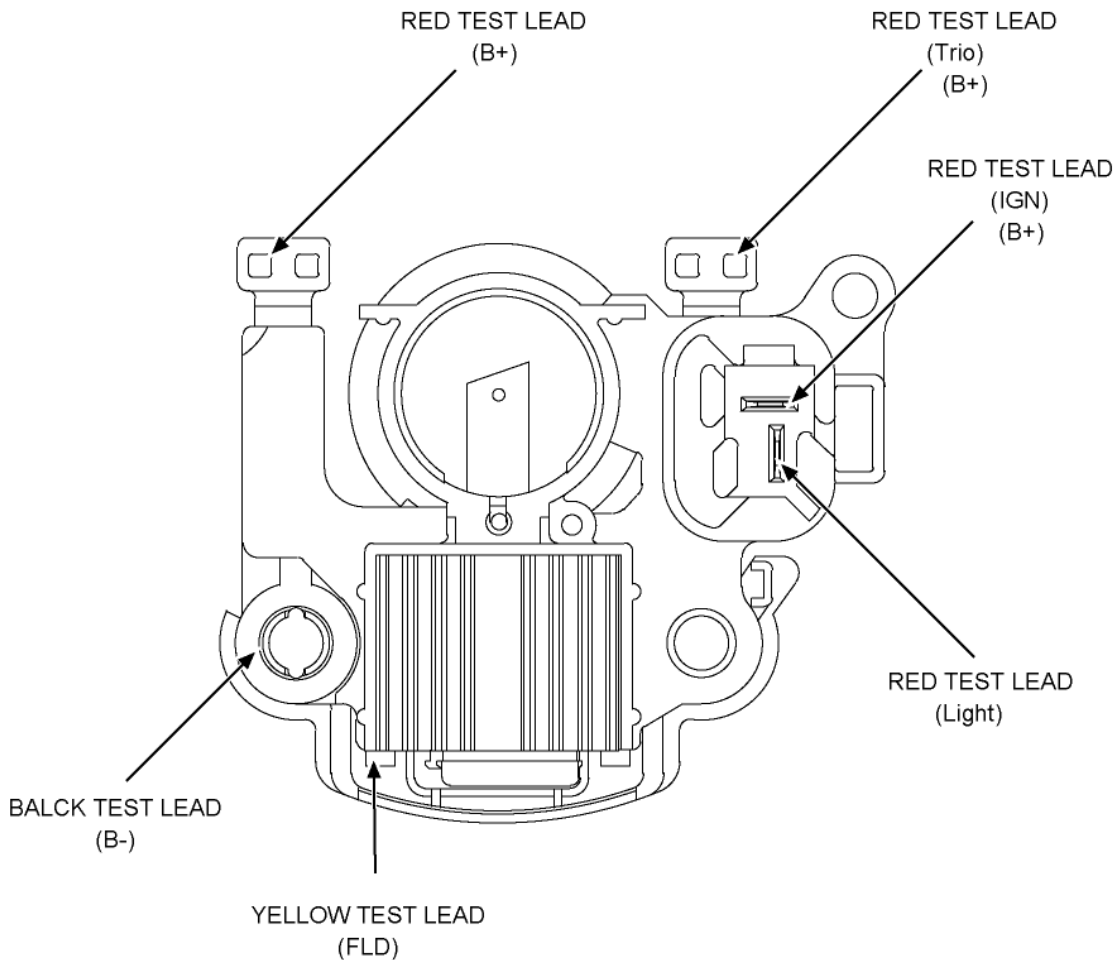


# TRANPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM290</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

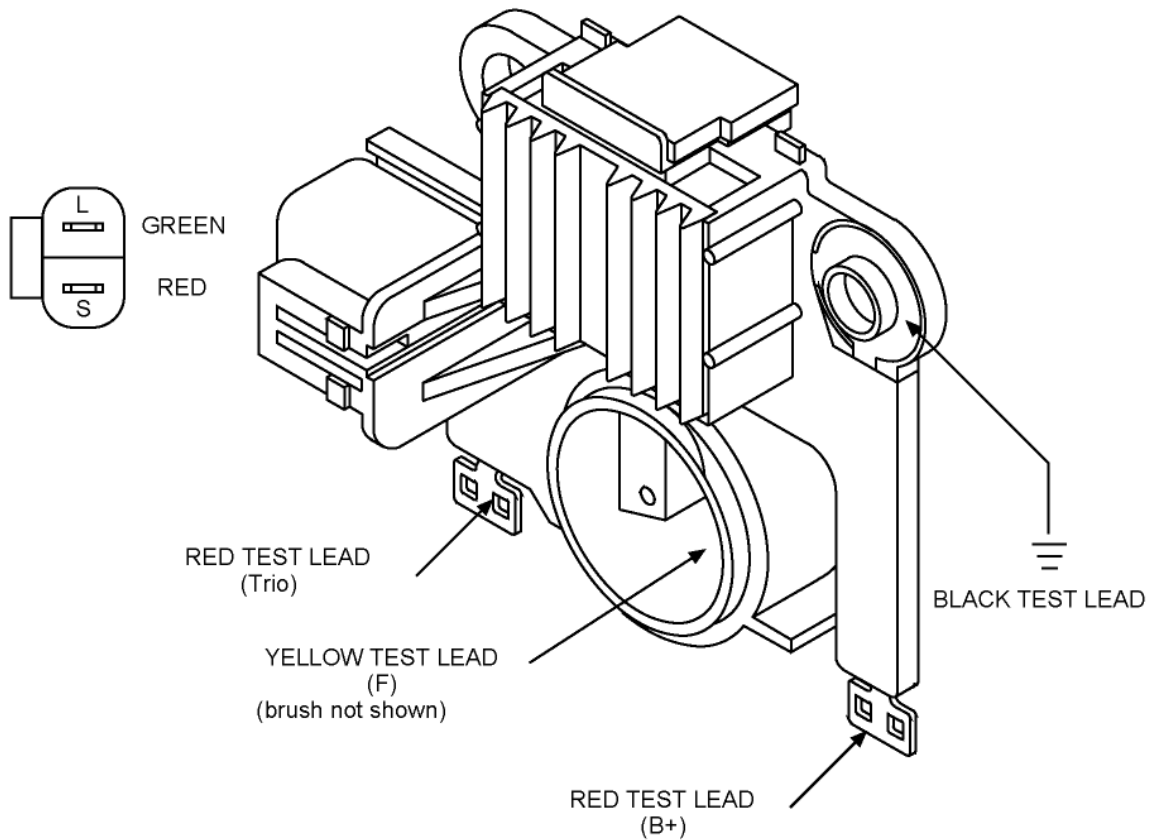


# TRANPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM830HD</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink, indicator light will turn on and the meter will indicate approximately 15.5 volts.

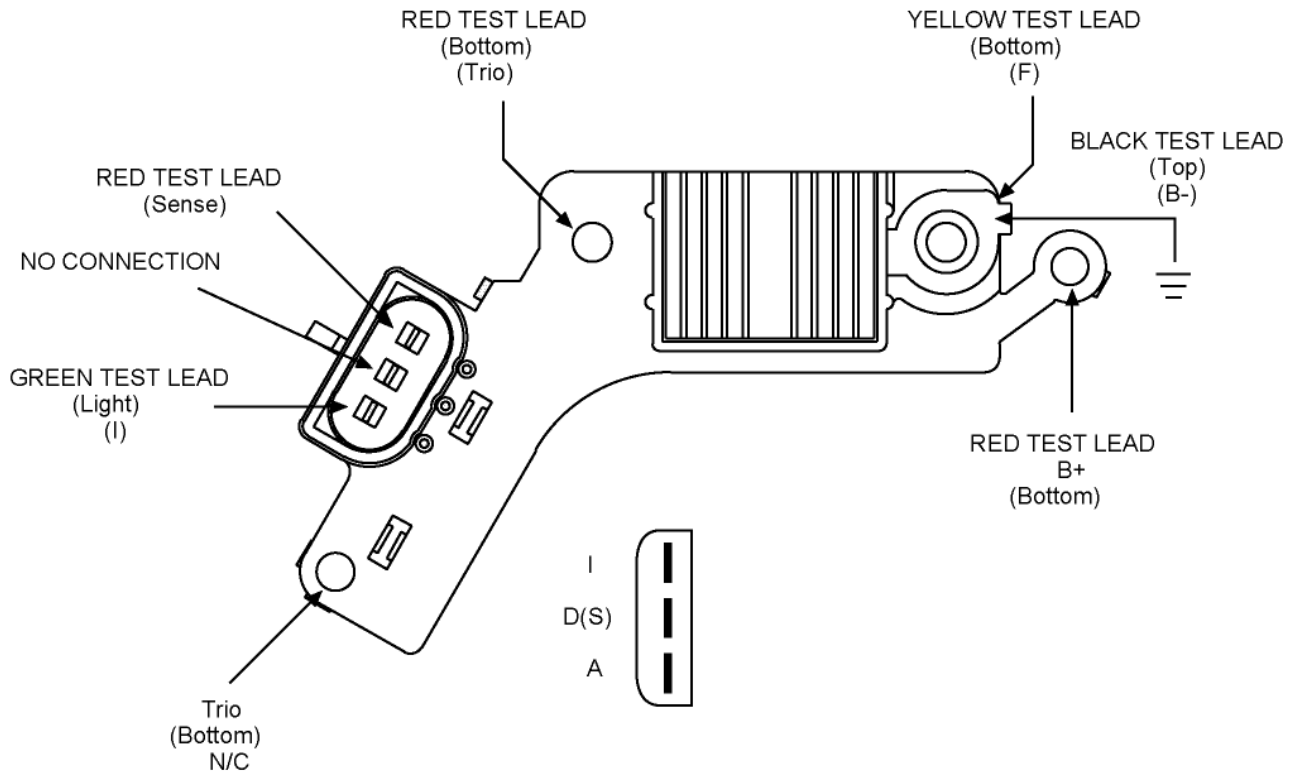


# TRANPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM840</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red sense lead & indicator light will turn on & Voltage will rise to 15.5 volts.



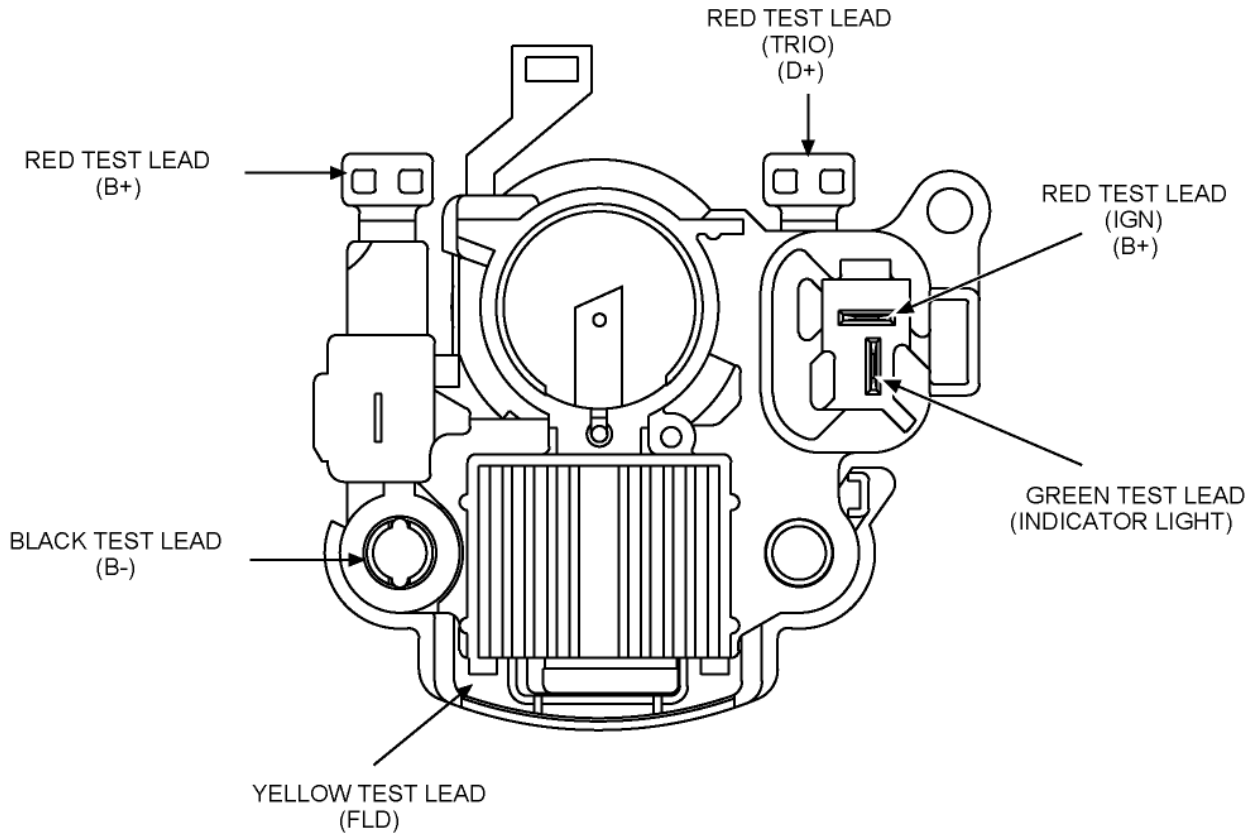


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM293</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

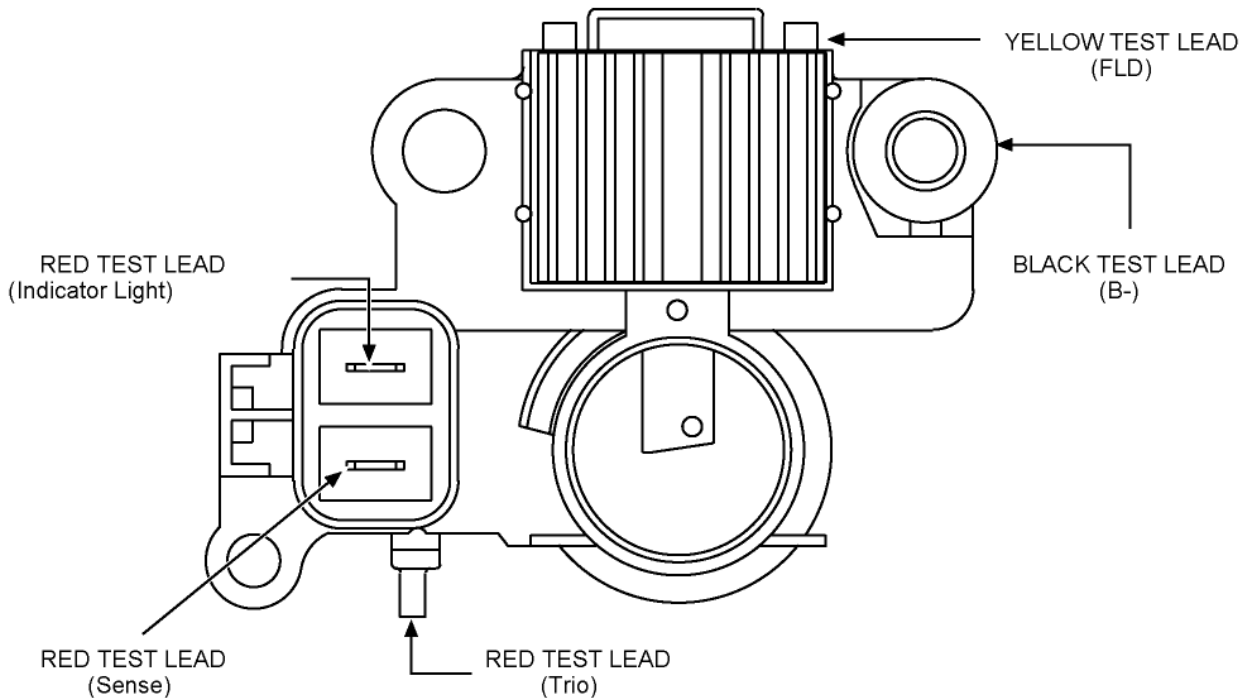


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM831</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp should still blink and the meter will indicate approximately 15.5 volts.

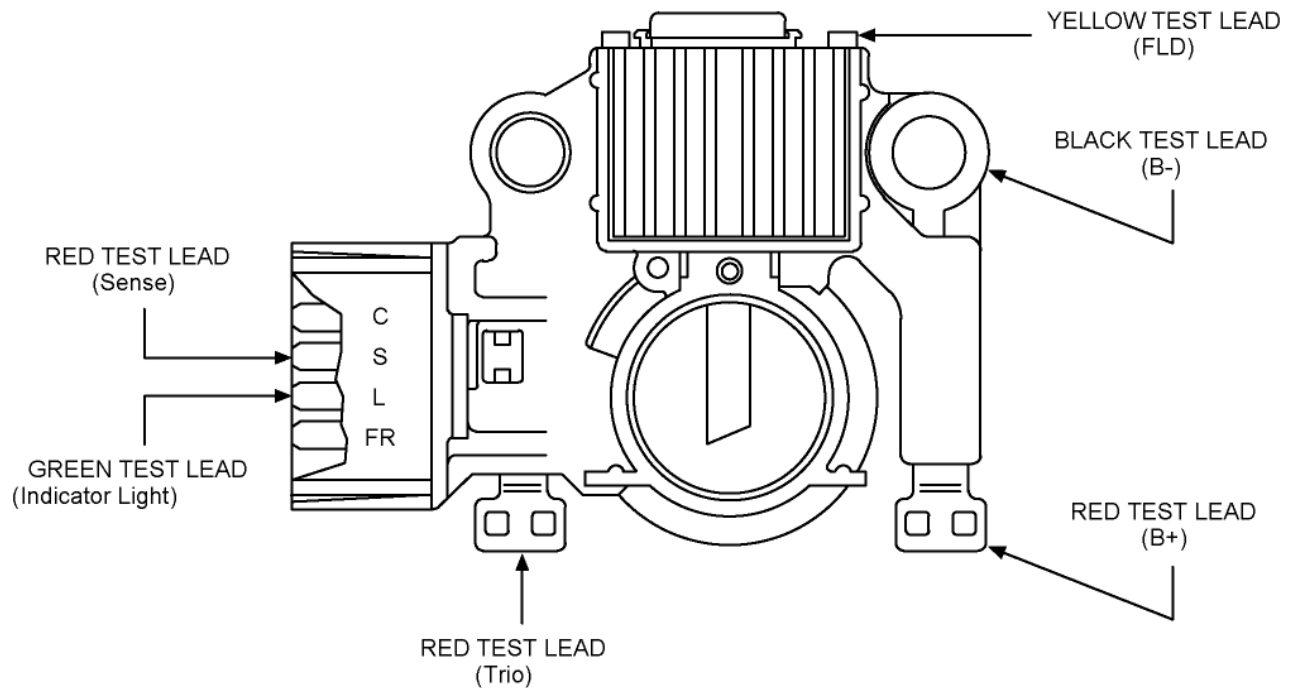


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM845</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Disconnect sense & voltage should rise to approximately 15.5 volts and light come on. Reconnect sense. Connect black test lead to "C", voltage should drop to approximately 12.5 volts.

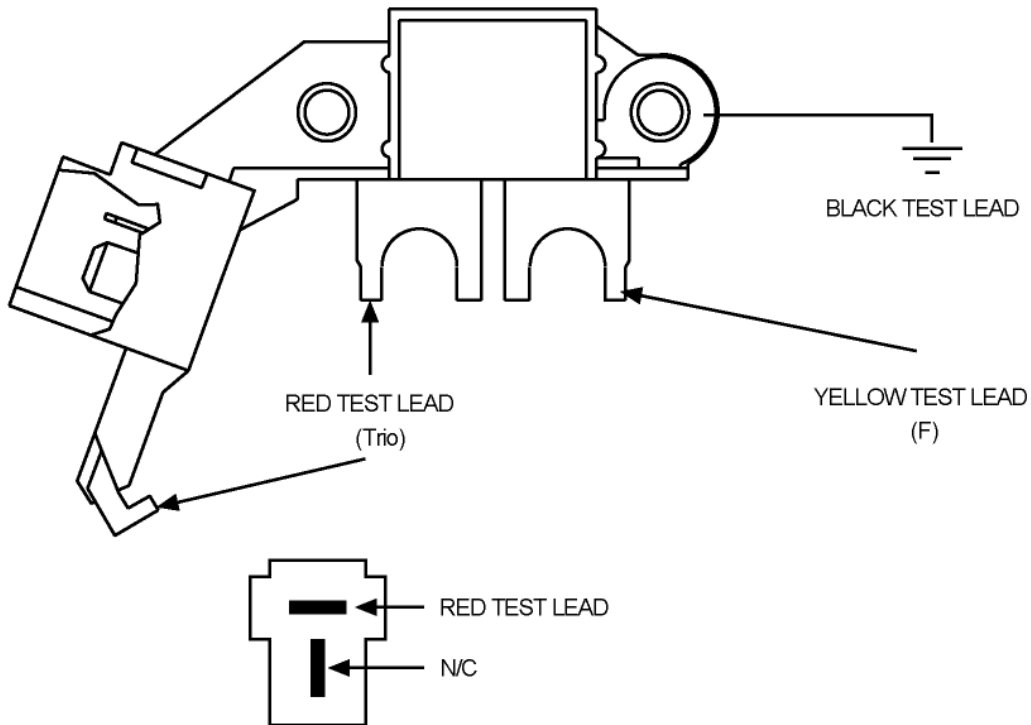


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM286</b>	<b>A</b>	<b>24</b>	<b>28.7</b>				
<b>IM294</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

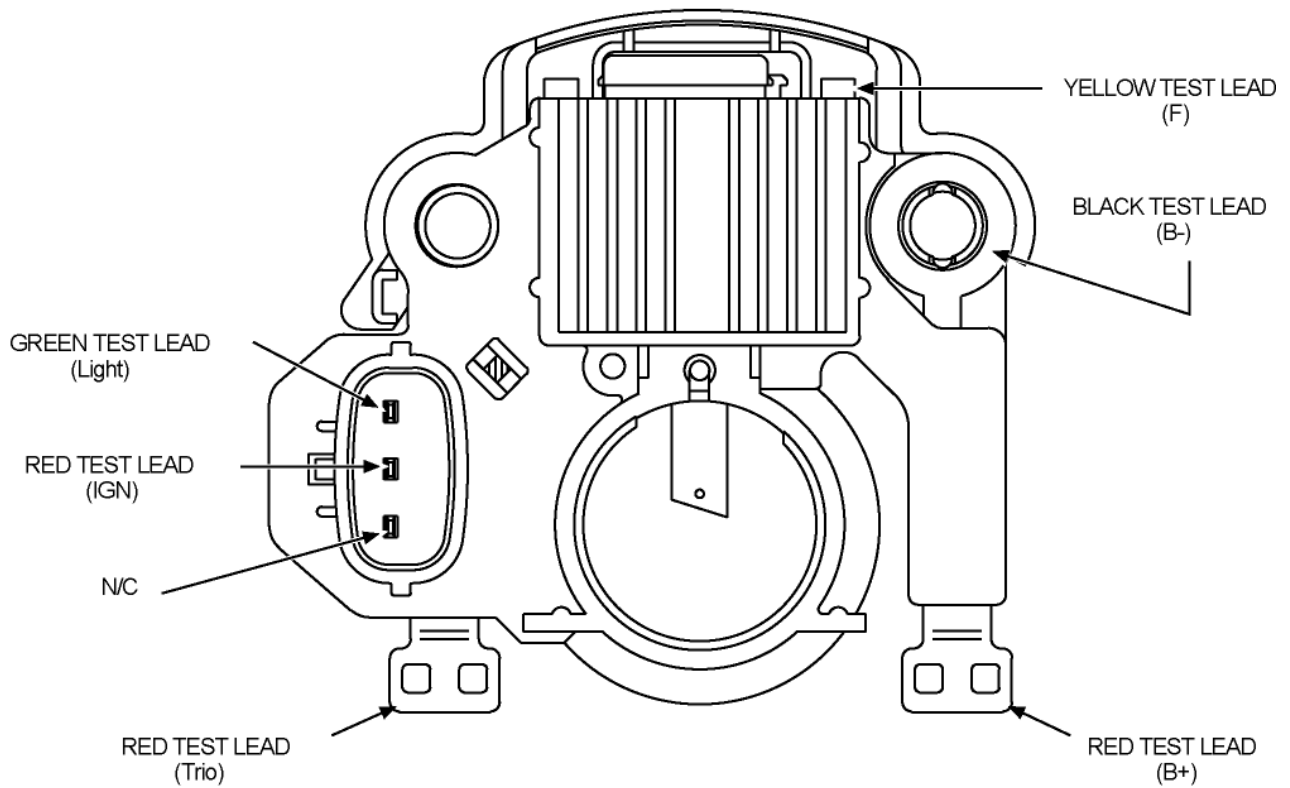


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM318</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

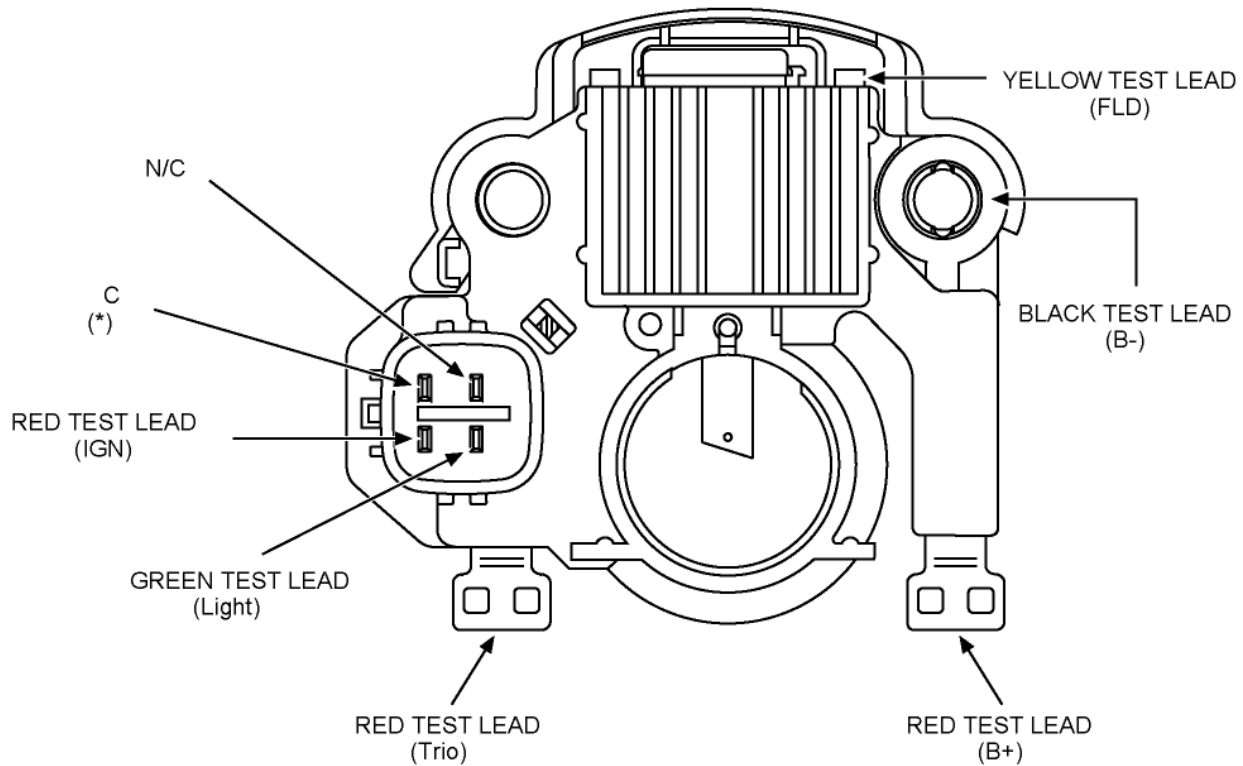


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM850</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** \* Ground "C" terminal and voltage will drop to approximately 12.5V. field lamp stays on.

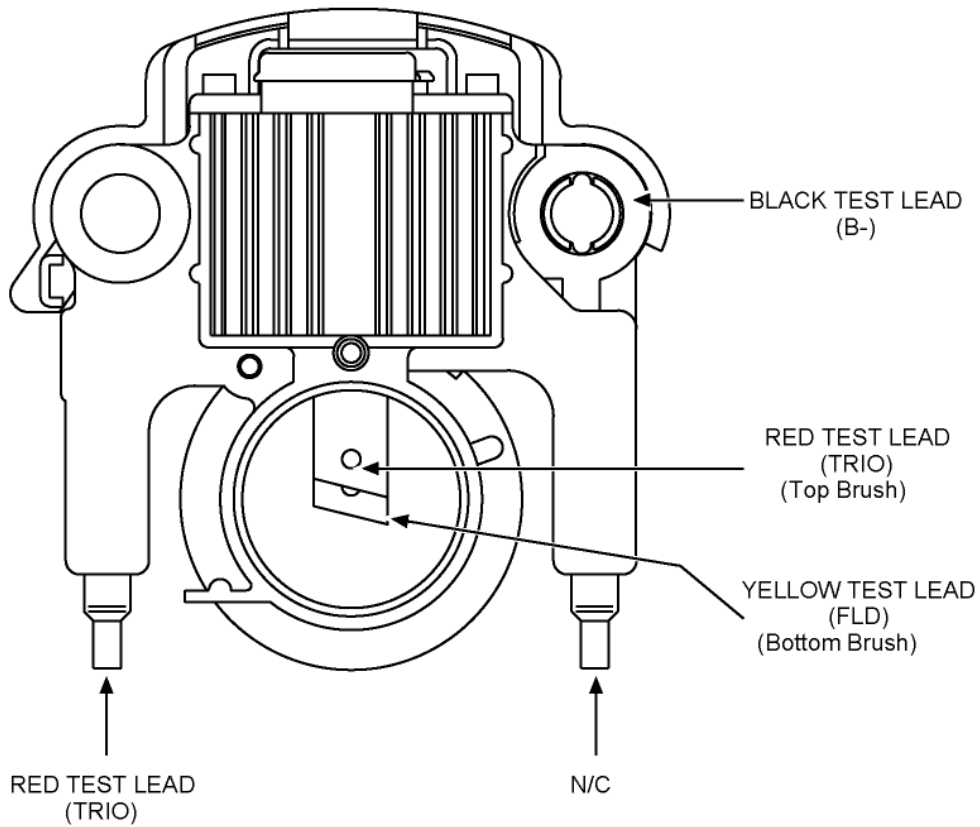


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM232</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

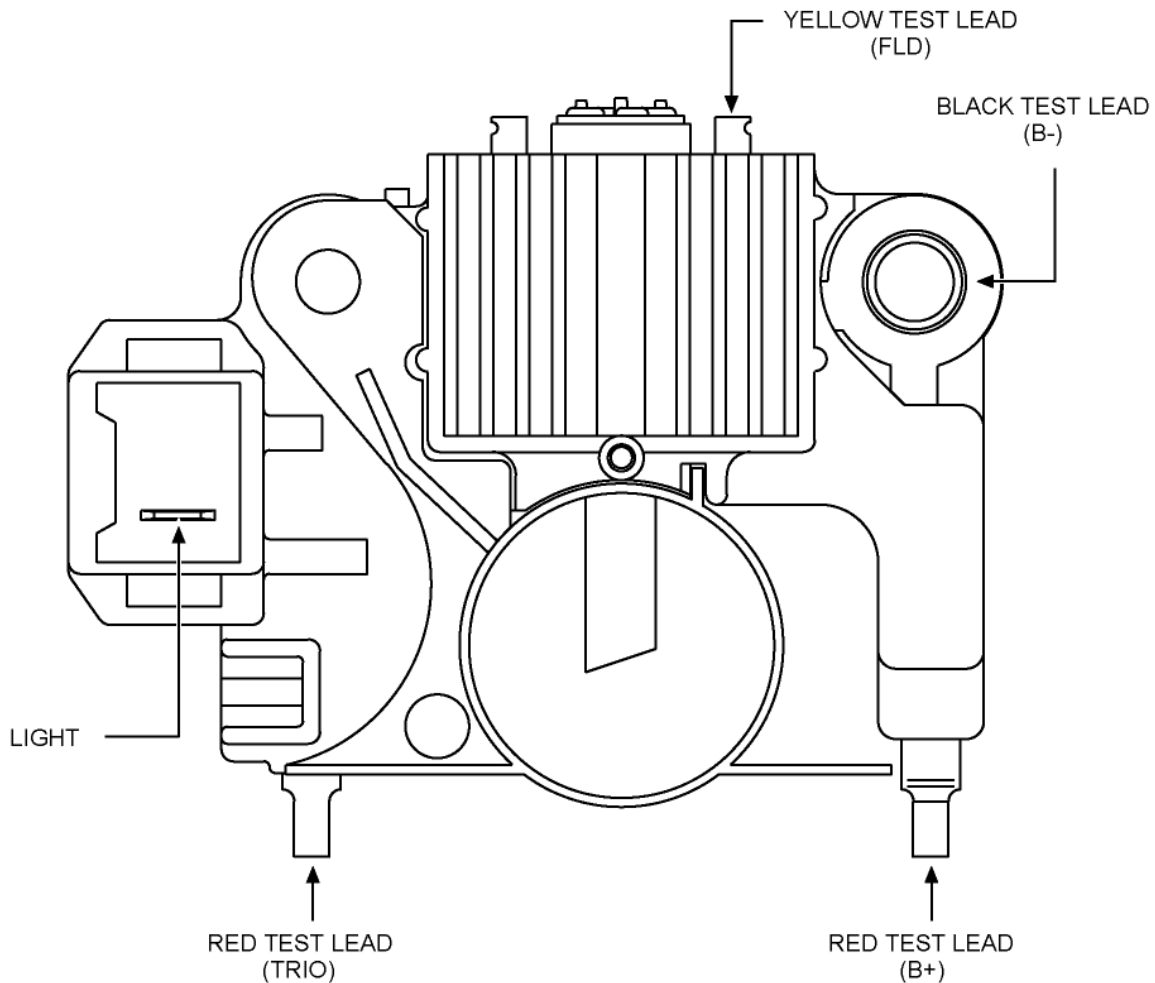


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM211</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**





# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

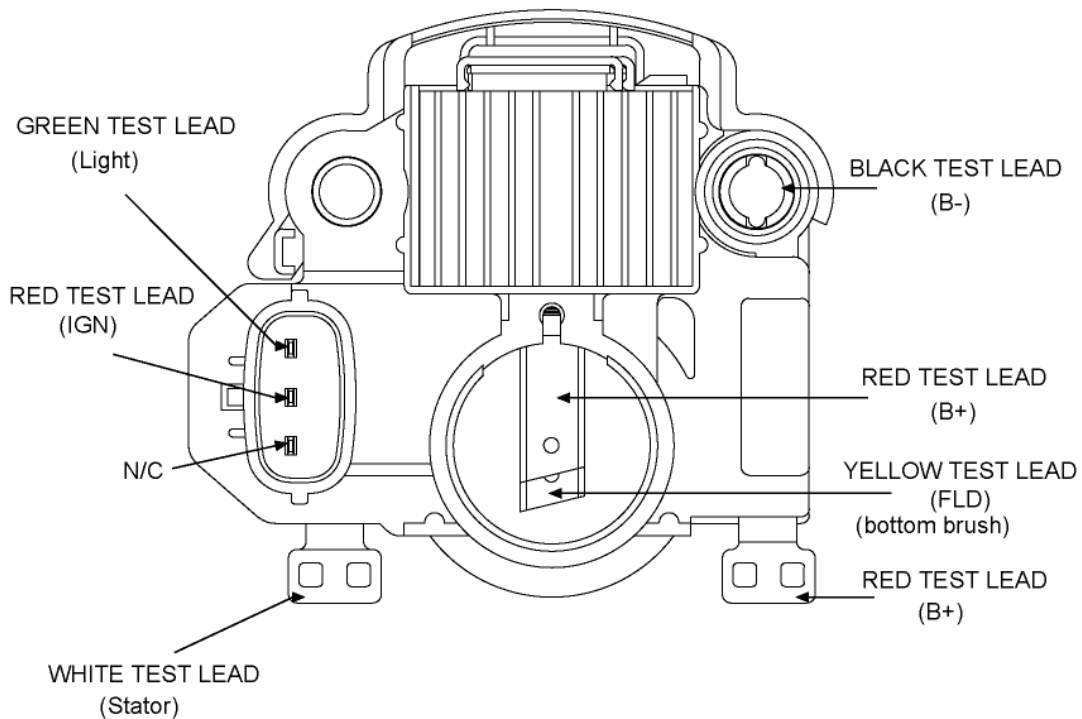
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM381</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead and lamp comes on, voltage drops to 12.0 volts and field light stays on . Remove green test lead from light and field light goes off.

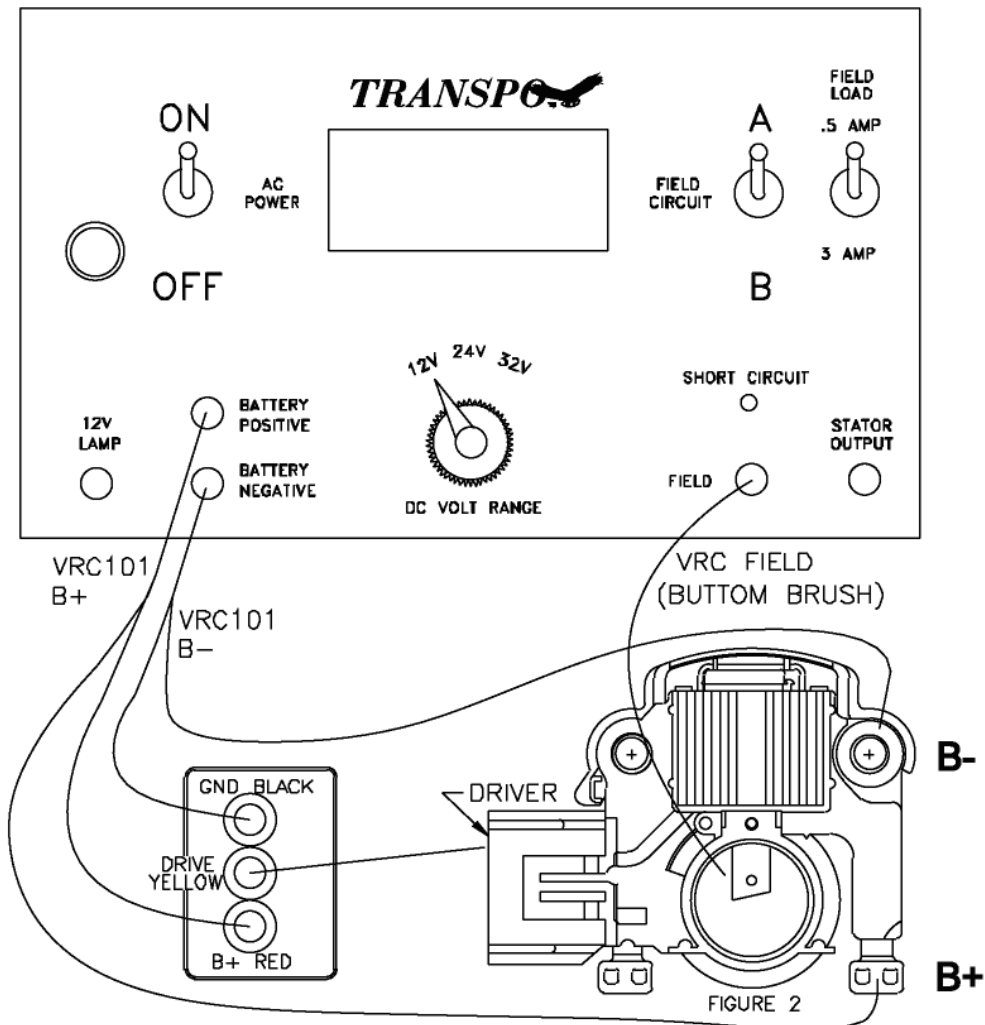


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IM345	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

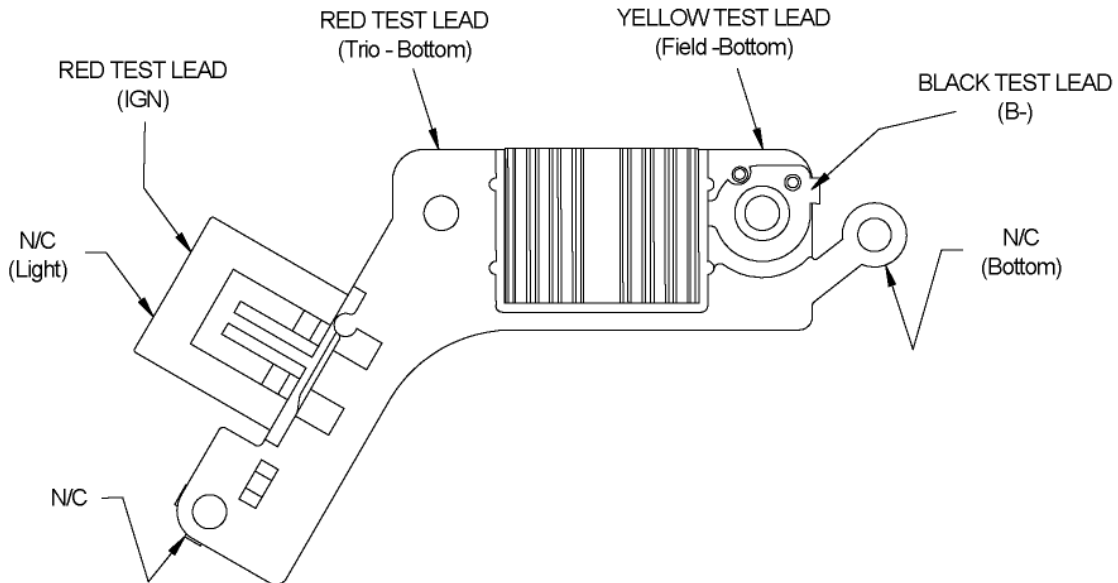


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM843</b>	<b>A</b>	<b>24</b>	<b>28.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

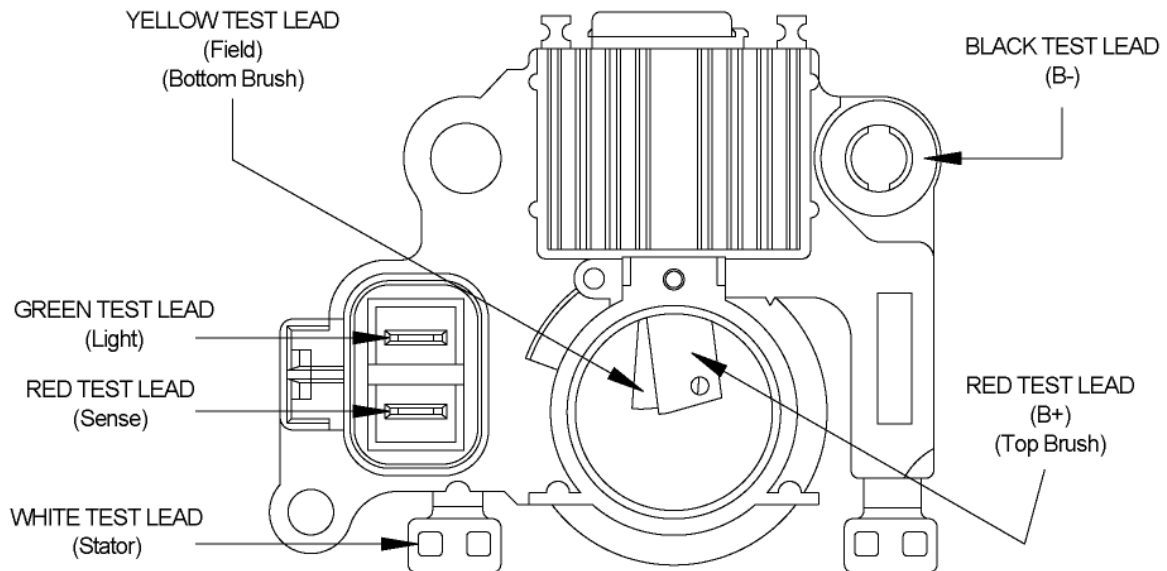
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM369</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "Stator" field and lamp light comes on. Remove green test lead from terminal marked "Light" field and lamp light goes off.



# TRANSCO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM851</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

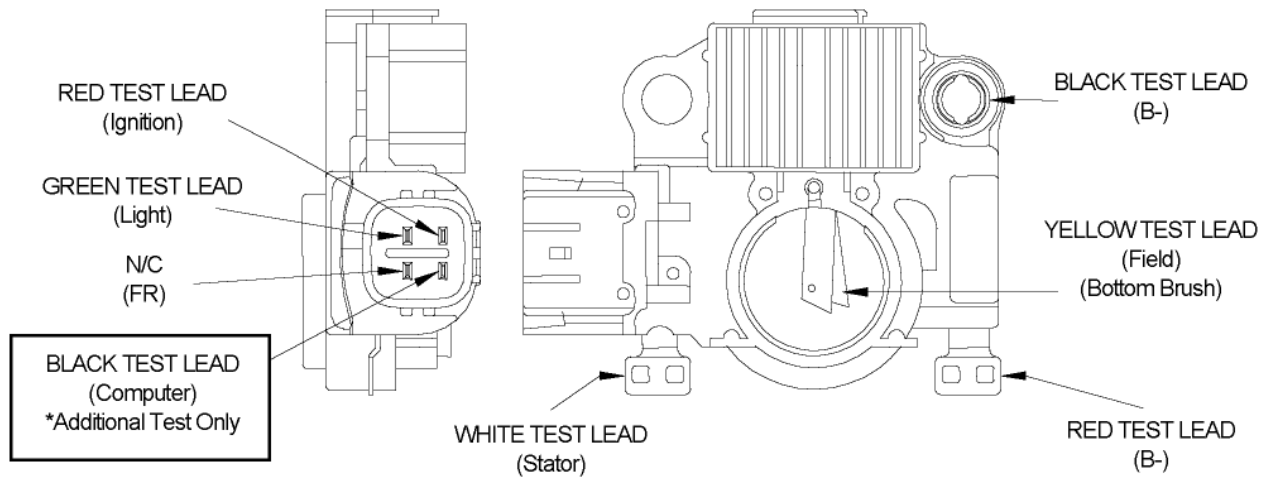
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "Stator" field and lamp light comes on and voltage will indicate 12 volts. Remove green test lead from terminal marked "Lamp" and lamp light goes off. Remove red test lead from terminal marked "Ignition" and field light goes off.

\* Connect black lead to "C" computer terminal and field lamp will stay on and voltage will read approximately 12.7 volts

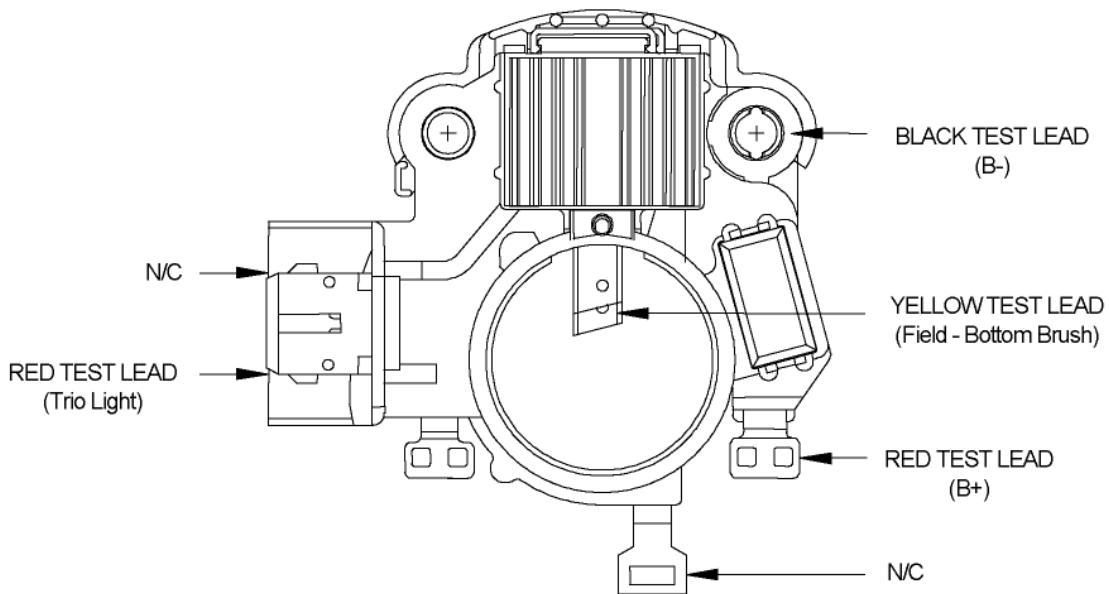


# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM757</b>	<b>A</b>	<b>12</b>	<b>14.70</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

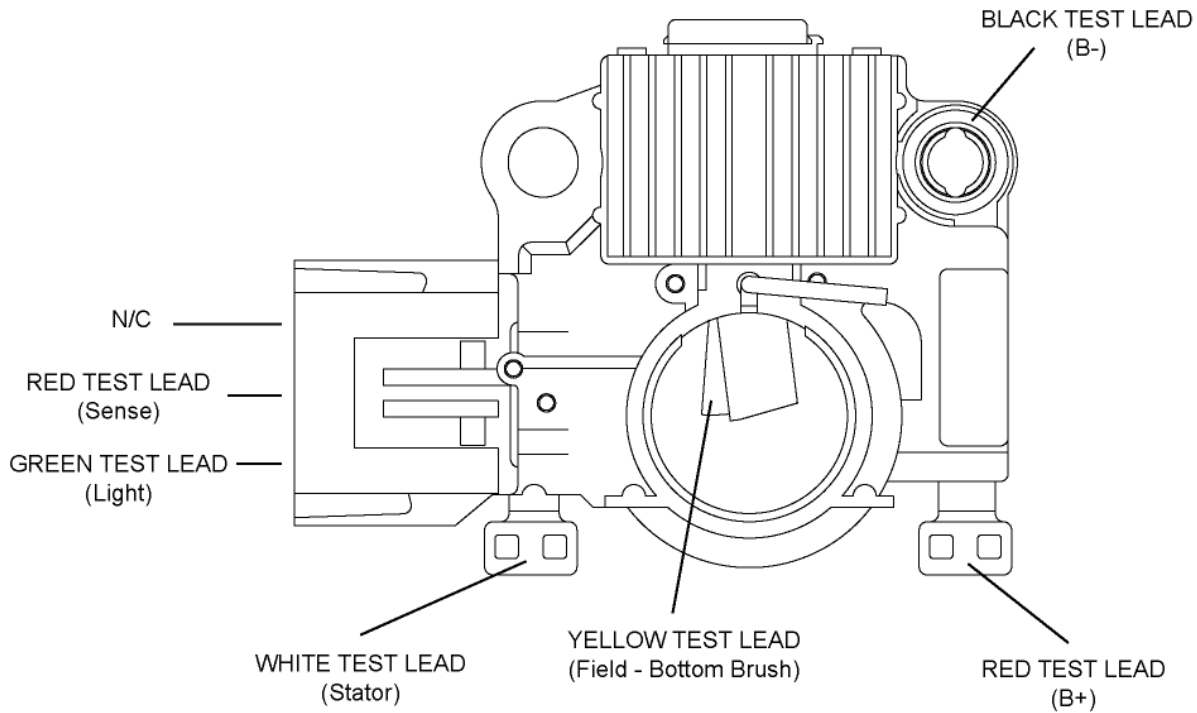


# TRANSPO TESTER INSTRUCTIONS

for           MITSUBISHI           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM848</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove sense lead and voltage rises to approximately 15.4 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start). Remove Light lead field light and Lamp light turn off.

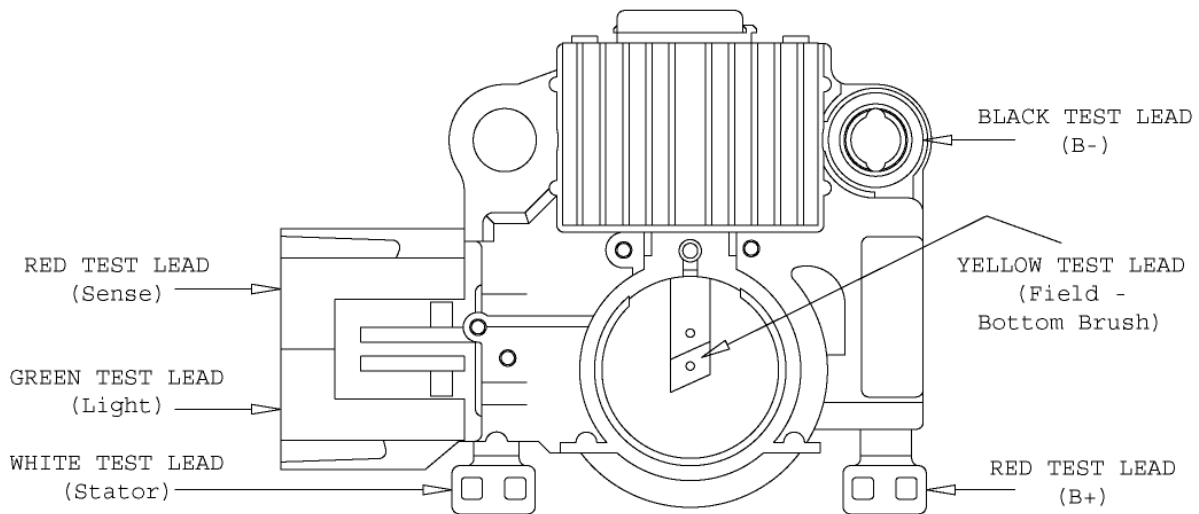


# TRANSCO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM350</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove sense lead and voltage rises to approximately 15.4 volts, reconnect sense lead. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start).





# TRANSPO TESTER INSTRUCTIONS

for     MITSUBISHI     type regulators

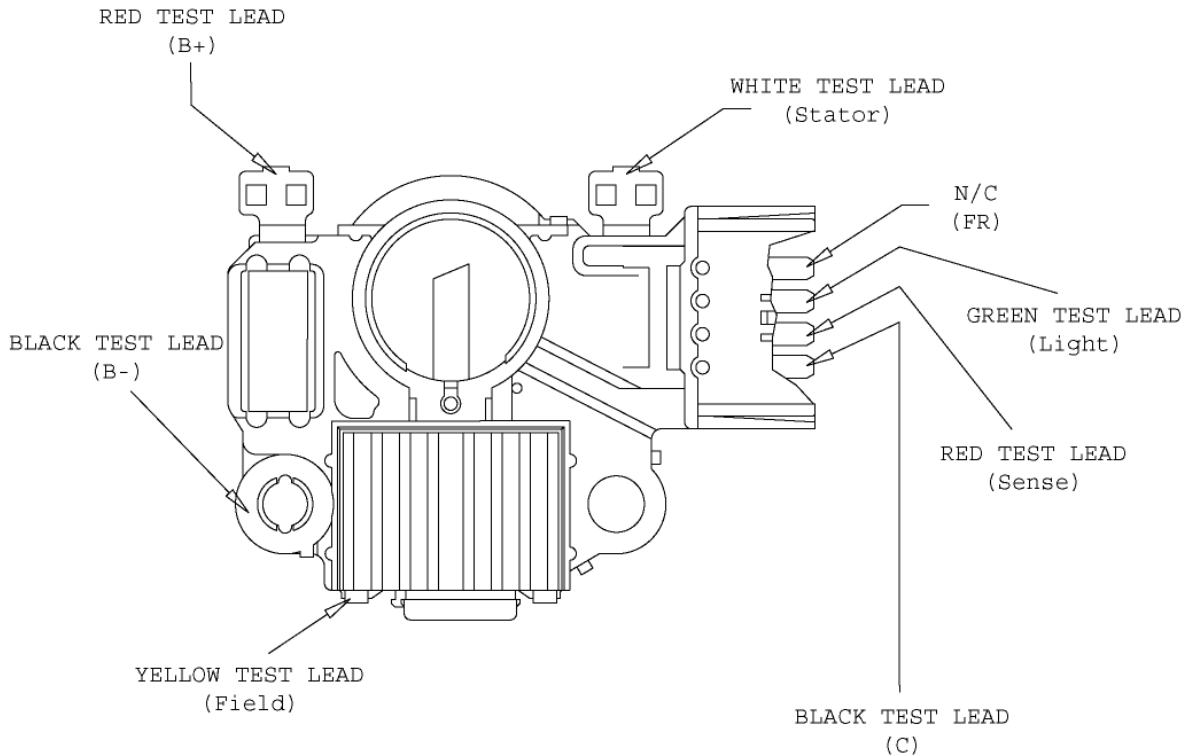
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IM341</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove sense lead and voltage rises to approximately 15.4 volts, reconnect sense lead. Connect Black test lead to "C" terminal and voltage drops to 13.1 volts. Remove white test lead from stator, 12 volt lamp comes on, voltage drops to 12 volts and field LED stays on (soft start). Remove Light lead field light and Lamp light turn off.

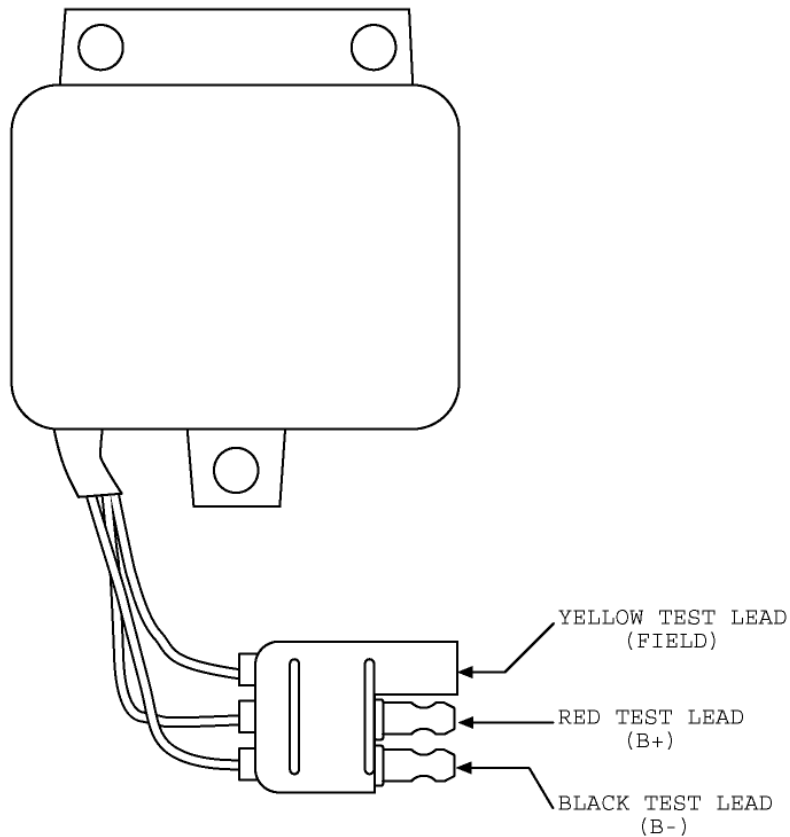


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-61A	B	24	28.0	M5-136A	B	12	14.2
M5-74A	B	32	39.2	M5-147A	B	12	15.00
M5-79A	B	12	14.2	M5-148A	B	24	28.0
M5-94A	B	32	38.4	M5-154A	B	12	14.2

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

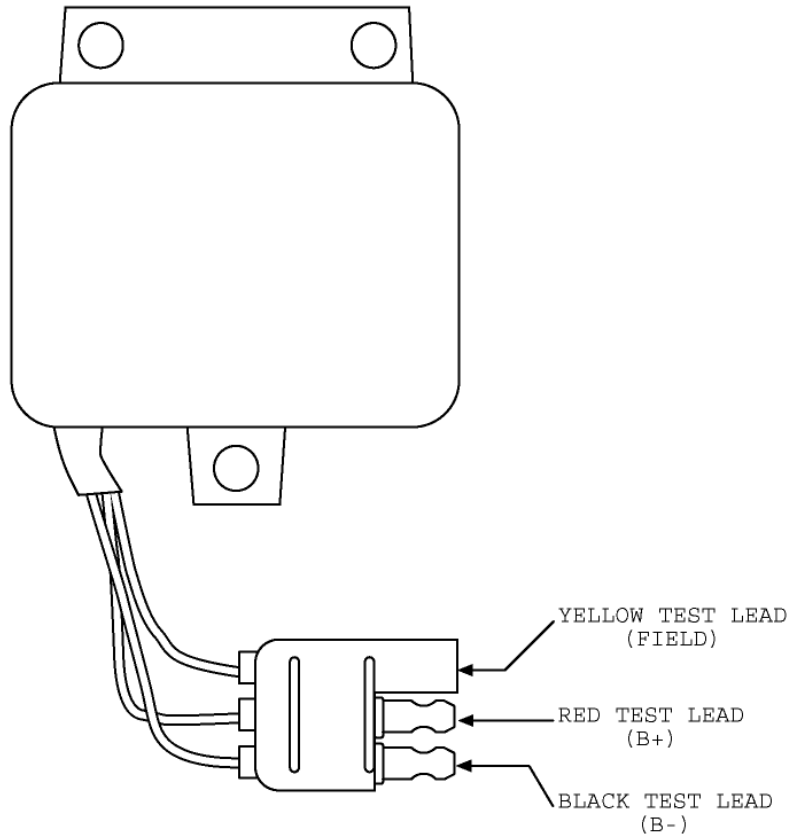


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-156A	B	12	14.2	M5-177A	B	24	28.0
M5-157A	B	24	29.2	M5-191A	B	12	14.2
M5-161A	B	24	28.4	M5-211A	B	12	14.2
M5-163A	B	24	28.0	M5-232A	B	12	14.4

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

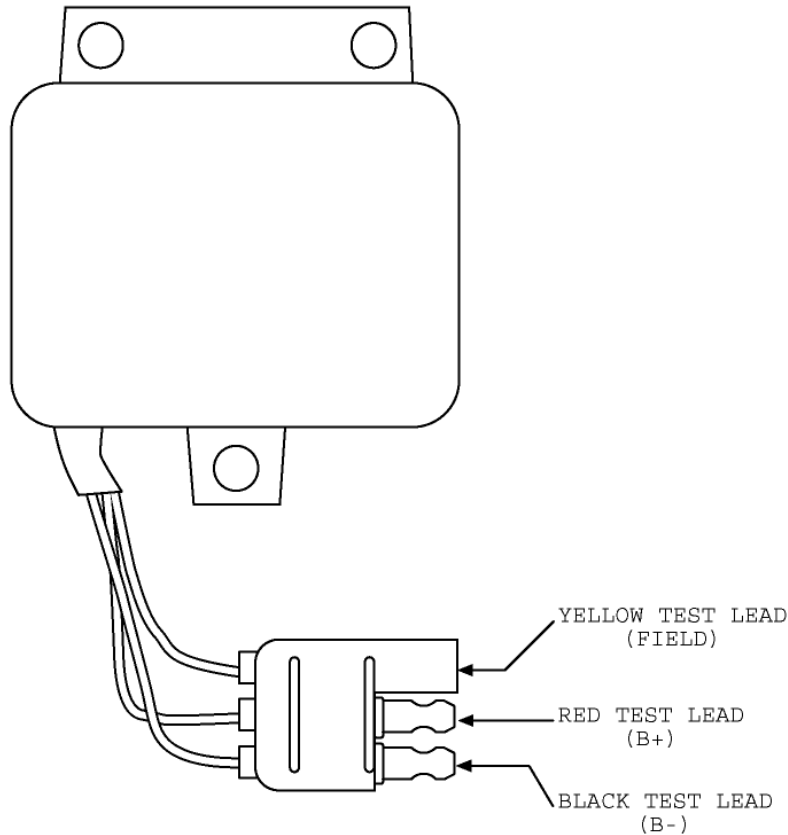


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-239A</b>	<b>B</b>	<b>12</b>	<b>13.8</b>				
<b>M5-274A</b>	<b>B</b>	<b>36</b>	<b>38.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



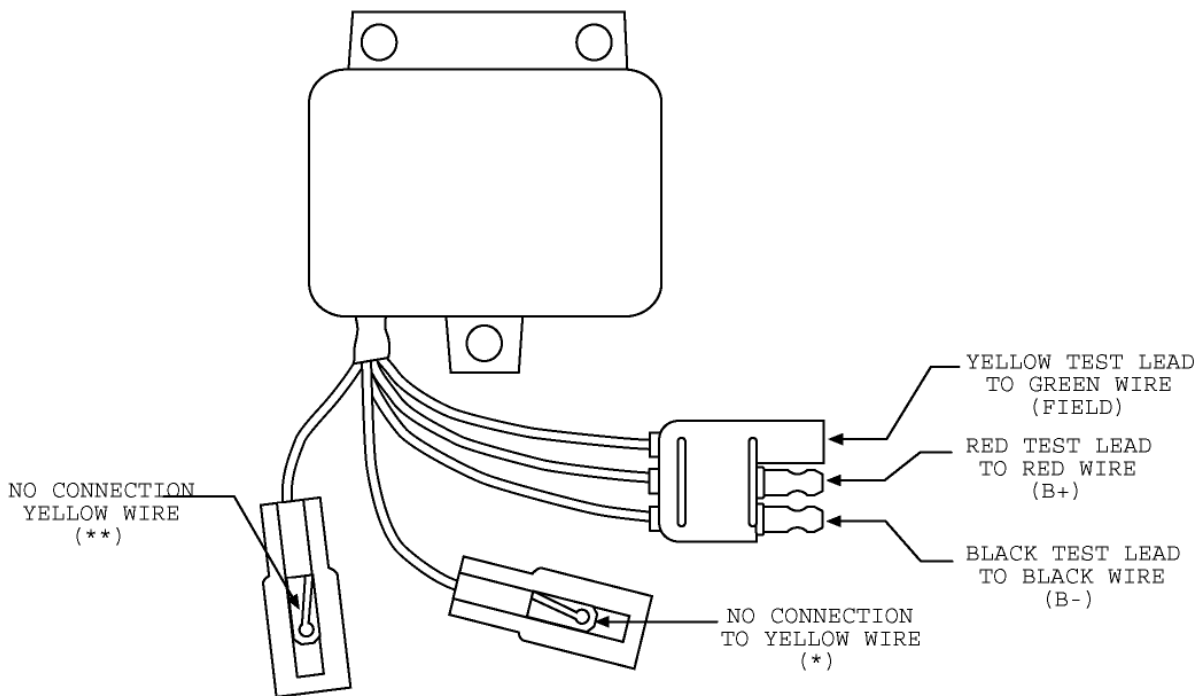
# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-28A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>	<b>M5-130A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>
<b>M5-30A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>	<b>M5-135</b>	<b>B</b>	<b>12</b>	<b>15.0</b>
<b>M5-42A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>	<b>M5-130</b>	<b>B</b>	<b>12</b>	<b>15.2</b>
<b>M5-50A</b>	<b>B</b>	<b>12</b>	<b>14.5</b>	<b>M5-141A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: \* Regulators with One (1) yellow wire: M5-30A, M5-42A, M5-130A, M5-135, M5-141A  
 \*\* Regulators with Two (2) yellow wires: M5-28A, M5-50A



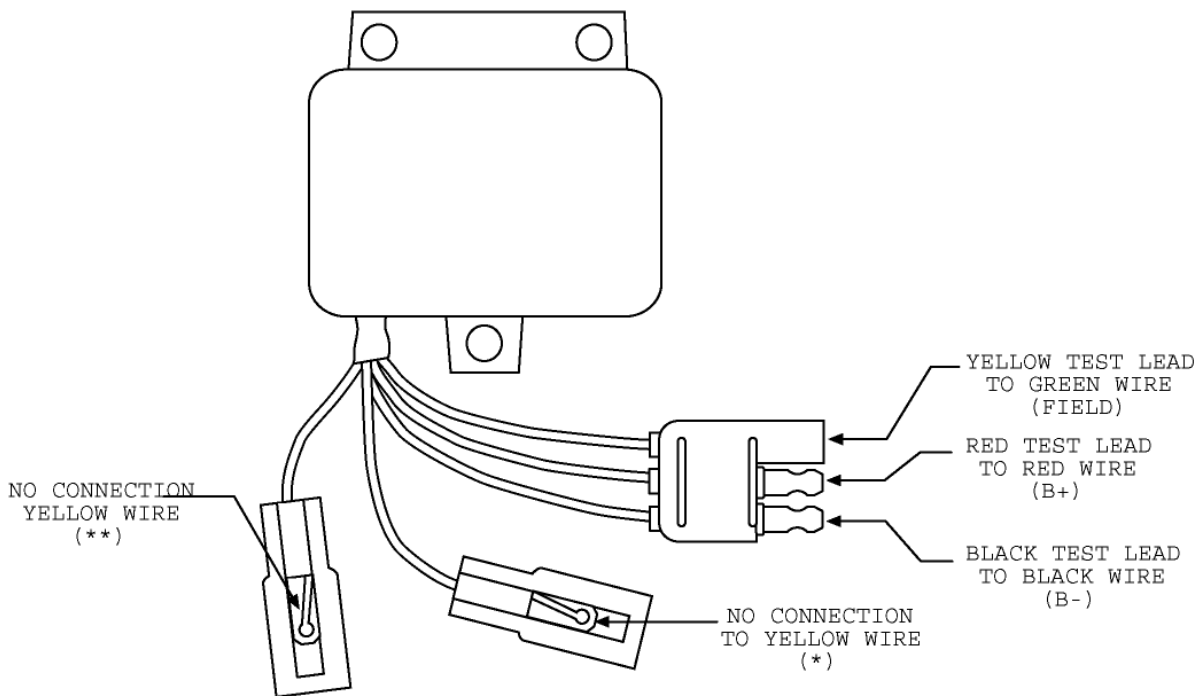
# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-143A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>M5-222A</b>	<b>B</b>	<b>12</b>	<b>15.3</b>
<b>M5-150A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>M5-185A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>
<b>M5-206A</b>	<b>B</b>	<b>12</b>	<b>15.3</b>				
<b>M5-218A</b>	<b>B</b>	<b>12</b>	<b>15.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: \* Regulators with One (1) Yellow wire: M5-143A, M5-150A, M5-206A, M5-218A, M5-222A, M5-185A

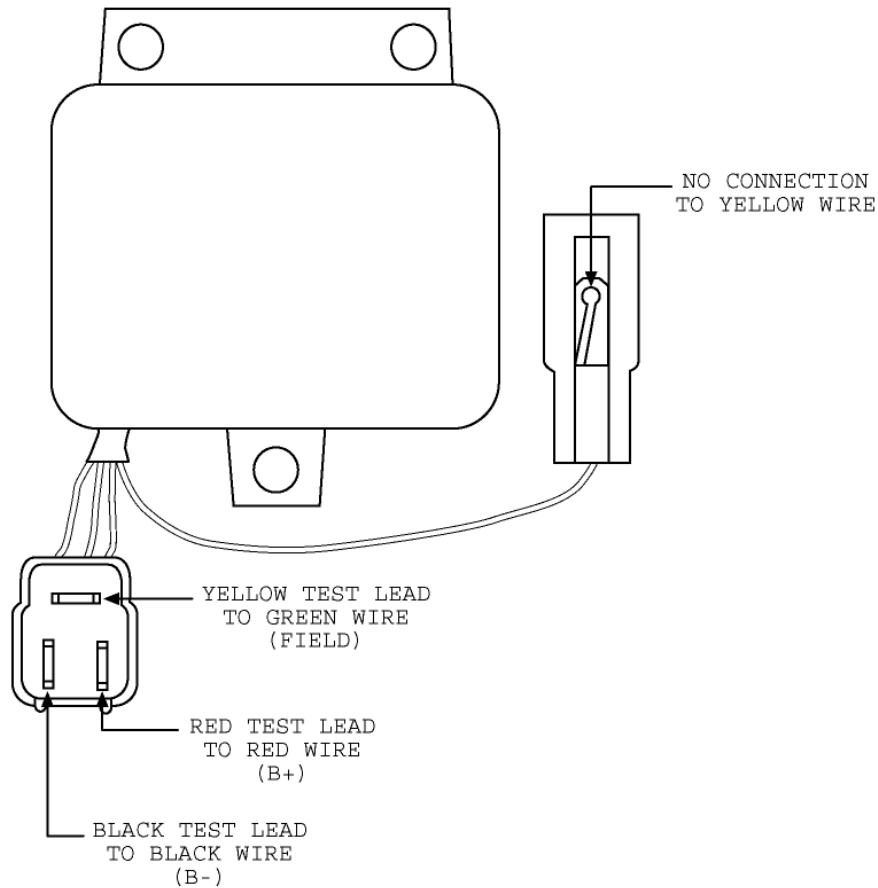


# TRANSPO TESTER INSTRUCTIONS

for           MOTOROLA           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-35A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				
<b>M5-47A</b>	<b>B</b>	<b>24</b>	<b>19.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

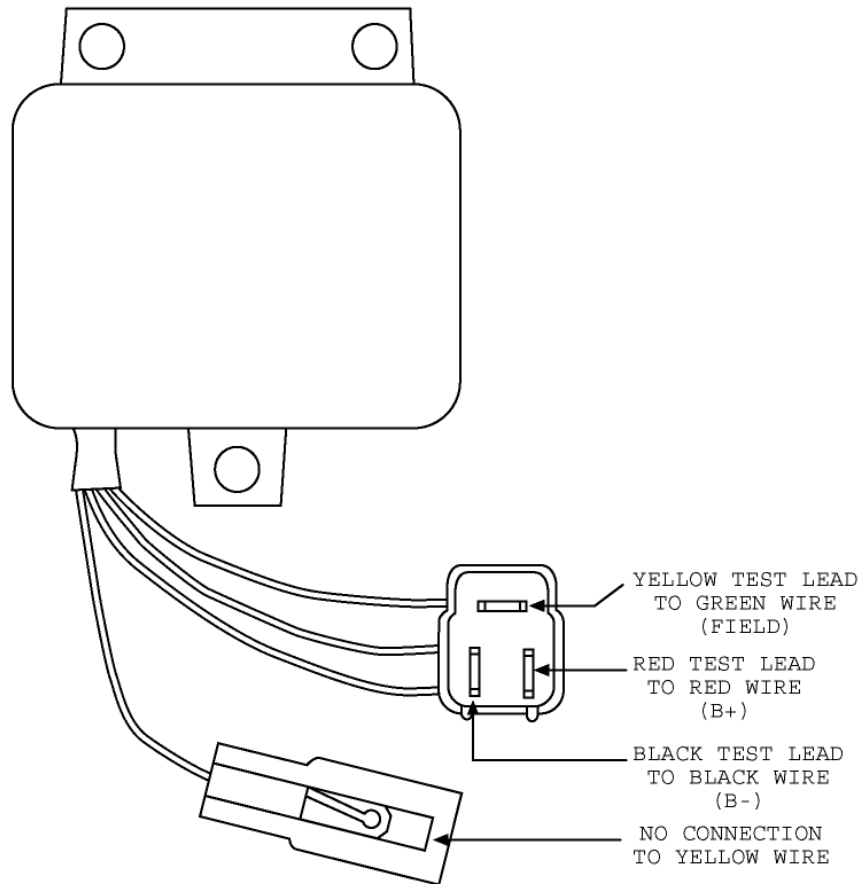


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-137A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				
<b>M5-142A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-184A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



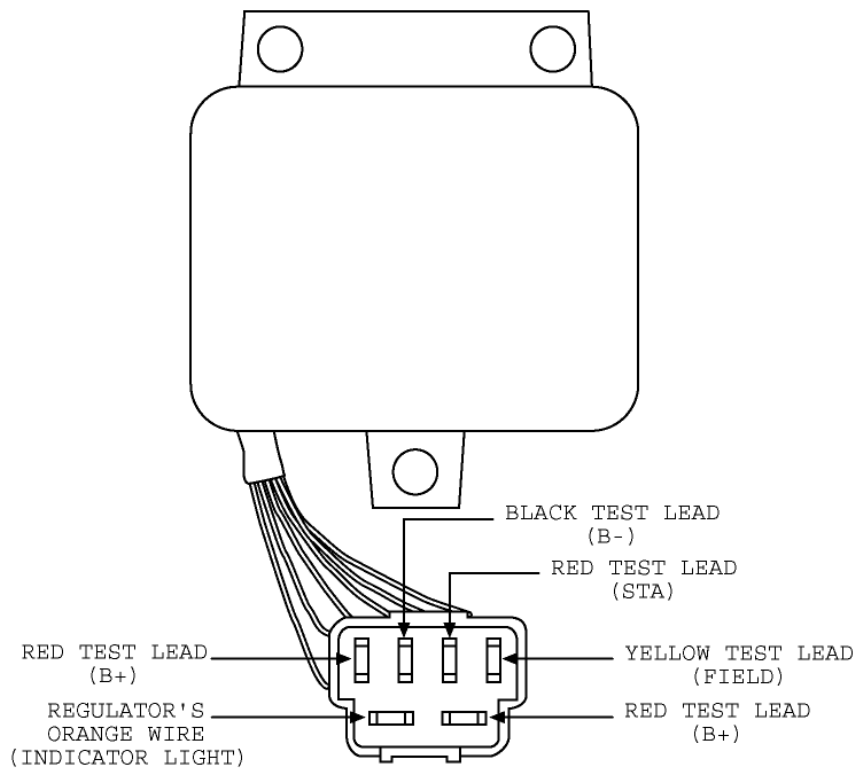


# TRANSPO TESTER INSTRUCTIONS

for           MOTOROLA           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-113A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-122A</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				
<b>M5-216A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from yellow wire of the regulator. Indicator light should turn on and the meter will indicate the set point voltage.

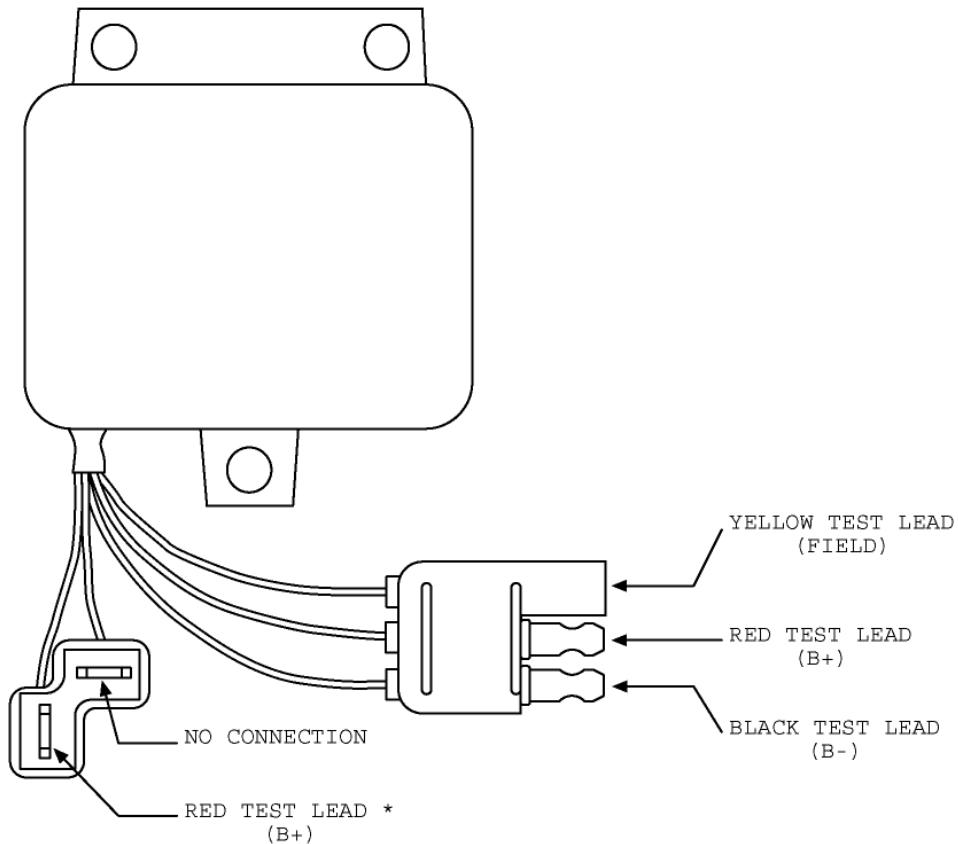


# TRANSCO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-204A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked with "\*". Field lamp should still blink and the meter will indicate approximately 15.3 v.

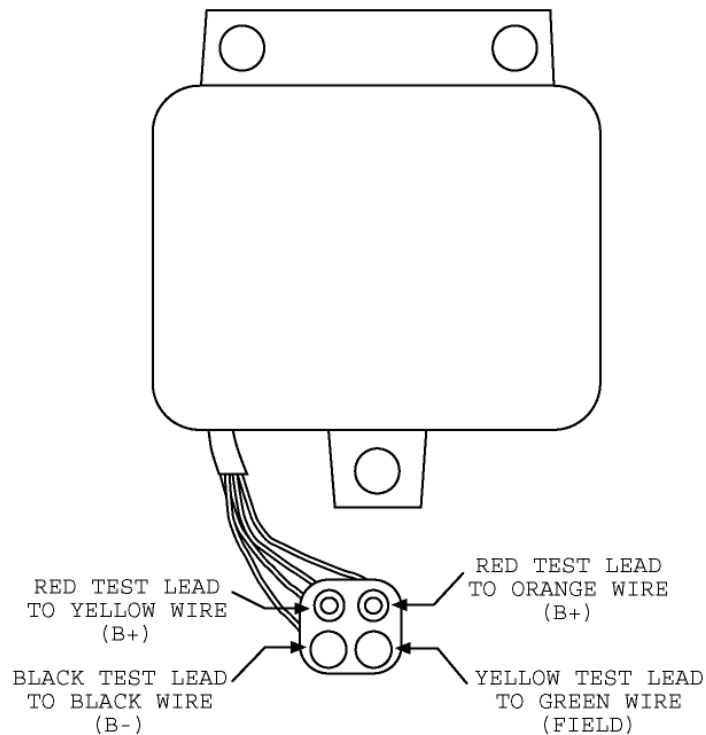


# TRANSCO TESTER INSTRUCTIONS

for           MOTOROLA           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-24A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>	<b>M5-205A</b>	<b>B</b>	<b>12</b>	<b>14.1</b>
<b>M5-138A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>	<b>M5-210A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>M5-173A</b>	<b>B</b>	<b>12</b>	<b>14.1</b>	<b>M5-223A</b>	<b>B</b>	<b>12</b>	<b>13.8</b>
<b>M5-174A</b>	<b>B</b>	<b>12</b>	<b>14.1</b>	<b>M5-228A</b>	<b>B</b>	<b>12</b>	<b>14.1</b>

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

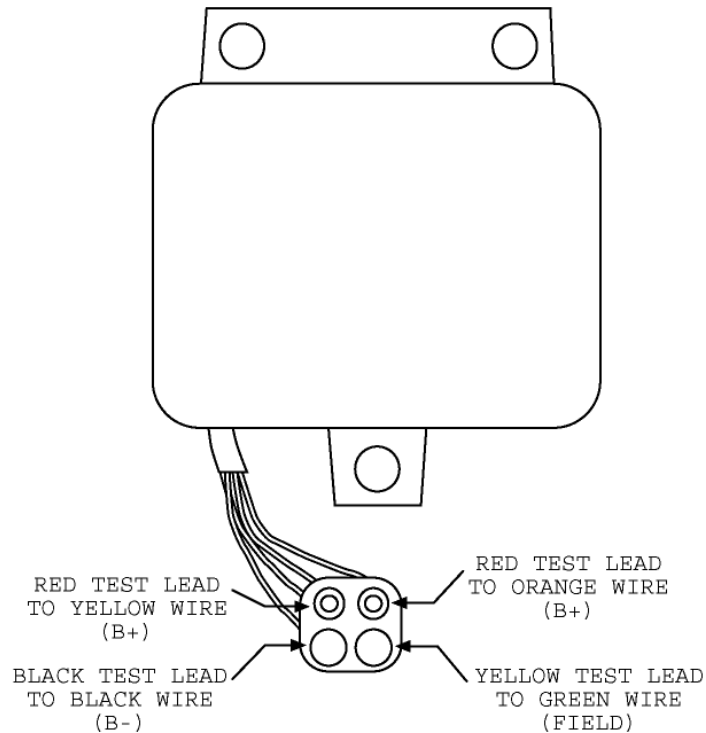


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-230A</b>	<b>B</b>	<b>12</b>	<b>14.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

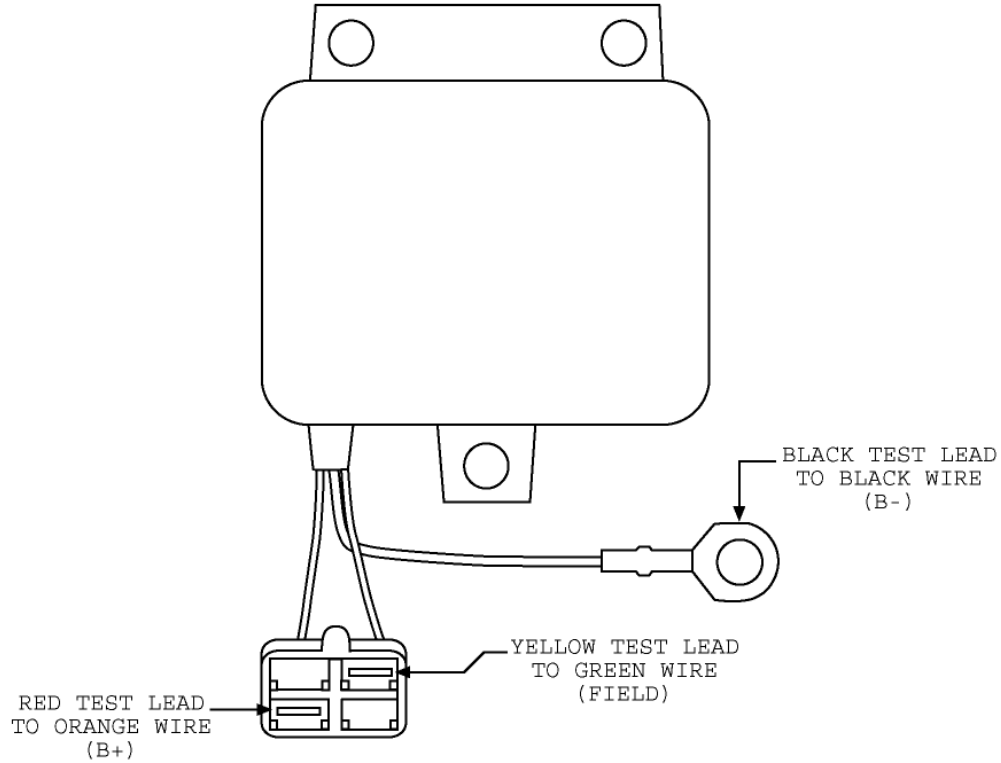


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-196A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

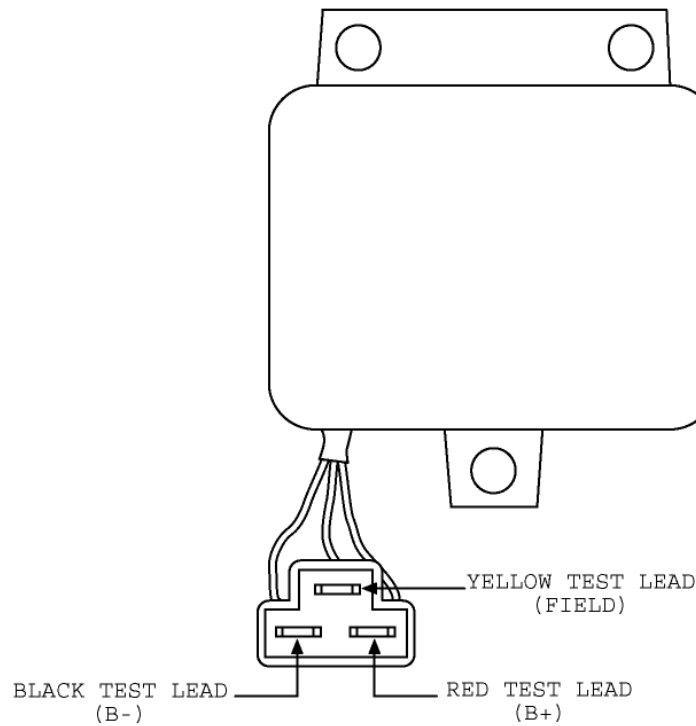


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-159A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>				
<b>M5-227A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

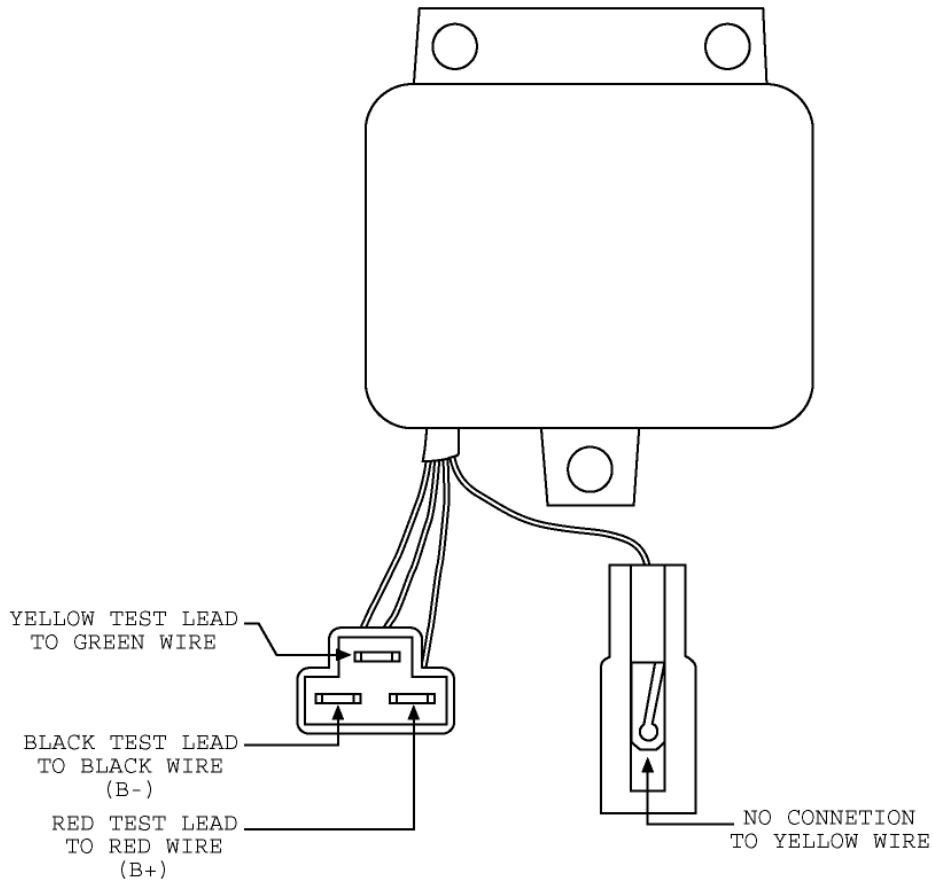


# TRANPO TESTER INSTRUCTIONS

for MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-33A	B	12	15.2	M5-178A	B	12	15.2
M5-44A	B	12	15.2				
M5-109A	B	12	15.2				
M5-140A	B	12	15.2				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

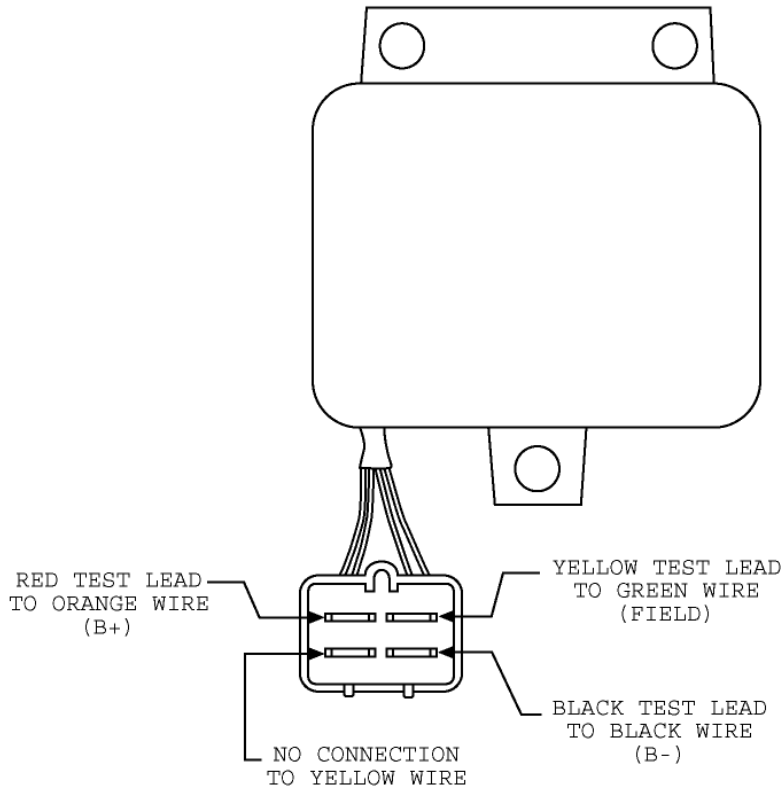


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-25A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				
<b>M5-67A</b>	<b>B</b>	<b>12</b>	<b>14.8</b>				
<b>M5-139A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



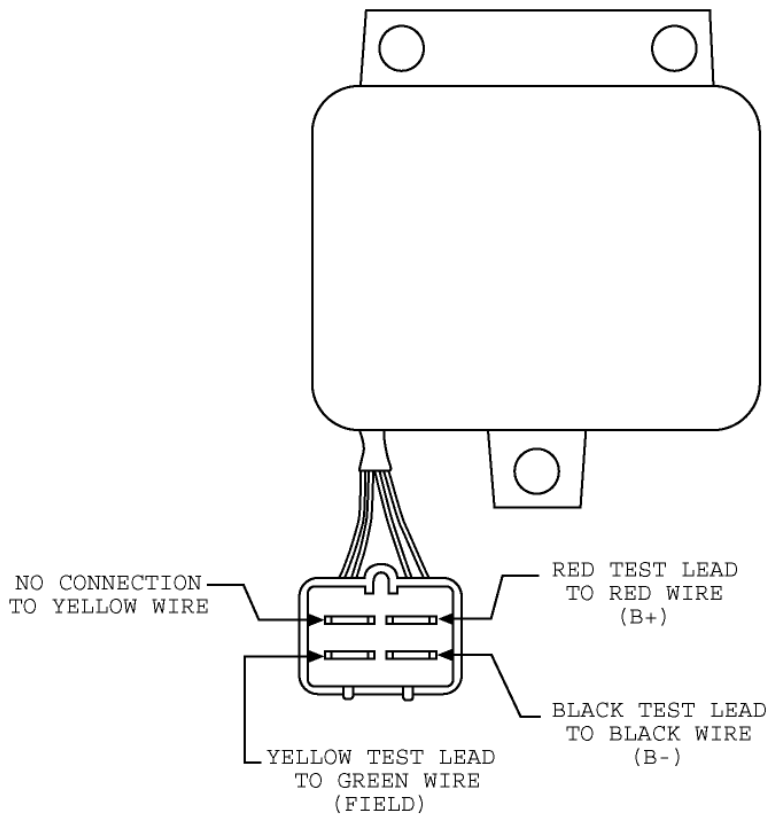


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-146</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				
<b>M5-146A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

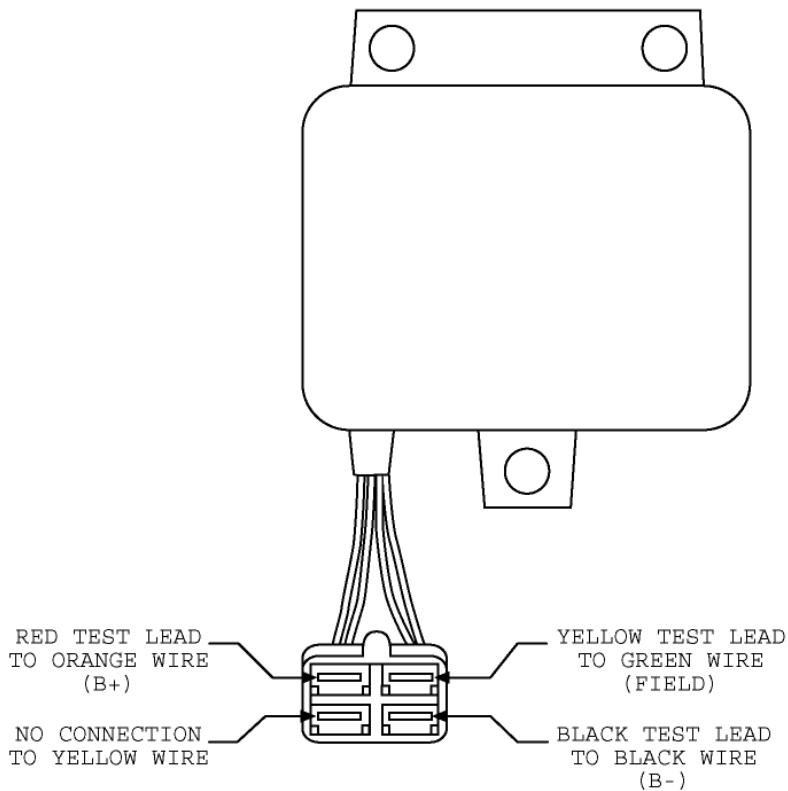


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-76A</b>	<b>B</b>	<b>12</b>	<b>14.0</b>	<b>M5-701A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>M5-118A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-134A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-144A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

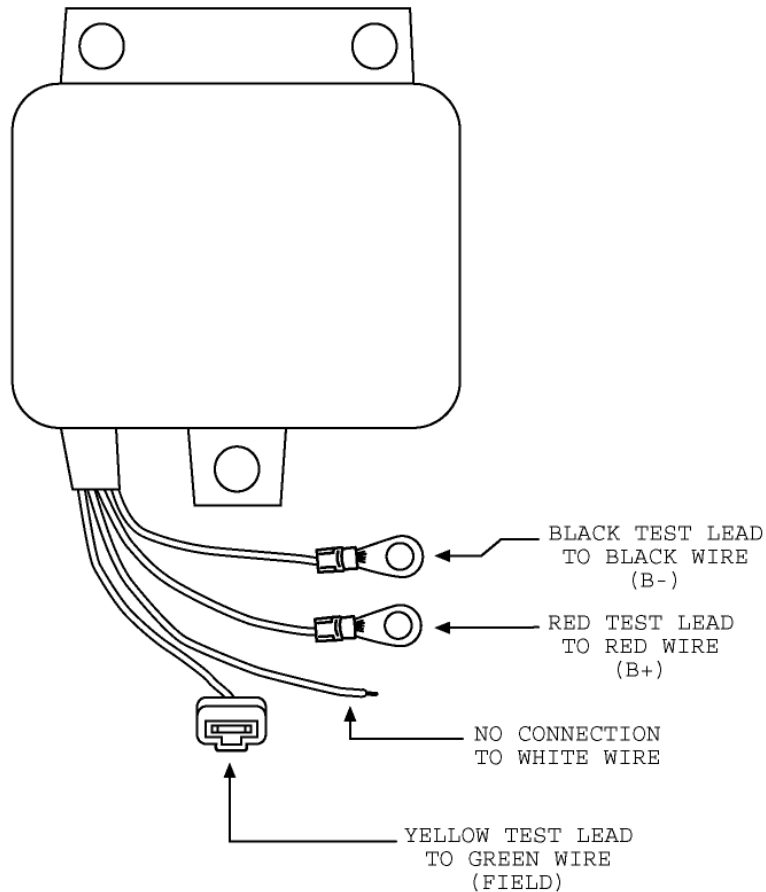


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-145A</b>	<b>B</b>	<b>12</b>	<b>15.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

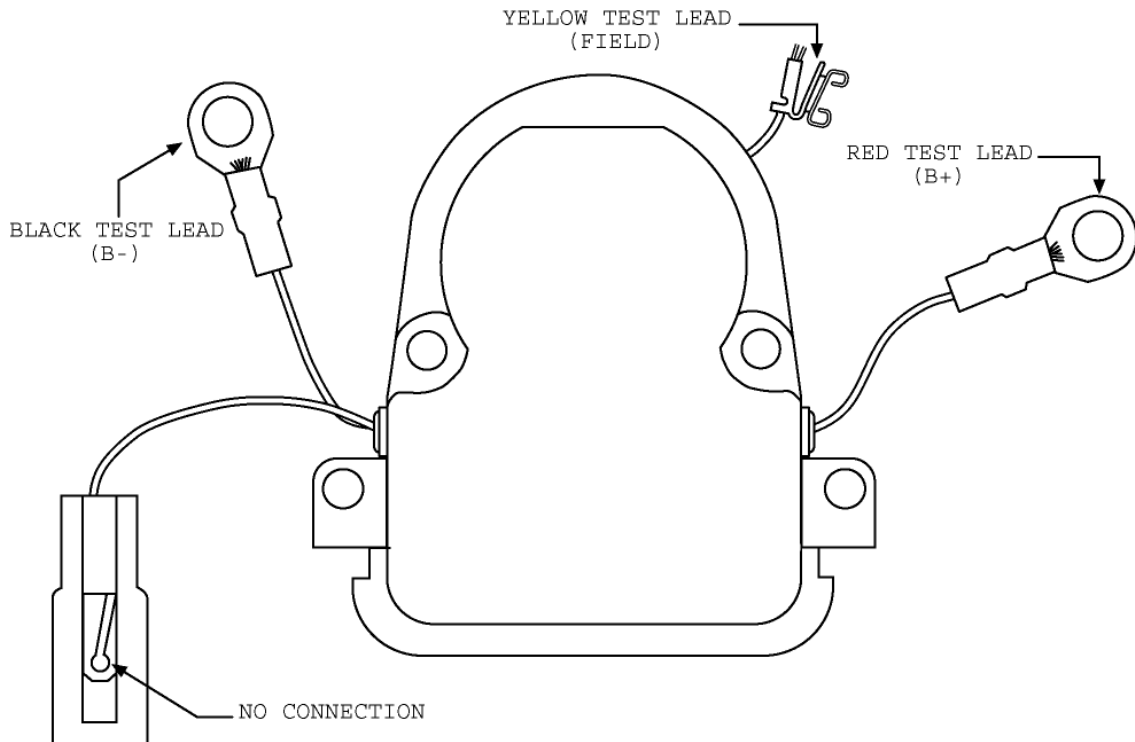


# TRANSCO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-197A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>				
<b>M5-207A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-250A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

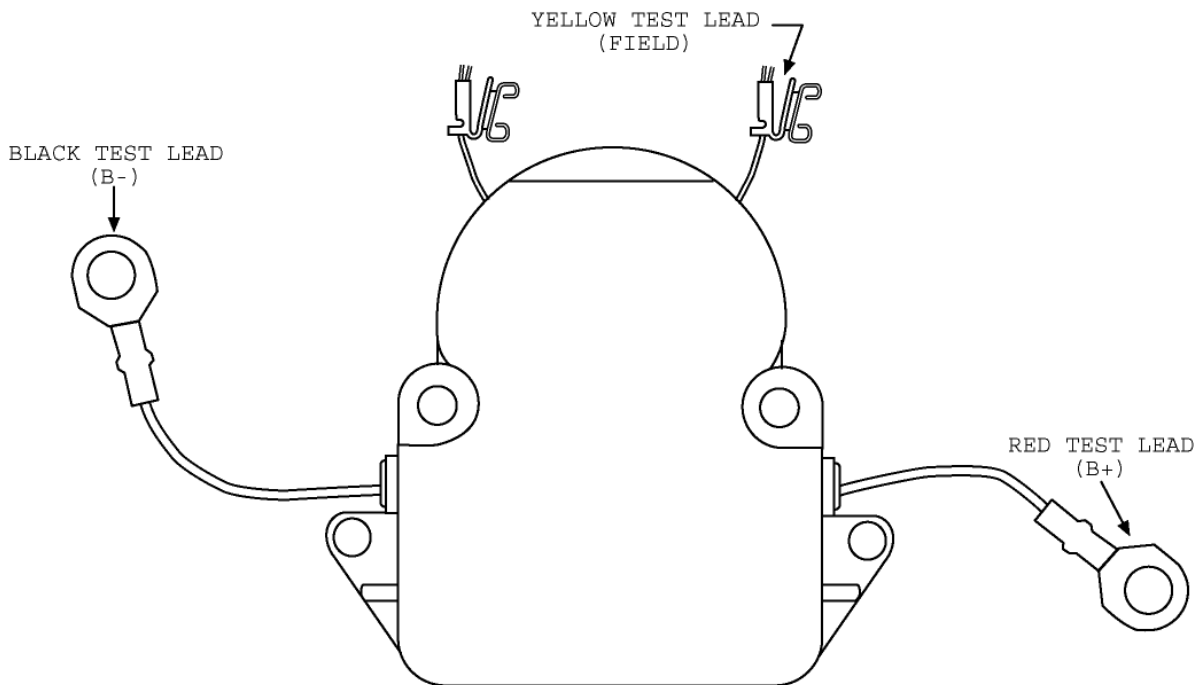


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-198A	B	12	15.0				
M5-200A	B	12	14.2				
M5-244A	B	12	13.3				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**



# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-200SA6</b>	<b>B</b>	<b>6</b>	<b>7.8</b>	<b>M5-200SA32</b>	<b>B</b>	<b>32</b>	<b>37.5</b>
<b>M5-200SA8</b>	<b>B</b>	<b>8</b>	<b>9.5</b>				
<b>M5-200SA12</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-200SA24</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

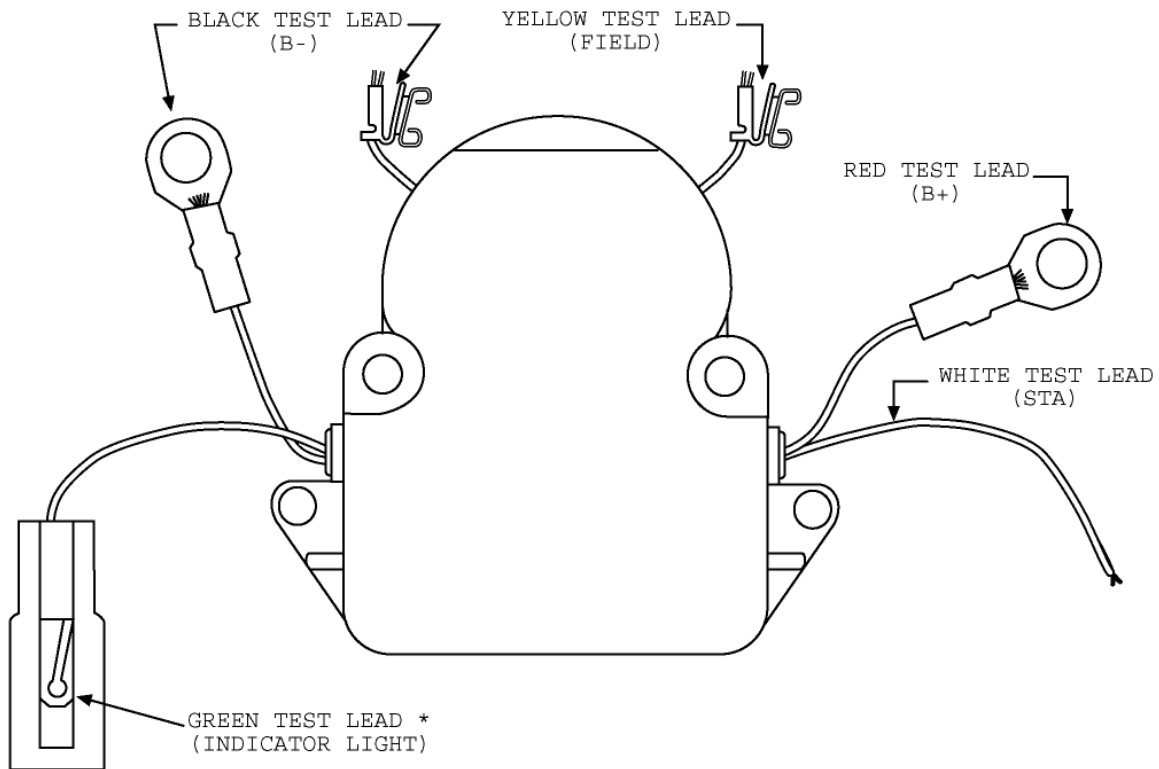
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from the yellow wire of the regulator marked "Stator ". Field lamp should turn off and the meter will indicate low voltage. On regulators with indicator light, light should also turn on when stator is removed from the regulator.

\* NOTE: Not used on 24V & 32V Regulators

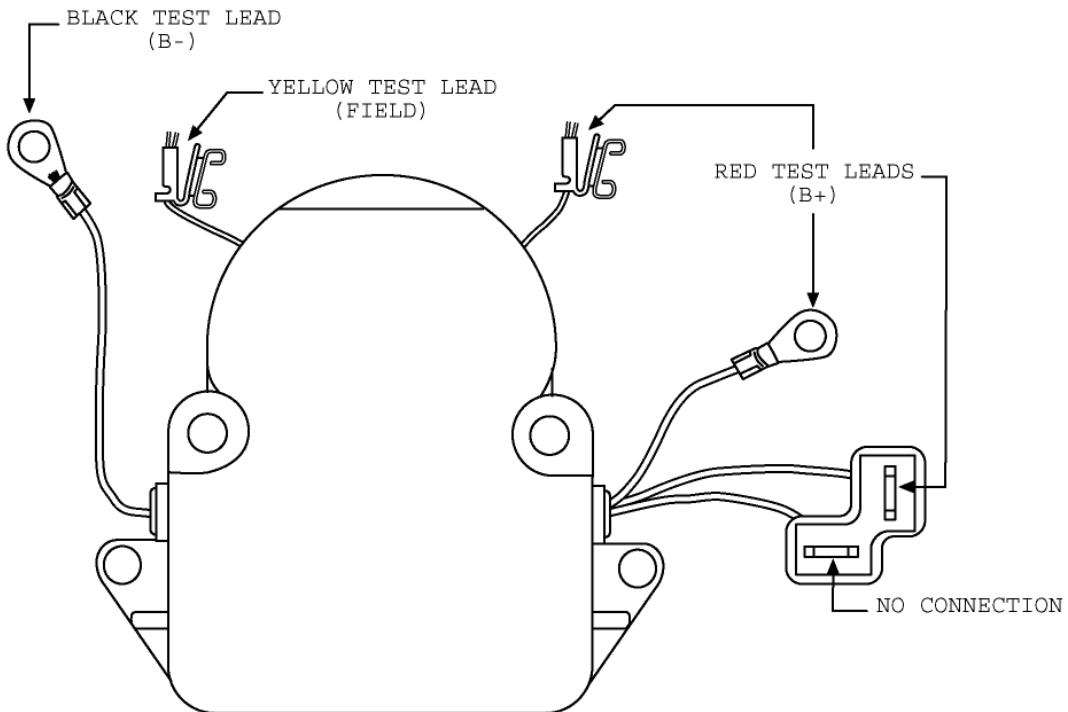


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-226A	A	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

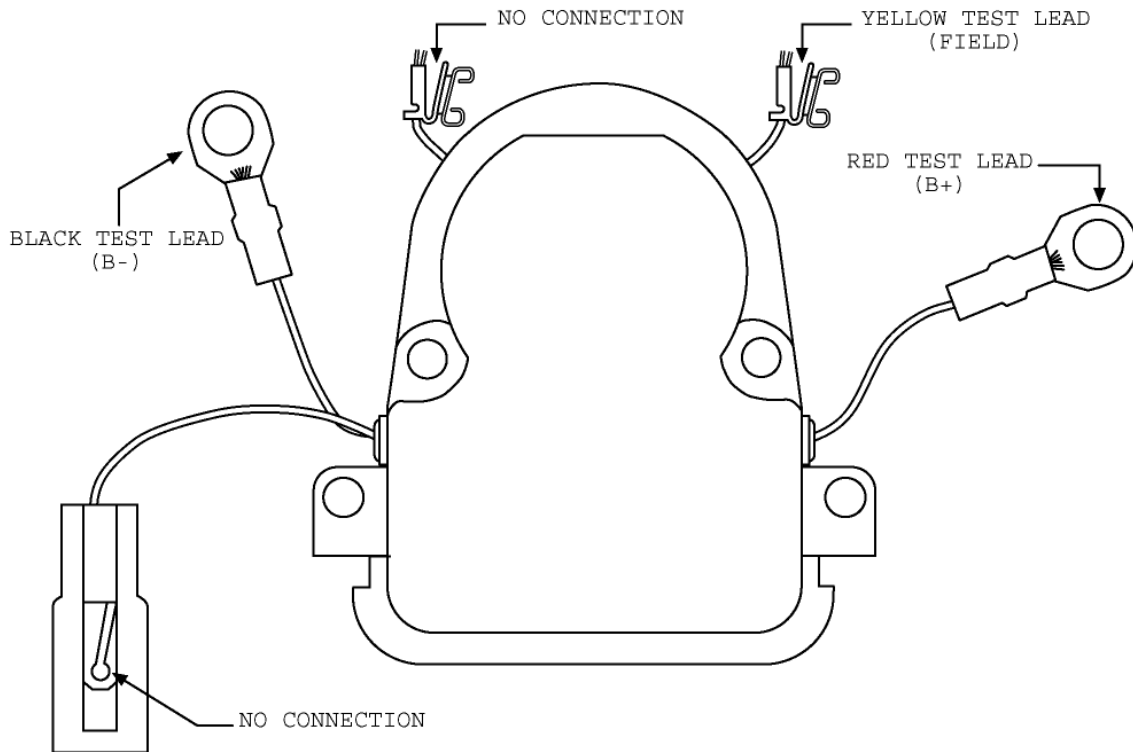


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-208A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>				
<b>M5-209A</b>	<b>B</b>	<b>24</b>	<b>28.0</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Measure between regulator's yellow and red wire using an ohm meter (without a connection to the voltage regulator tester). Approximately 150 Ohms must be measured.



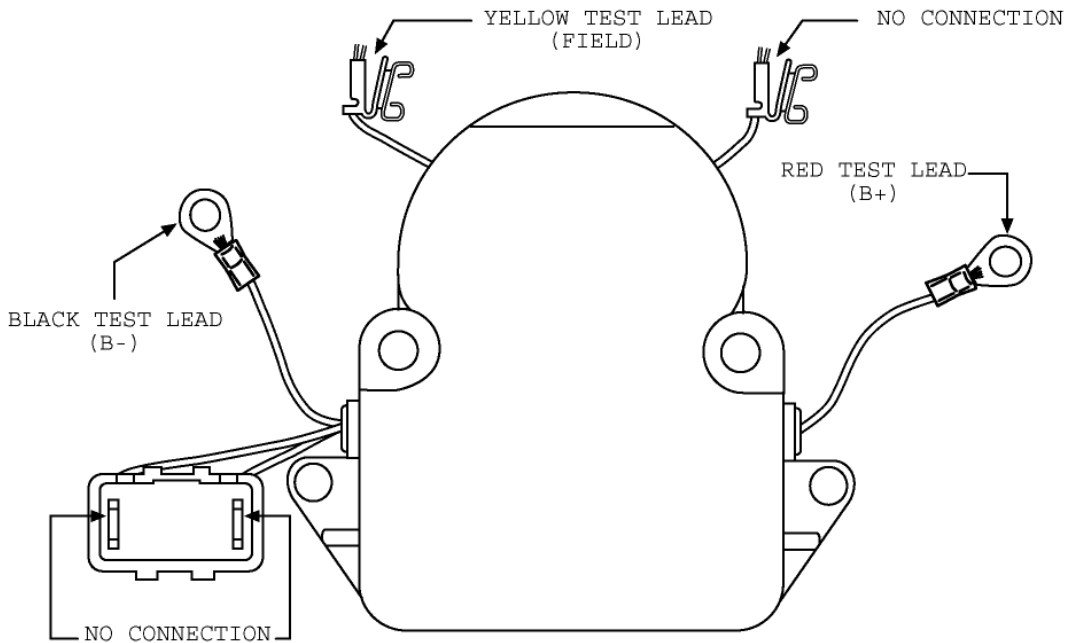


# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-225A</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>M5-225</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

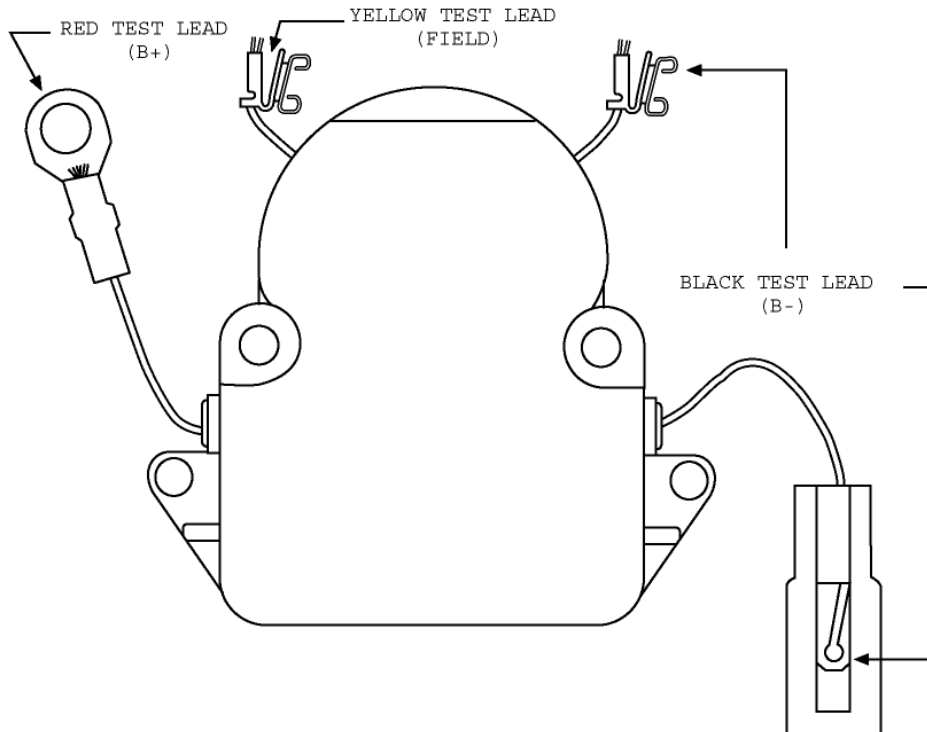


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-217A	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

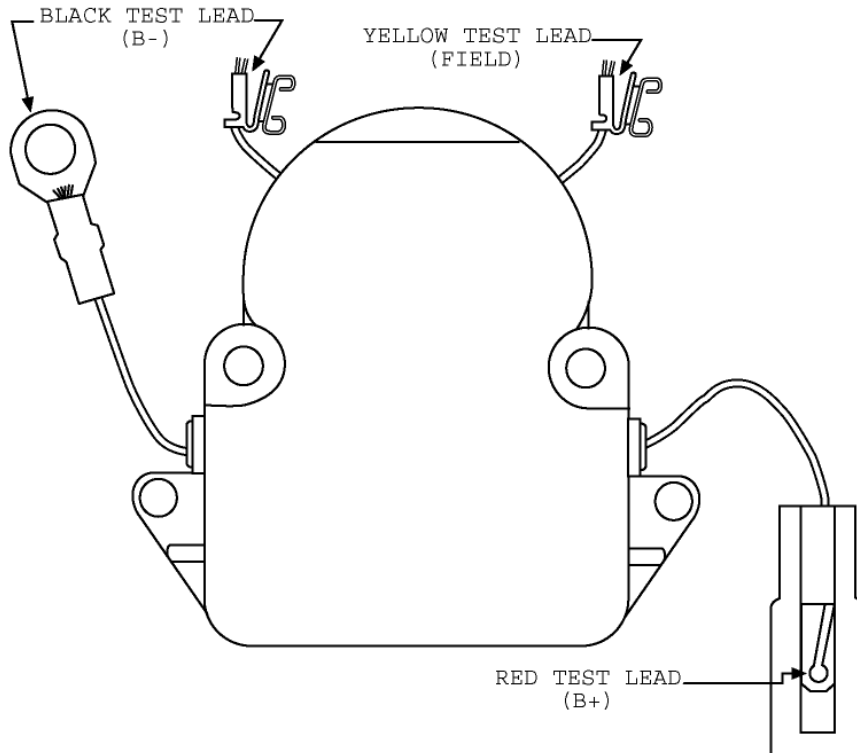


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-203A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

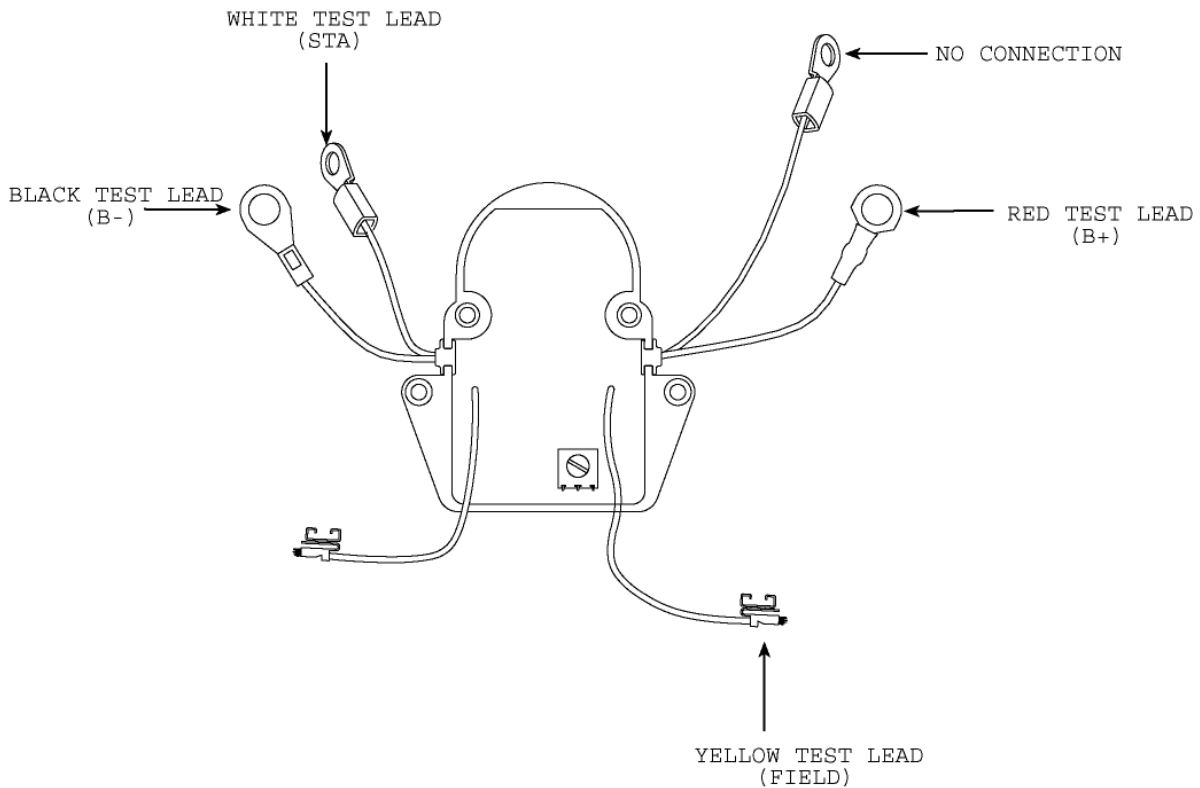


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-233A</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

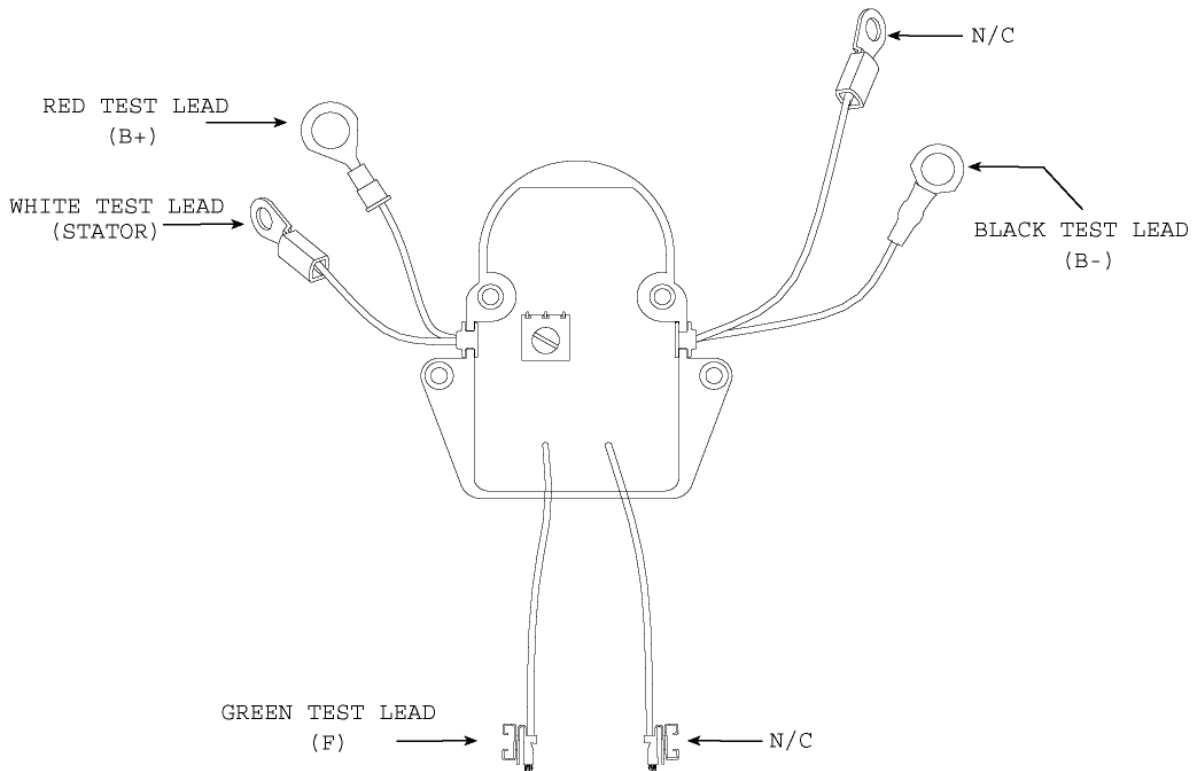


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-224A	B	12	14.4				
M5-245A	B	12	13.8				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

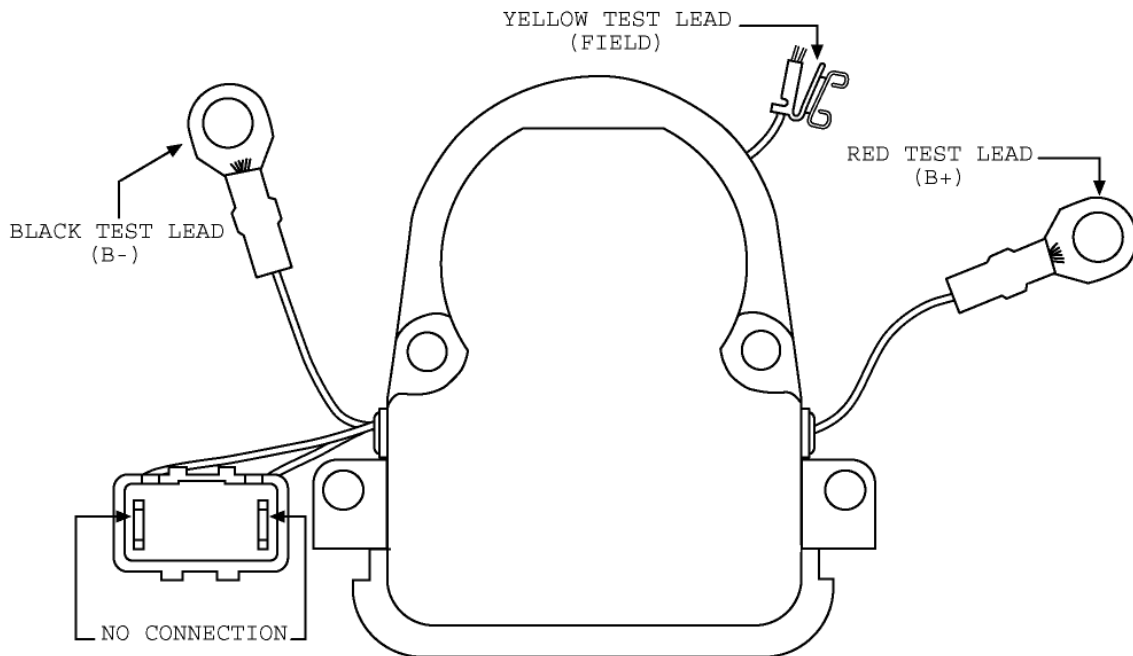


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-181A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>				
<b>M5-192A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-201A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

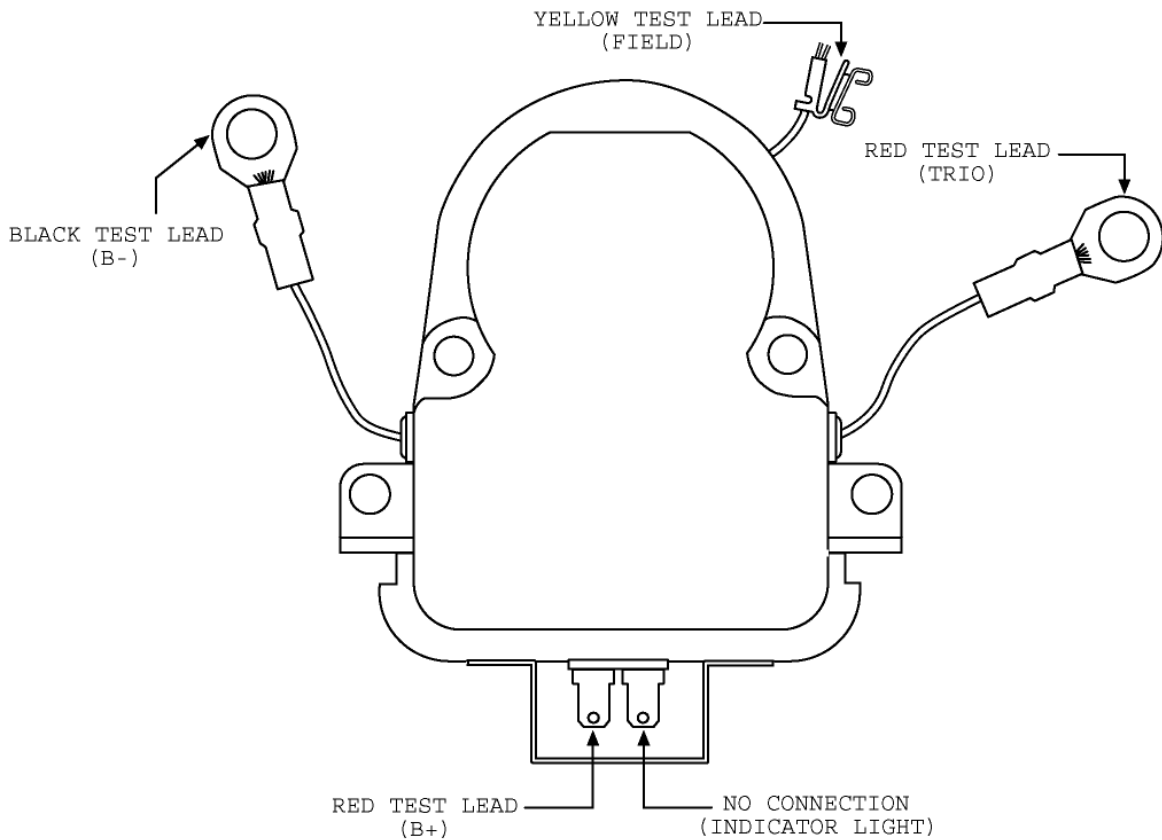


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-172A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-169A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

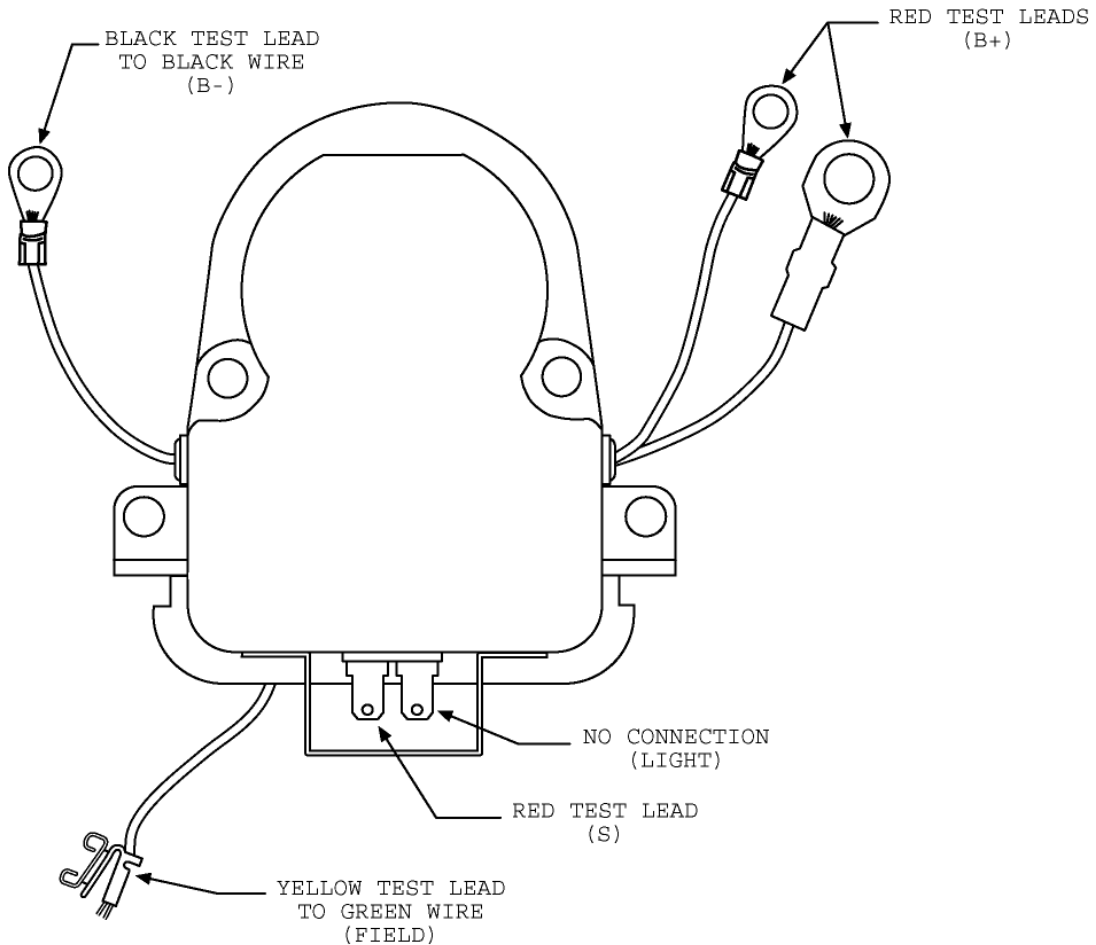


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-149A</b>	<b>B</b>	<b>24</b>	<b>28.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". field lamp should still blink and the meter will indicate approximately 29.5v.



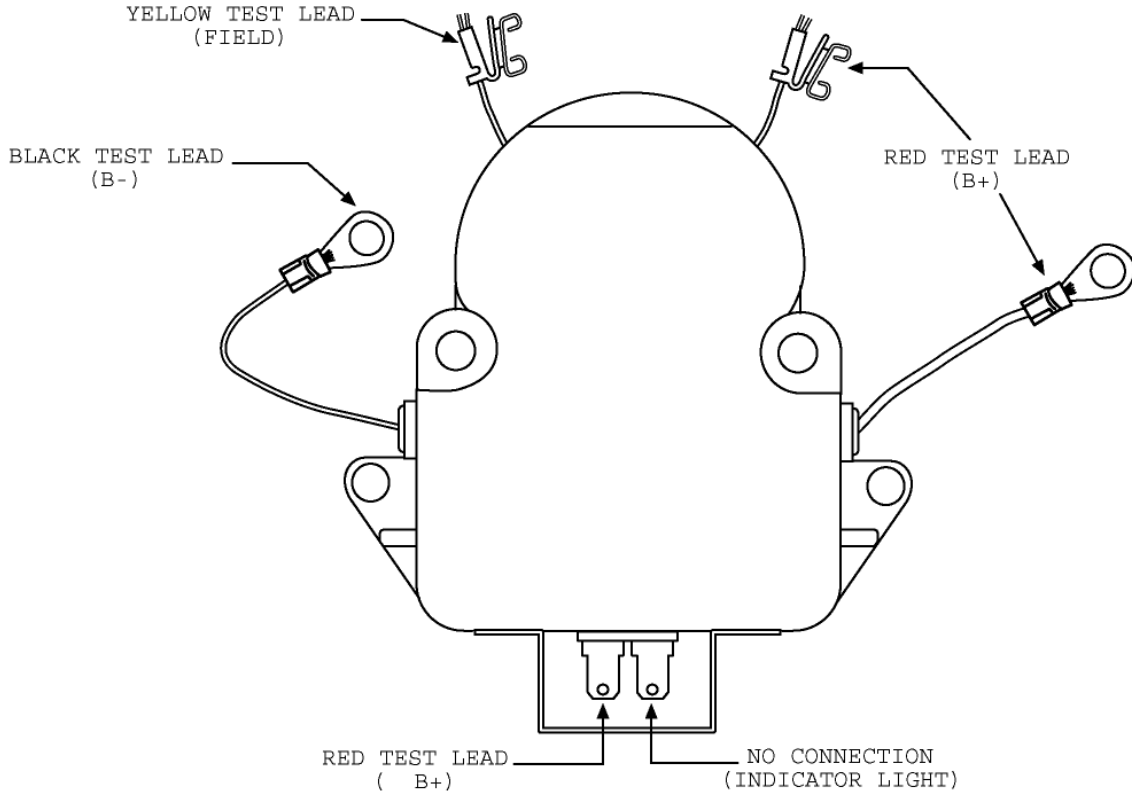


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-215A</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

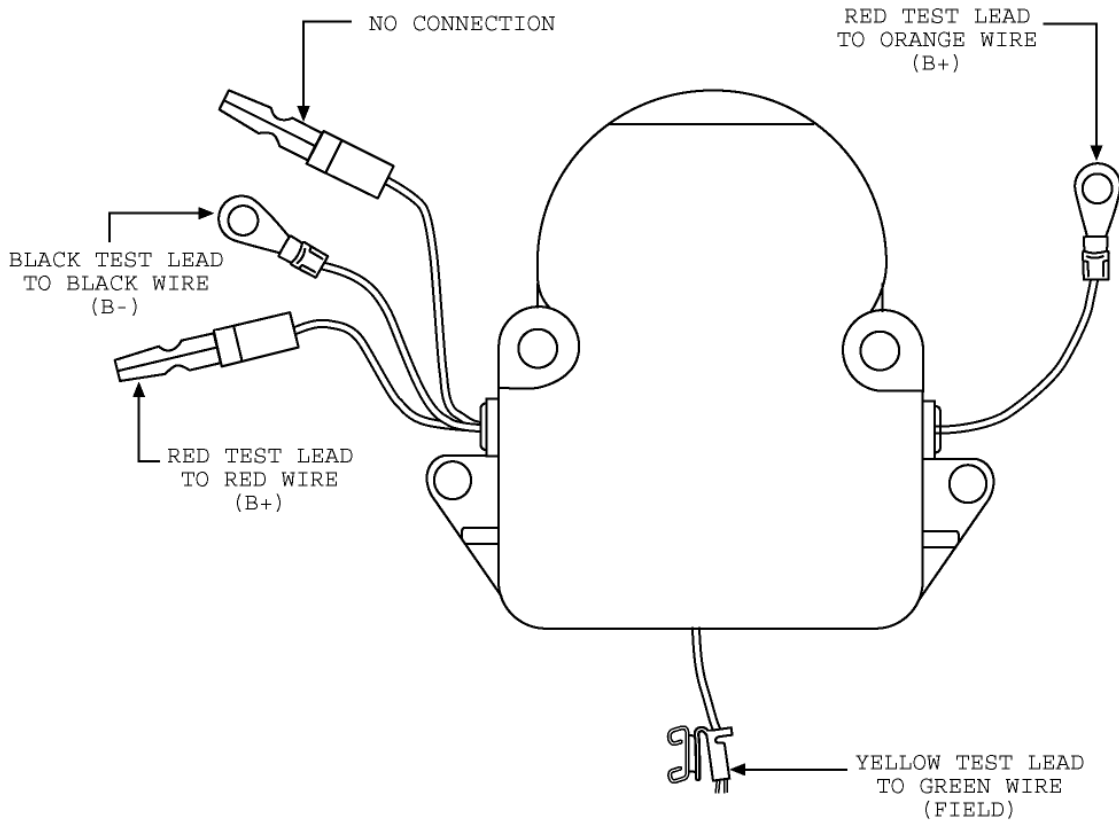


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-193A	B	12	14.4				
M5-214A	B	12	14.4				
M5-240A	B	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

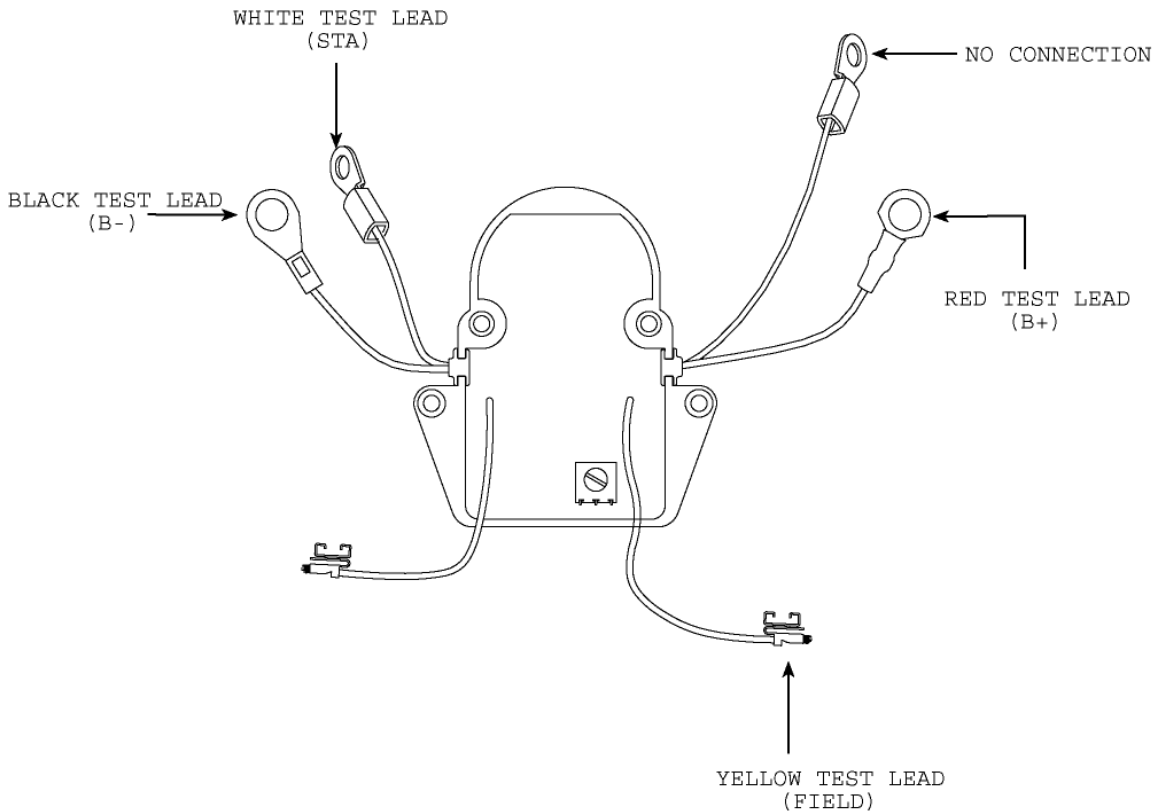


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-237A</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from stator wires. The field lamp should stay on and the meter will indicate high voltage. Connect red test lead to the post marked "no connection". Regulator will regulate at the specified set point voltage.

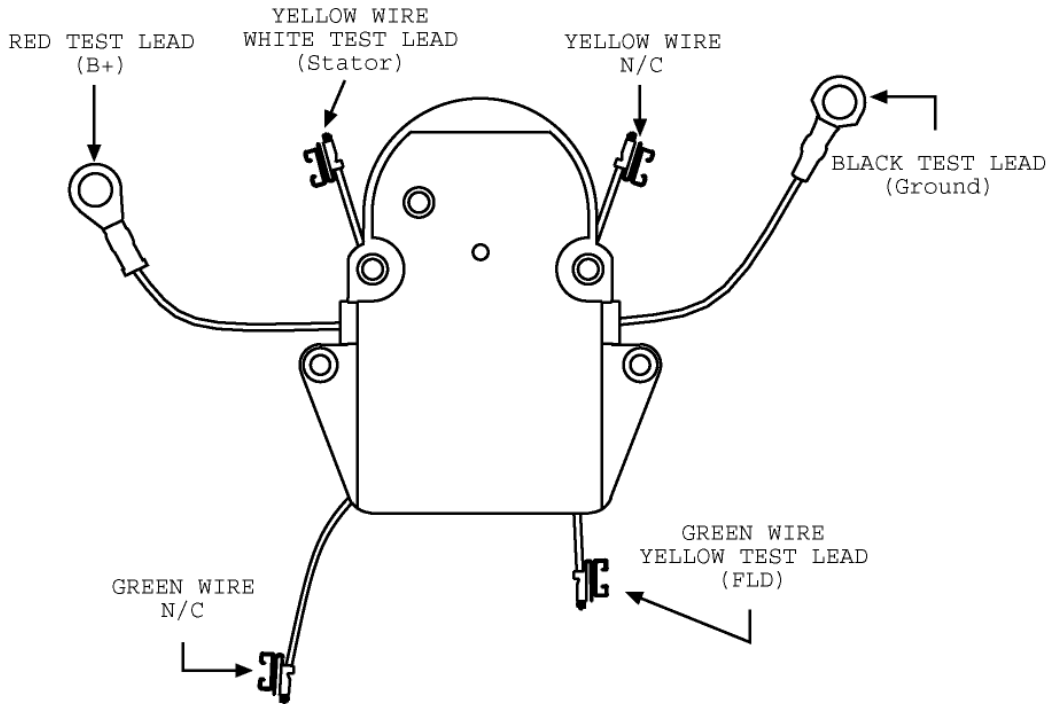


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-292A</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from terminal marked "Stator". Field lamp should turn off and the meter will indicate approximately 12v.

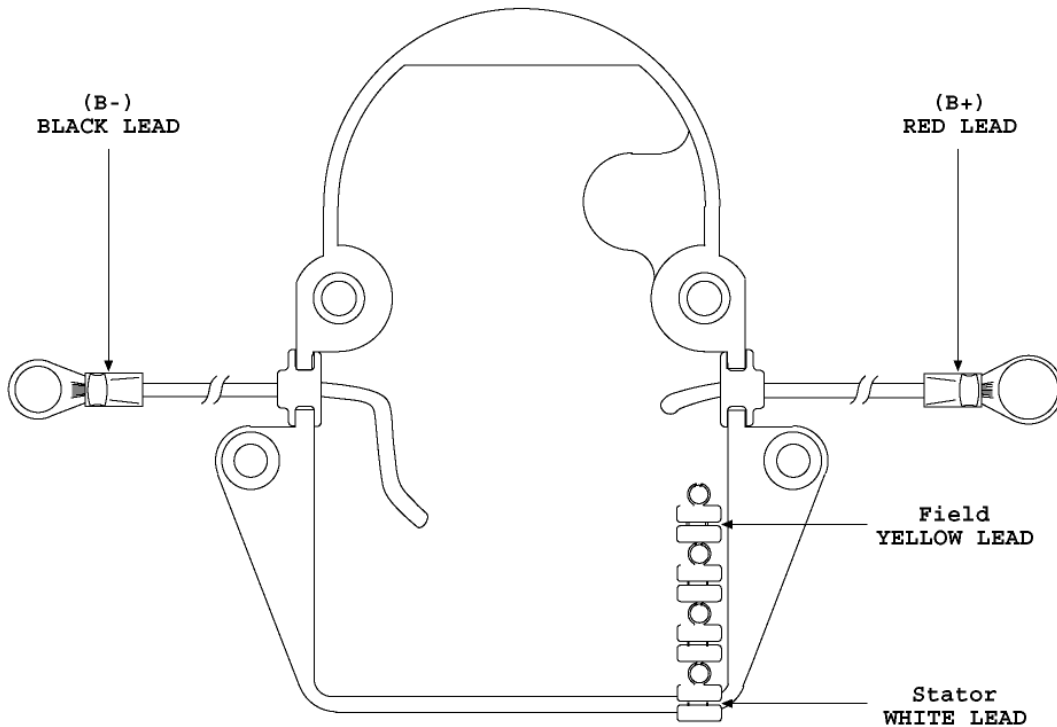


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-329A	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



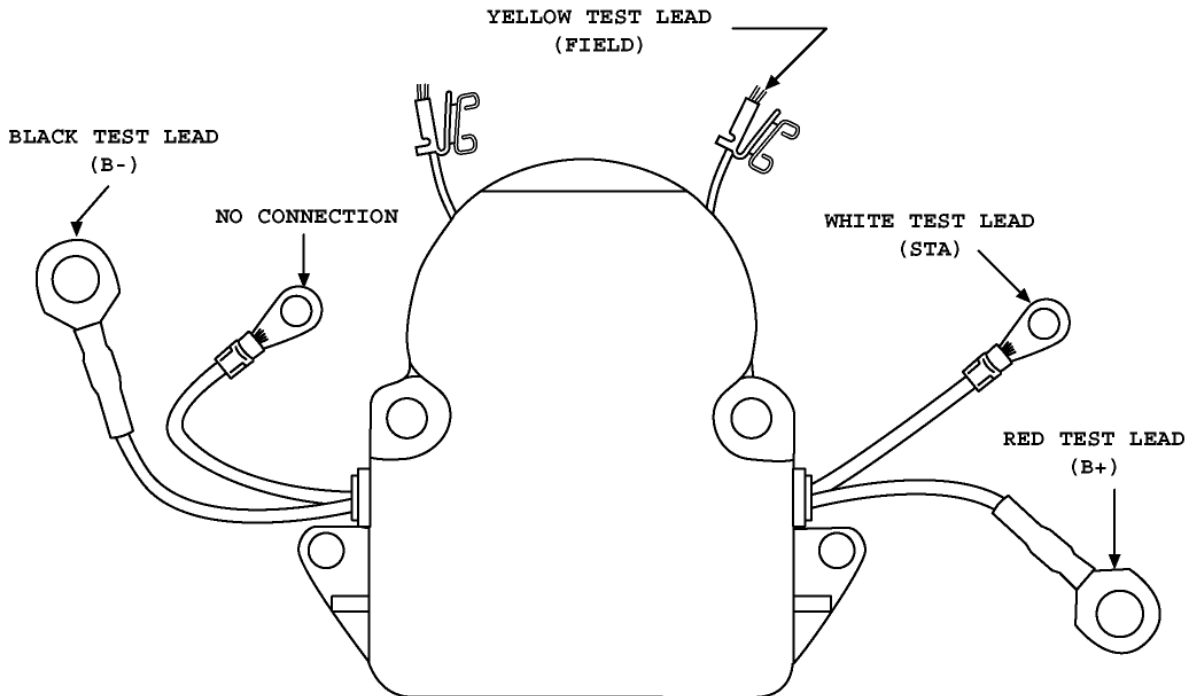
# TRANPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-247A	B	24	27.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

NOTE: Original Equipment Regulator no. 5-247 is an "A" circuit compared to Transpo's "B" circuit.



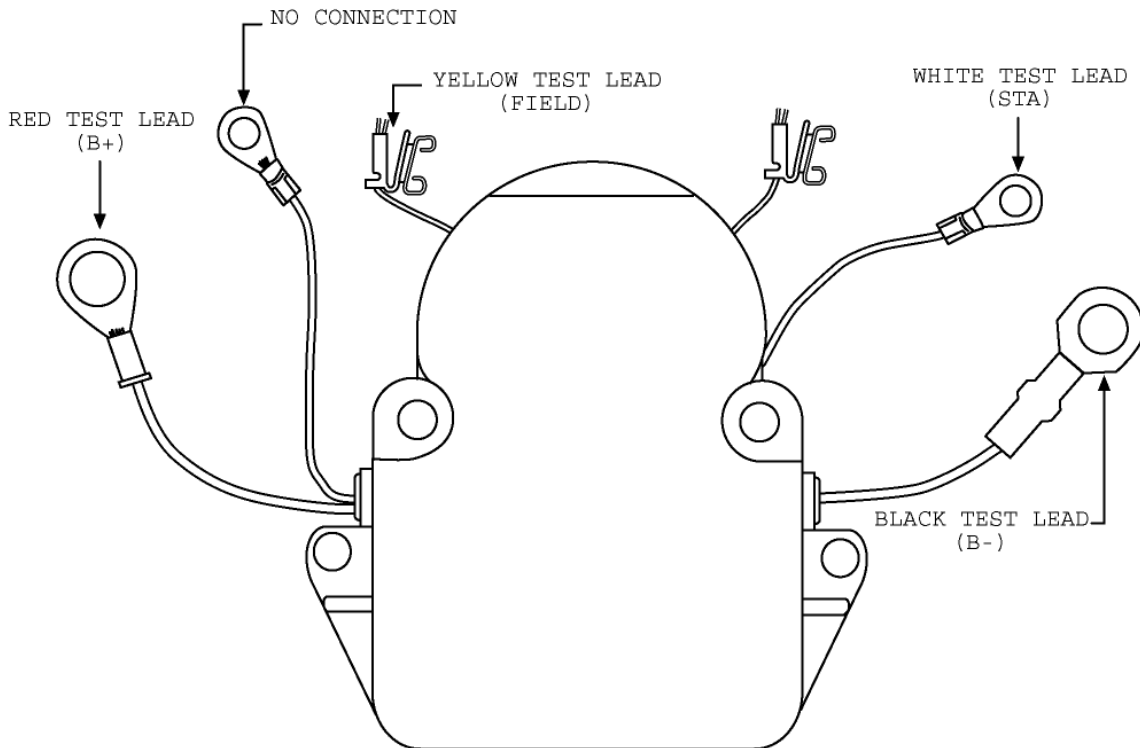
# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-249A</b>	<b>B</b>	<b>24</b>	<b>28.0</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

NOTE: Original Equipment Regulator no. 5-249 is an "A" circuit compared to Transpo's "B" circuit.

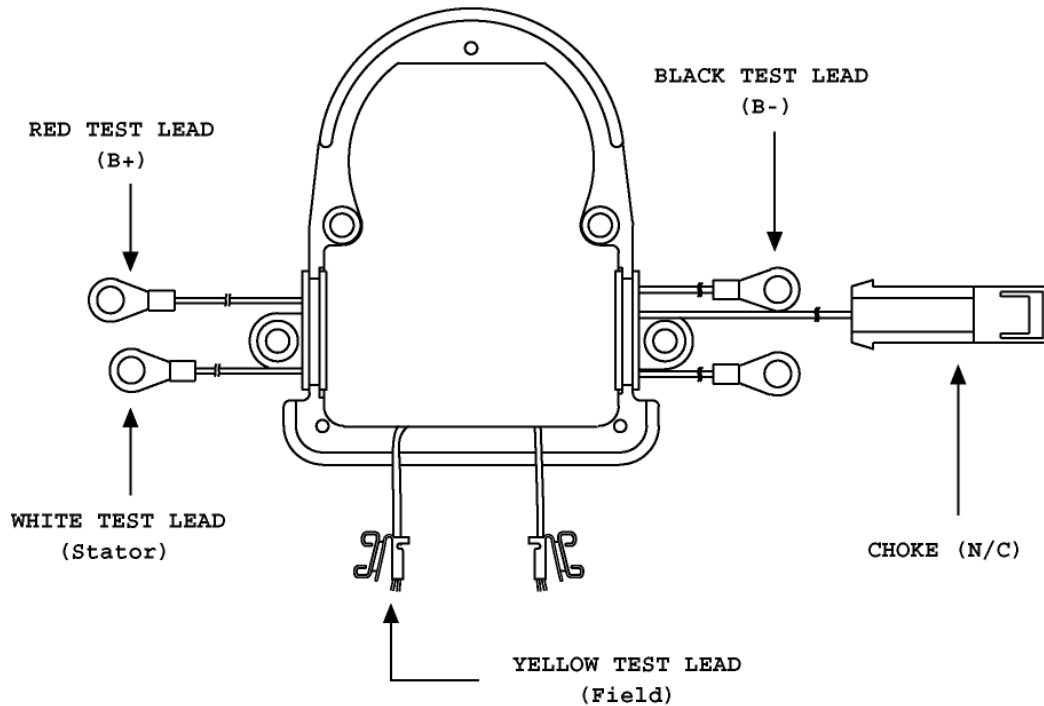


# TRANPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-050A	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.



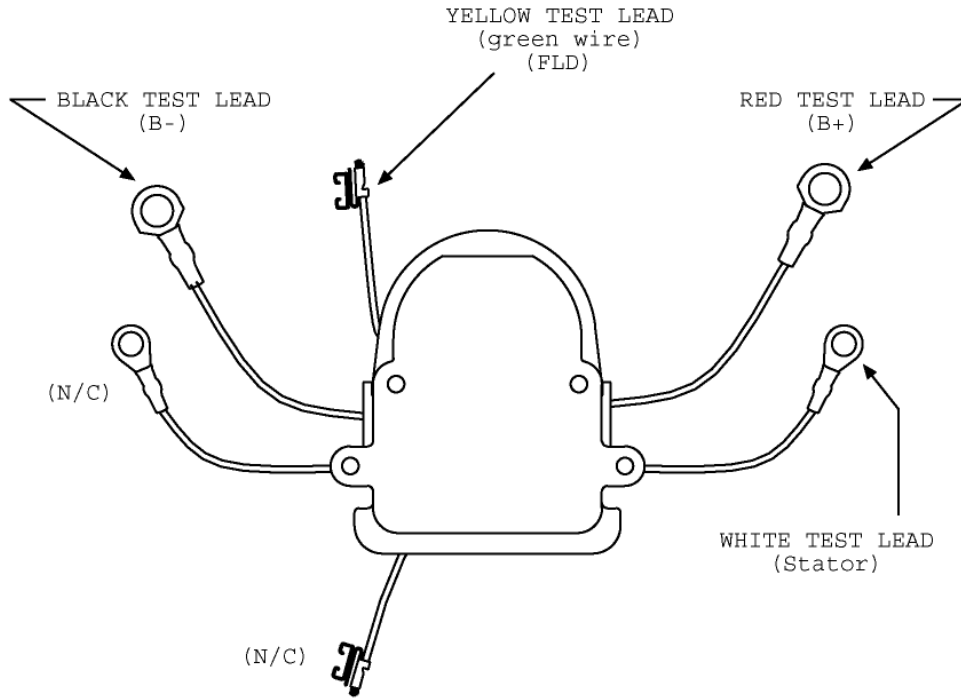


# TRANSCO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-280A	A	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from yellow wire of the regulator marked as "Stator". Field lamp should turn off and the meter will indicate low voltage.

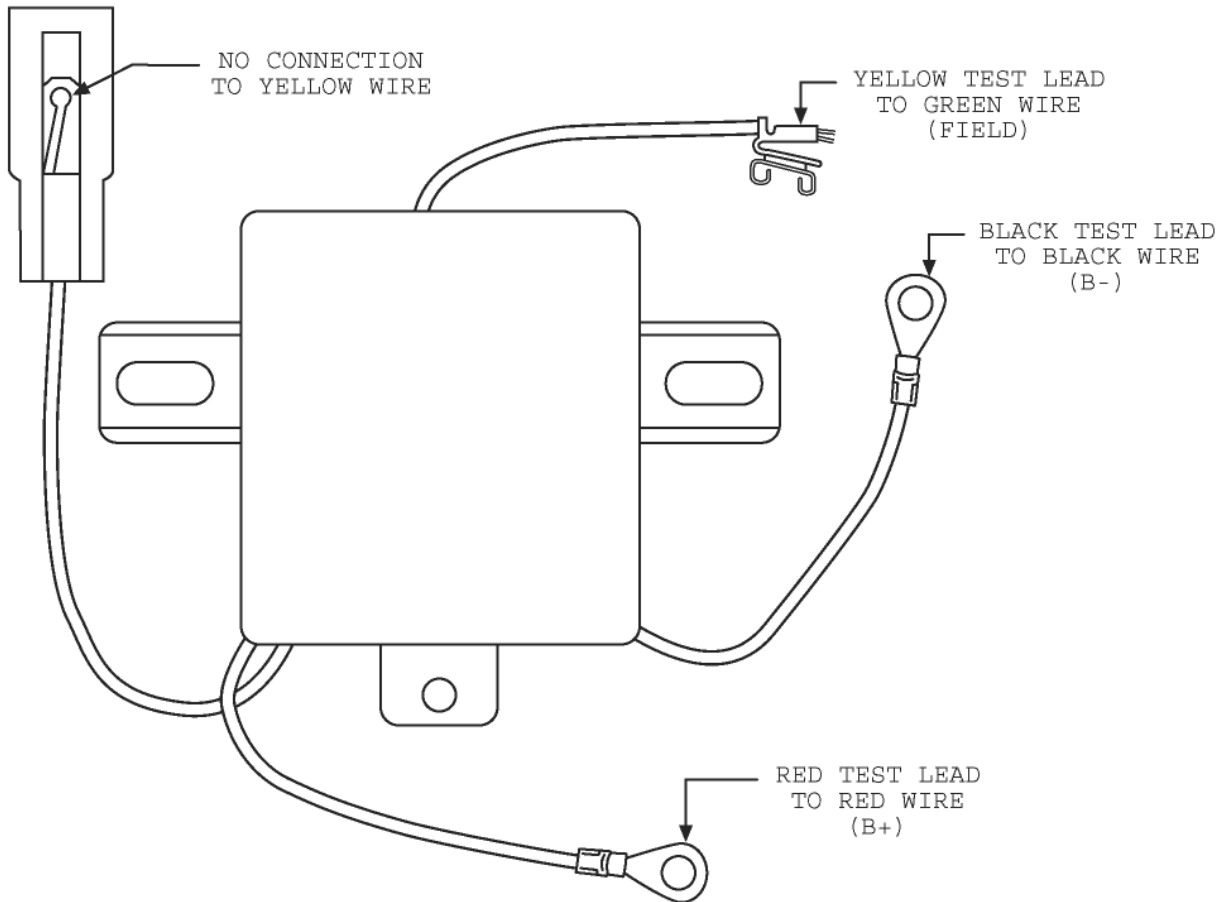


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-29A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>	<b>M5-152A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>M5-48A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>	<b>M5-182A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>
<b>M5-63A</b>	<b>B</b>	<b>24</b>	<b>29.2</b>	<b>M5-242</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>M5-151A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>	<b>M5-248A</b>	<b>B</b>	<b>24</b>	<b>28.4</b>

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



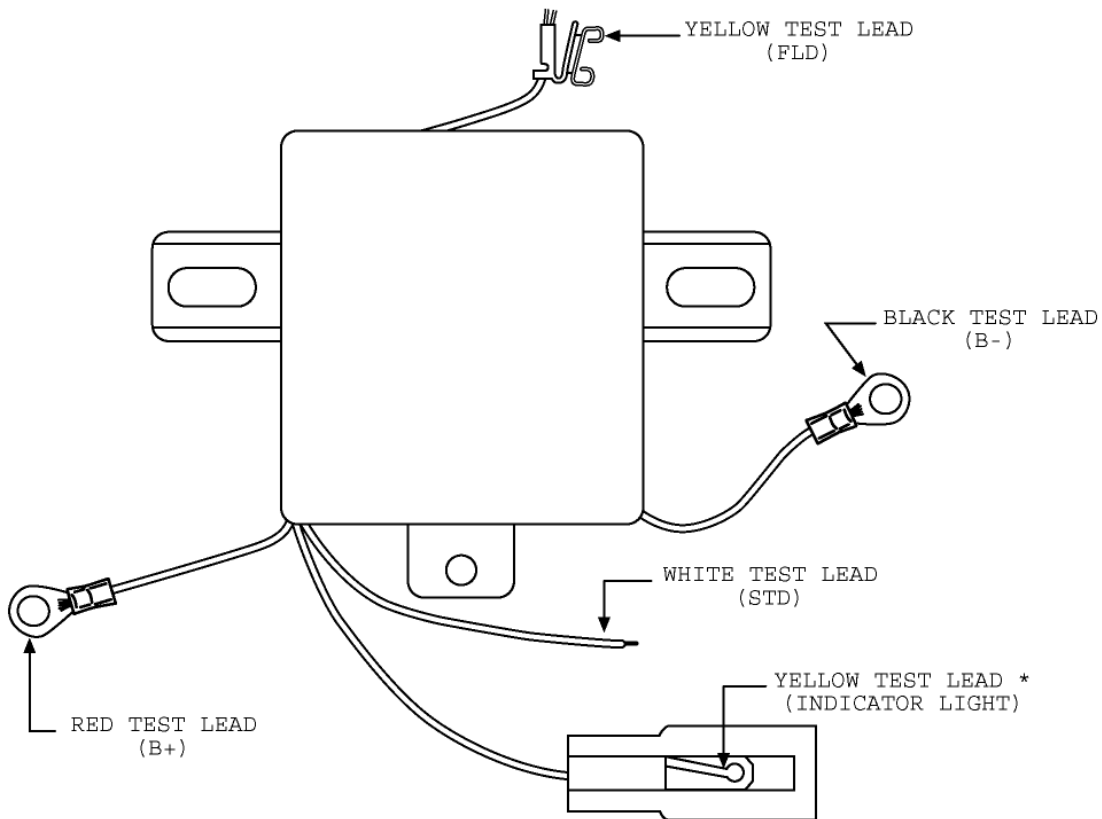
# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-151SA6</b>	<b>B</b>	<b>6</b>	<b>7.8</b>	<b>M5-151SA32</b>	<b>B</b>	<b>32</b>	<b>37.5</b>
<b>M5-151SA8</b>	<b>B</b>	<b>8</b>	<b>9.6</b>				
<b>M5-151SA12</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>M5-151SA24</b>	<b>B</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove the white test lead from the yellow wire of the regulator marked "stator". Field lamp should turn off and the meter will indicate low voltage. On models with indicator light connection, removal of stator lead form regulator should cause the light to turn on and meter indicates low voltage.

NOTE \* Not used fro 24v and 32v

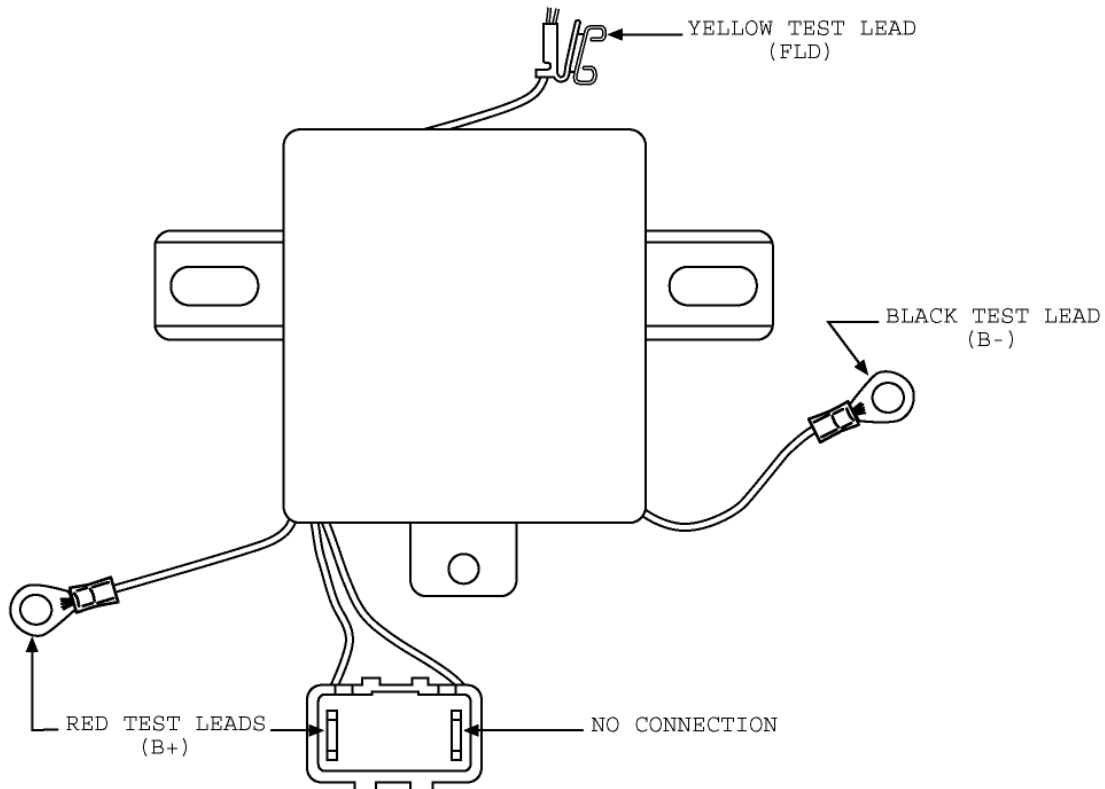


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-26A	B	12	15.2	M5-153A	B	12	15.0
M5-27A	B	24	29.2	M5-183A	B	24	29.2
M5-92A	B	12	15.2				
M5-93A	B	24	29.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



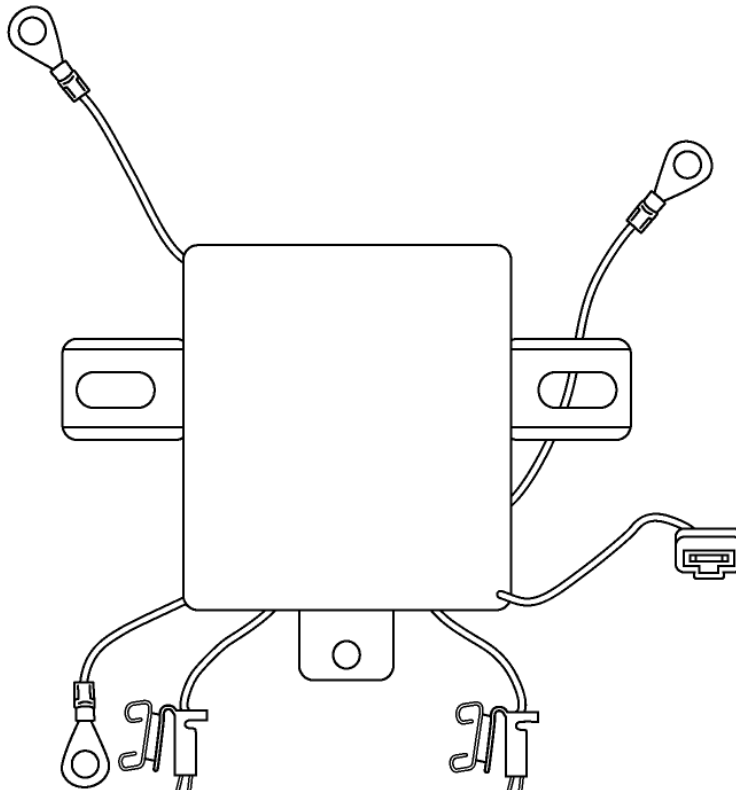
# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-104A</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>M5-121A</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>M5-125</b>	<b>A</b>	<b>24</b>	<b>28.2</b>				
<b>M5-179A</b>	<b>A</b>	<b>24</b>	<b>28.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

**NOTE:**  
The above are "SCR" type regulators. They cannot be tested on Transpo's regulator tester due to a requirement of an adapter. To test them simply install them in the appropriate alternator and check for regulation.

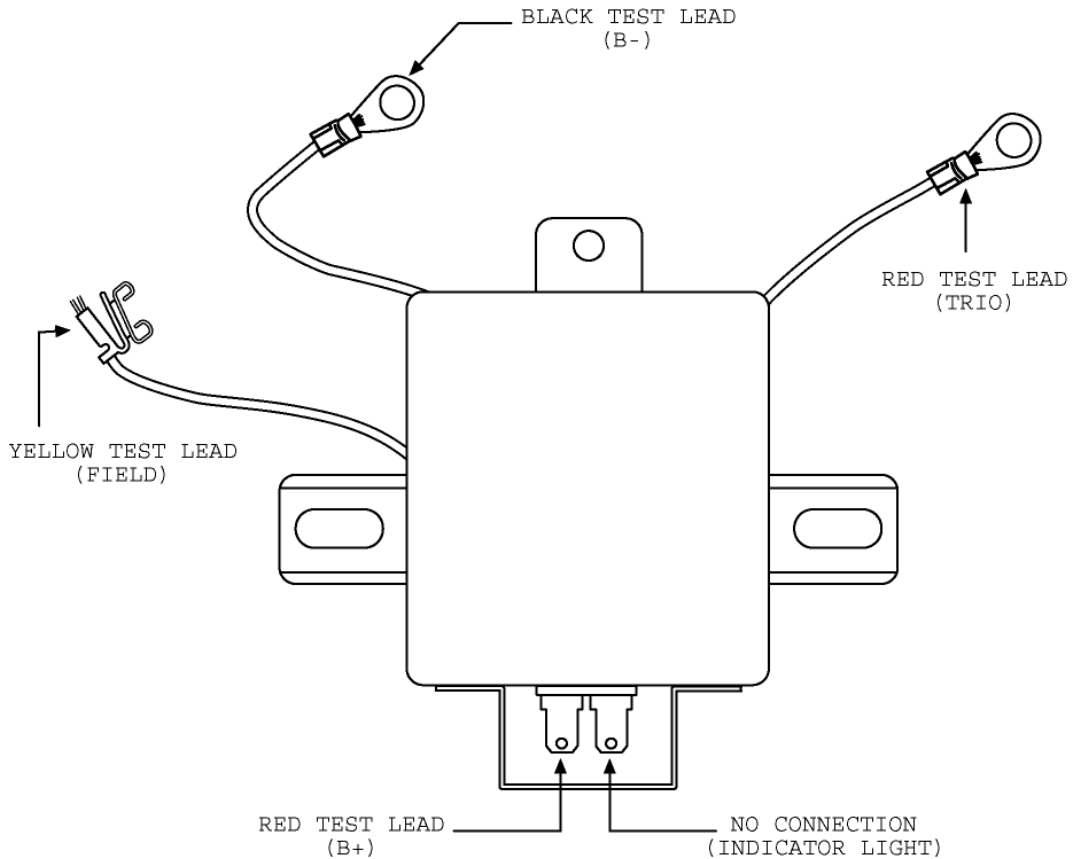


# TRANSCO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-164A	B	24	28.4				
M5-167A	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

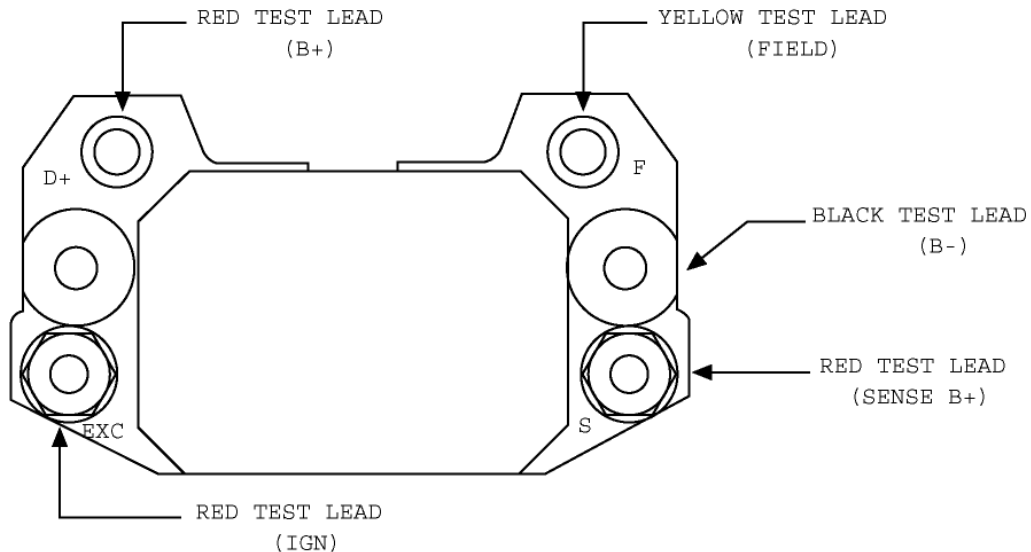


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-265</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>M5-266</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>M5-269</b>	<b>A</b>	<b>24</b>	<b>28.4</b>				
<b>M5-270</b>	<b>A</b>	<b>24</b>	<b>28.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

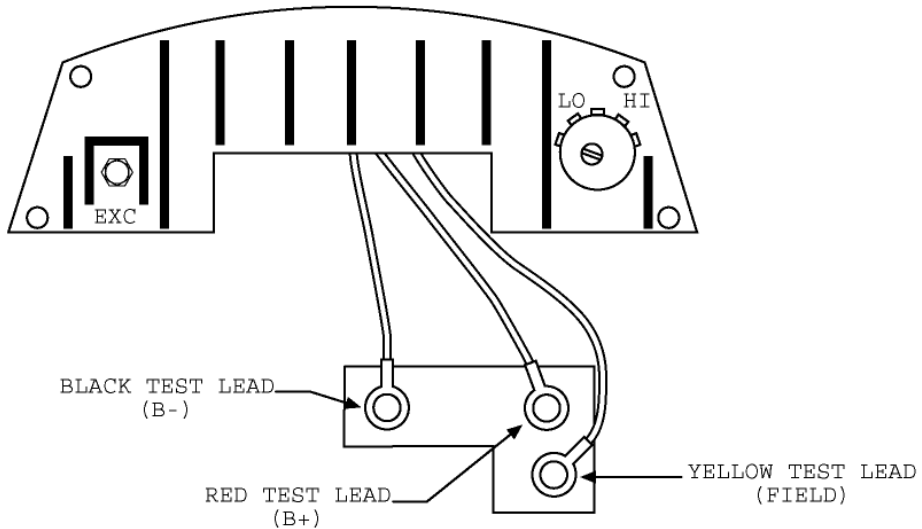


# TRANSPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-123A	A	24	28.0				
M5-128A	B	32	38.4				
M5-234A	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



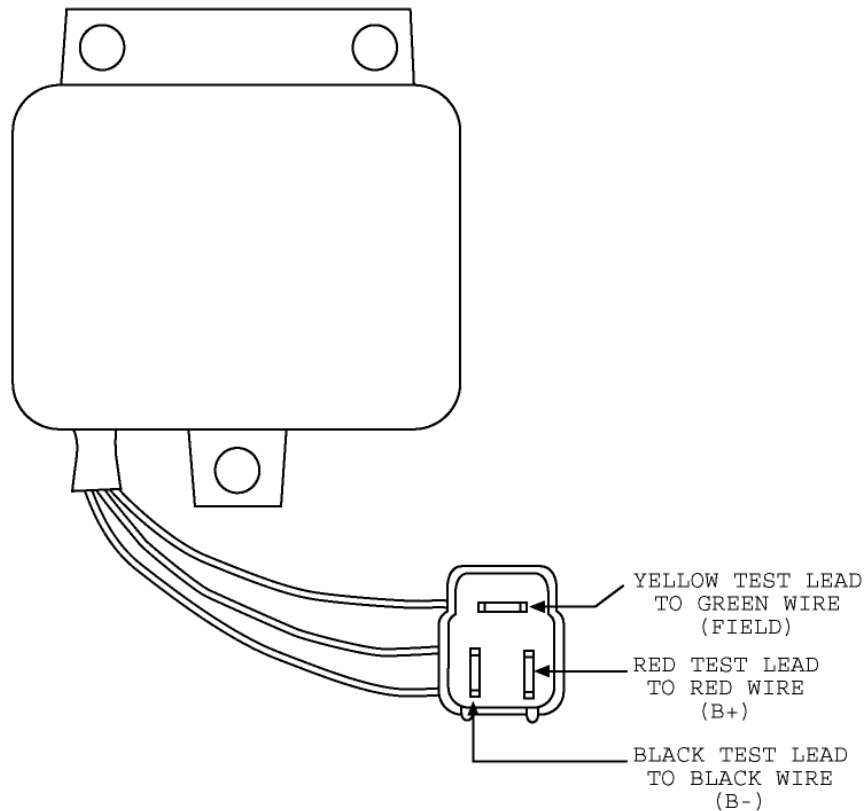


# TRANSPO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-158A	B	24	29.2				
M5-162B	B	24	28.4				
M5-166A	B	24	28.4				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**



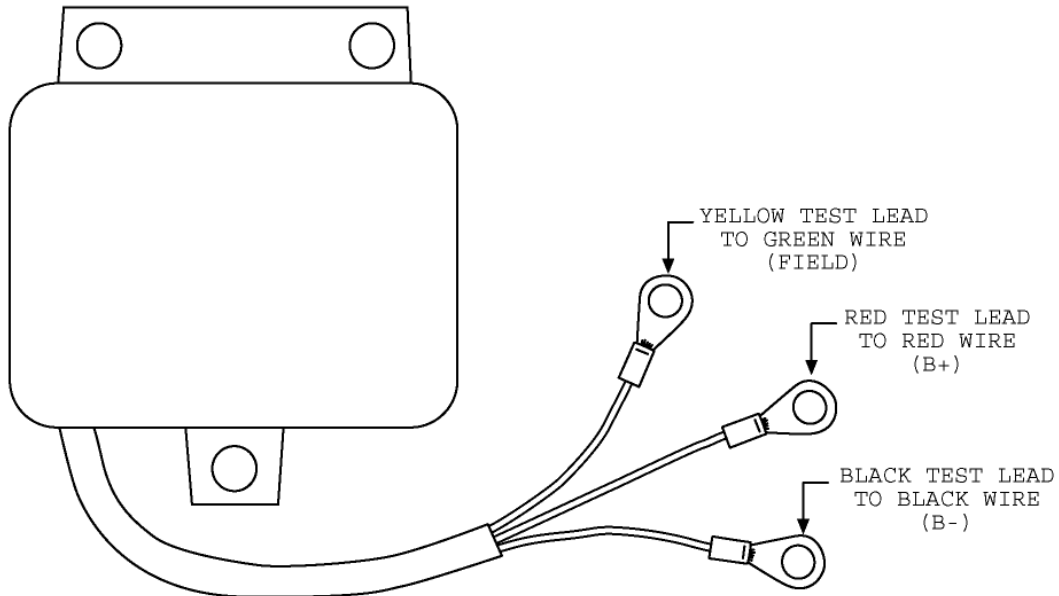
# TRANPO TESTER INSTRUCTIONS

for       MOTOROLA       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-160A</b>	<b>B</b>	<b>24</b>	<b>29.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

<u>REGULATOR CONNECTION</u>	<u>TEST LEAD</u>	<u>FUNCTION</u>
BLACK	BLACK	BATTERY NEGATIVE
RED	RED	TRIO, IGNITION, AUX
GREEN	YELLOW	FIELD
YELLOW	NO CONNECTION	

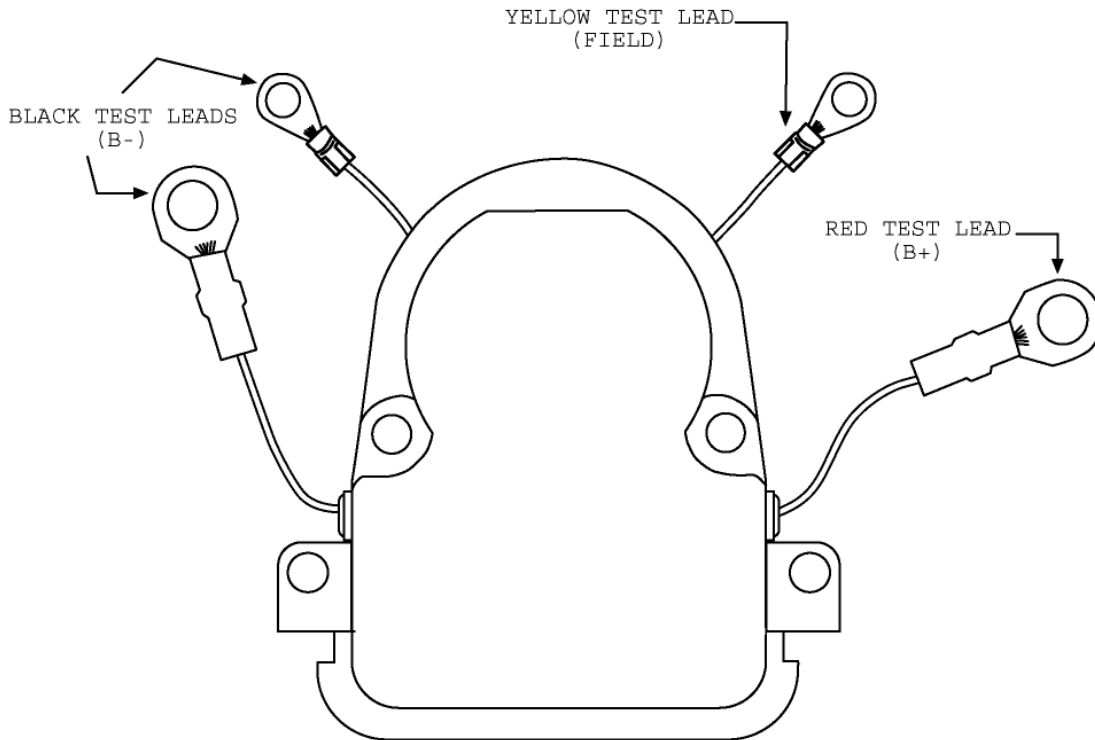


# TRANSCO TESTER INSTRUCTIONS

for     MOTOROLA     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-165A	B	12	14.4				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

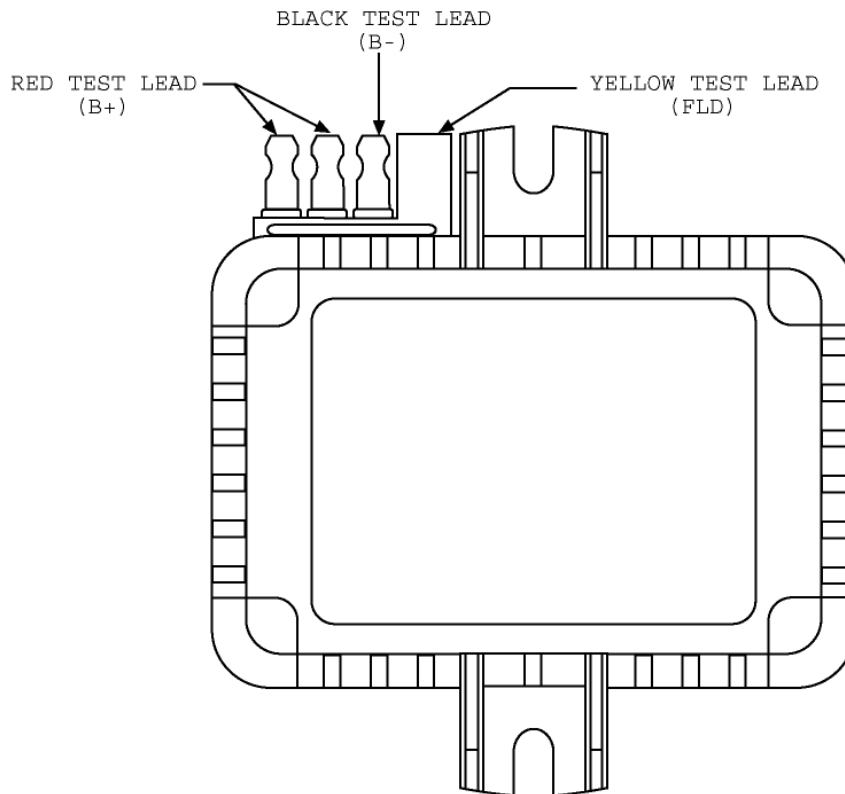


# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
NA2-101	A	24	27.5				
NA2-102	A	12	14.2				
NA2-103	A	32	37.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

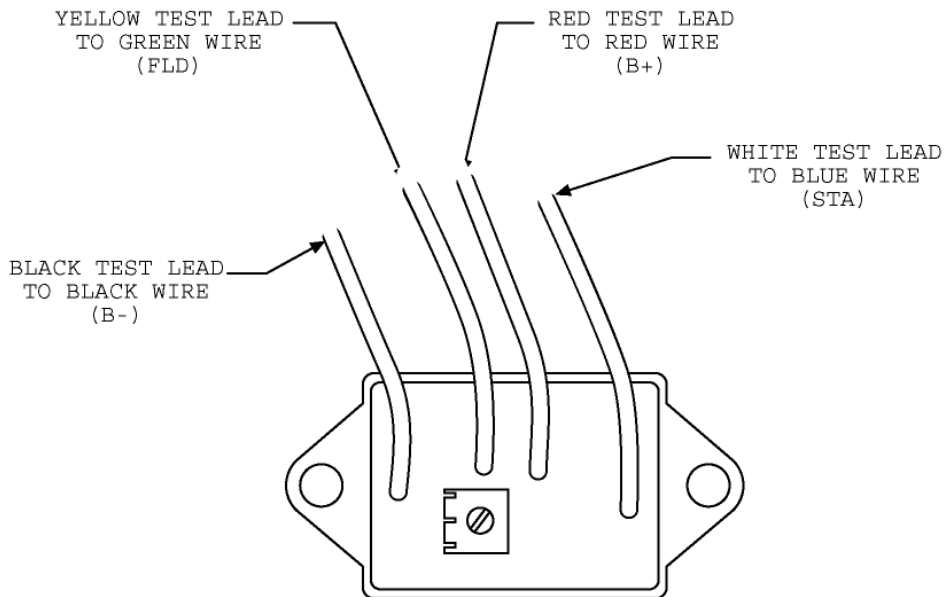


# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>N9013</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				
<b>N9015</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove white test lead from blue wire of the regulator. Field lamp should turn off and the meter will indicate low voltage.

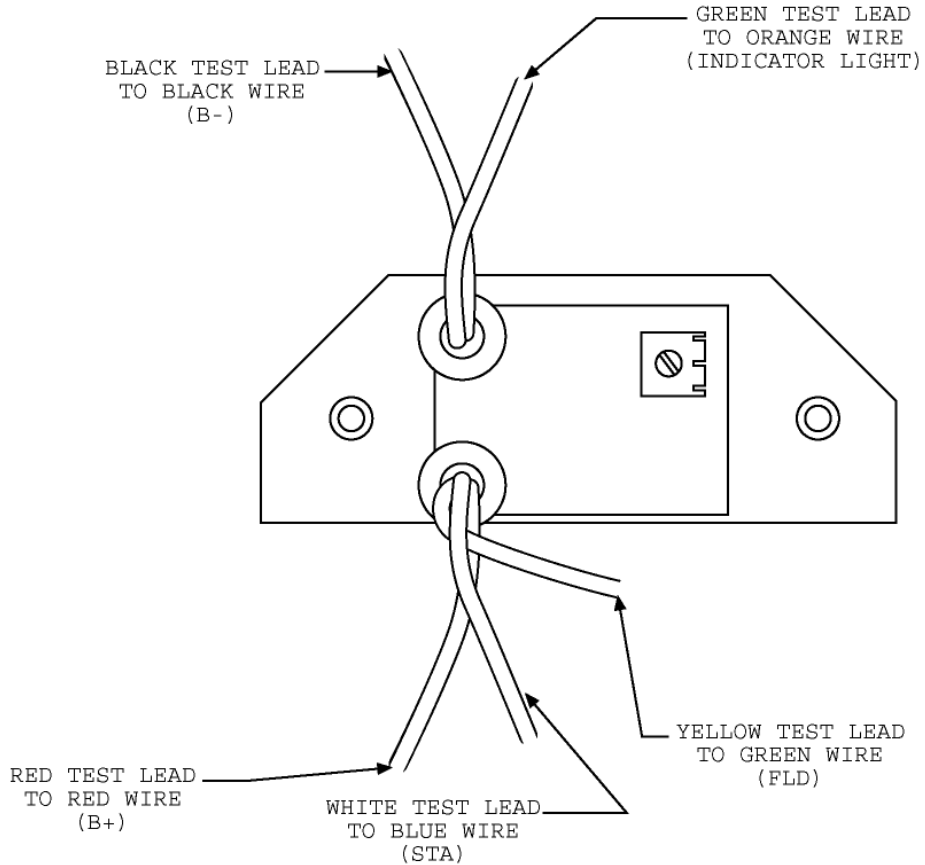


# TRANSCO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>N9014</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from blue wire of the regulator. Field lamp should turn off and the meter will indicate low voltage and indicator light will turn on.

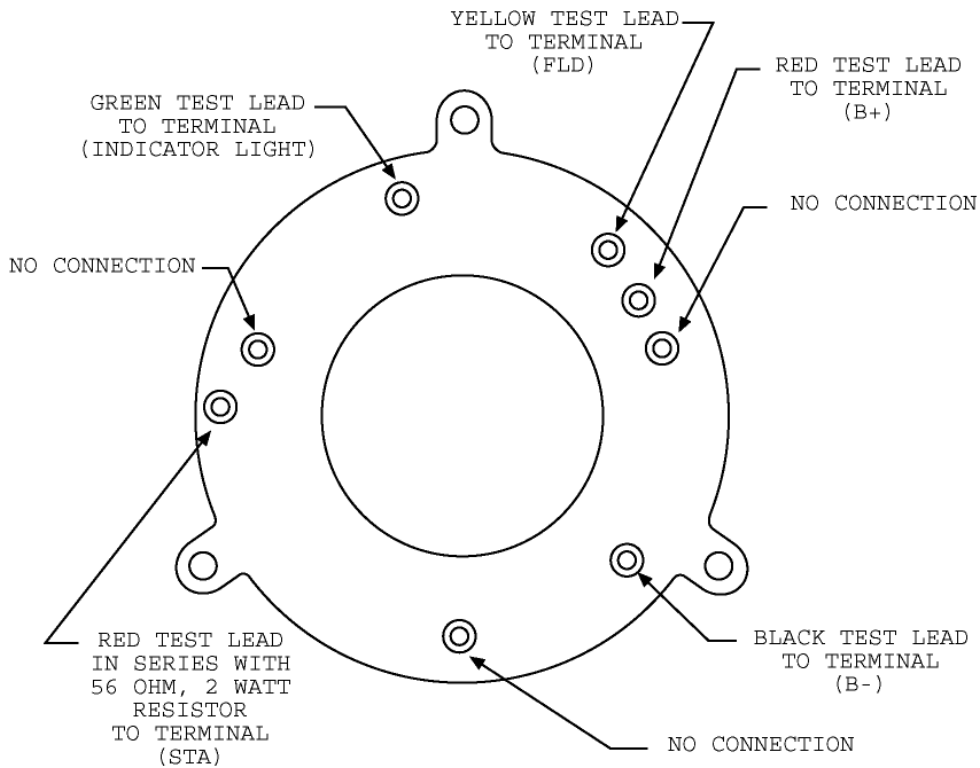


# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>A2-405</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>A2-115</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

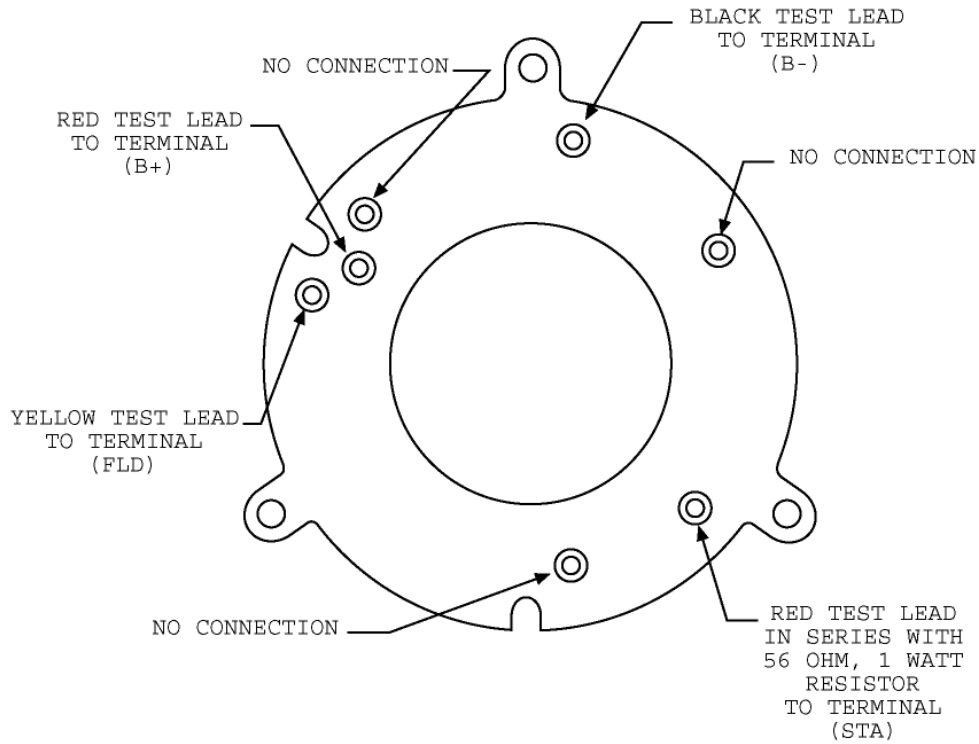


# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
A2-404	A	12	14.5				
A2-420	A	12	14.5				
A2-421	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



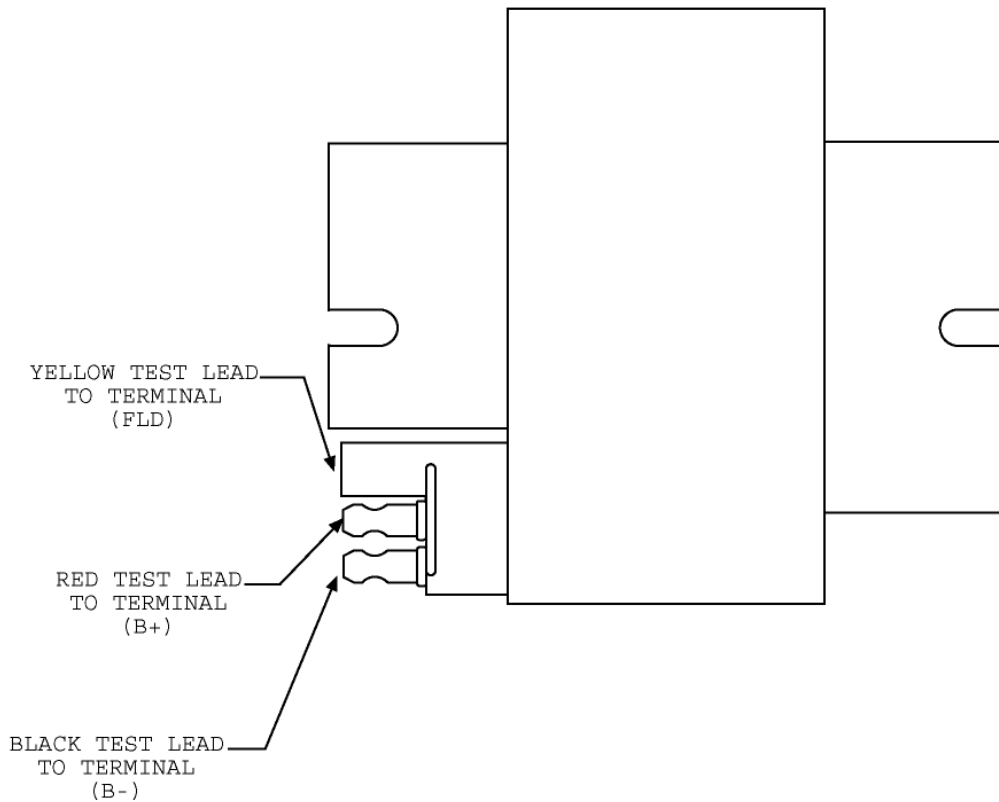


# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>A2-150</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>A2-157</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>A2-15803</b>	<b>A</b>	<b>32</b>	<b>37.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**

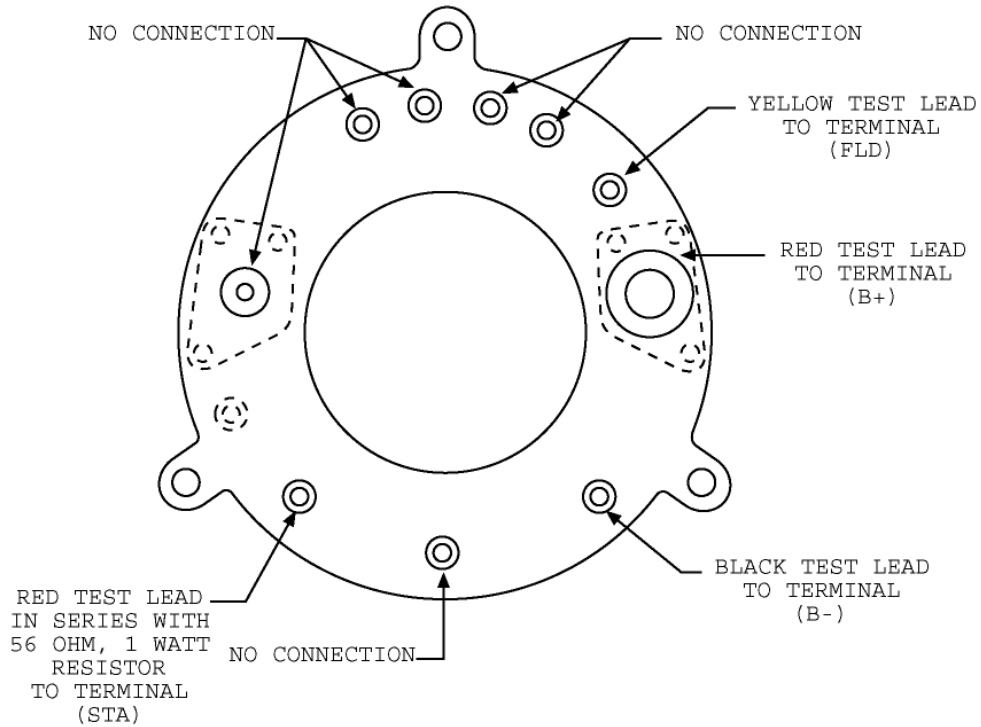


# TRANPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>A2-406</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

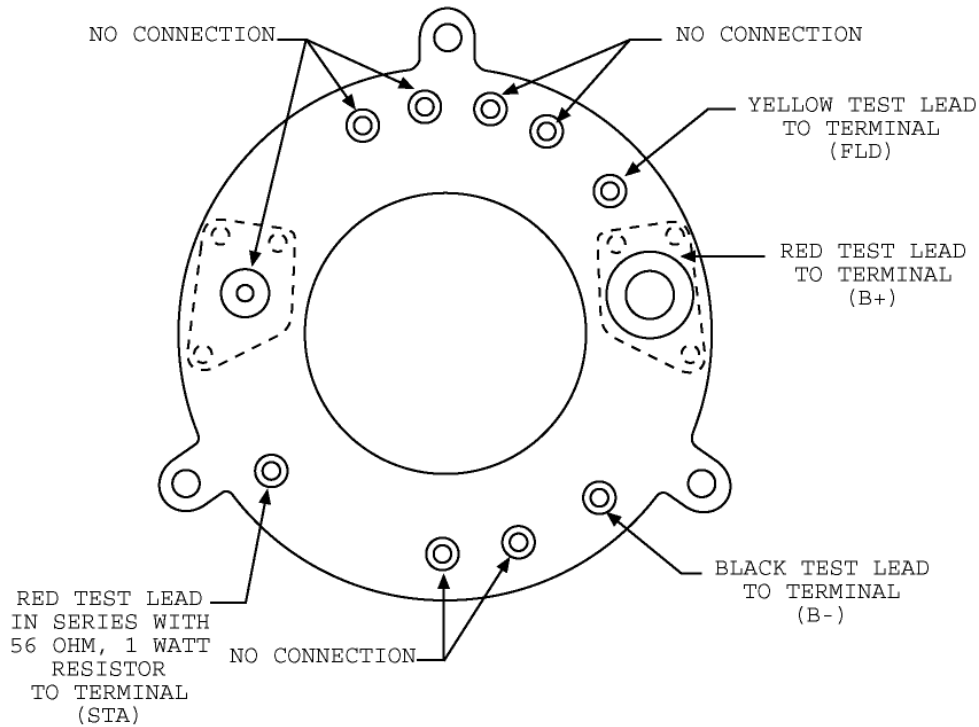


# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>A2-402</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



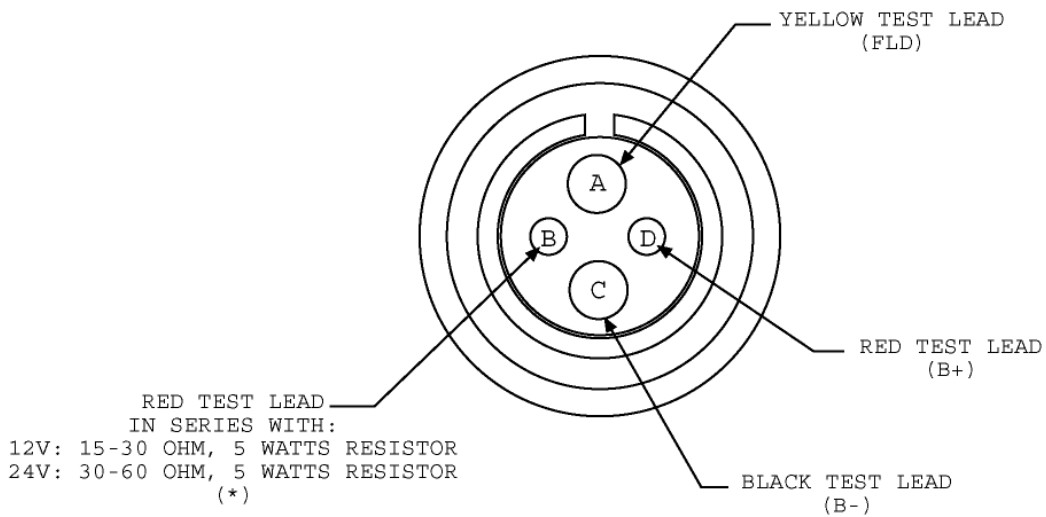
# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>A2-104</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>A2-107</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>A2-702</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>A2-704</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

\* NOTE: This resistor must be used for testing purposes, else regulator will be damaged.



# TRANSPO TESTER INSTRUCTIONS

for           NIEHOFF           type regulators

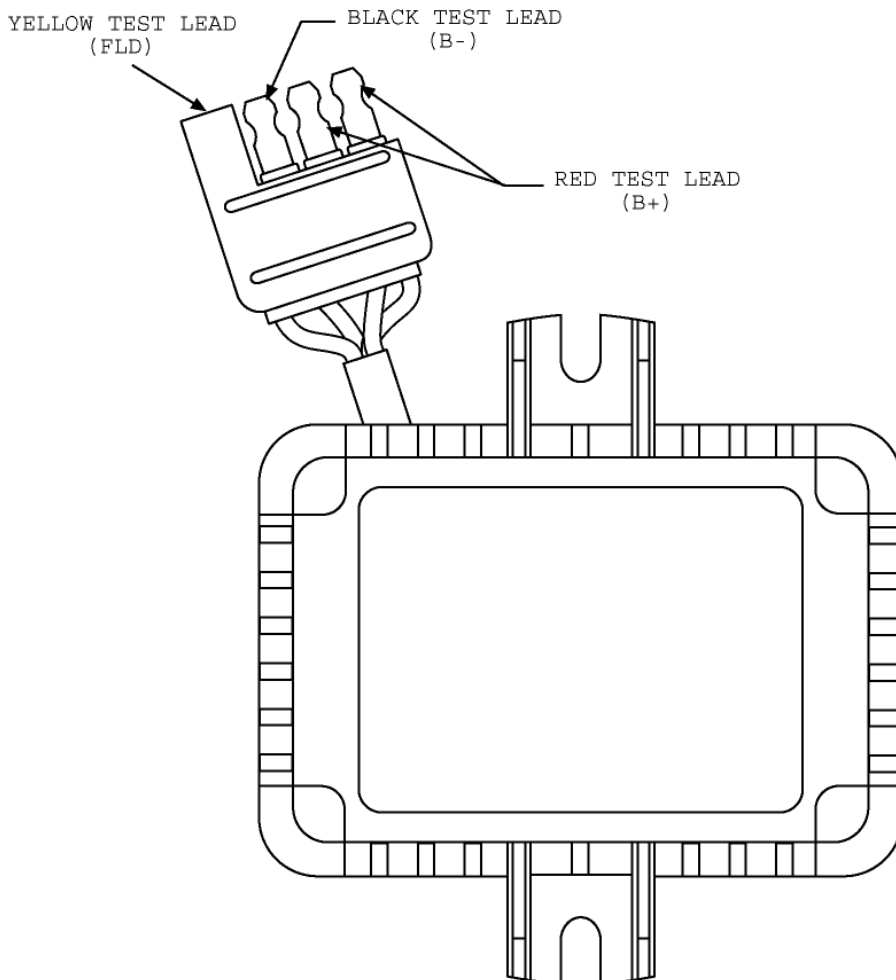
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
NA2-111	A	24	28.0				
NA2-110	A	12	14.0				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove red test lead from the terminal marked "IGNITION". Field lamp should turn off and the meter will indicate approximately 12V. For NA2-111. For NA2-110.

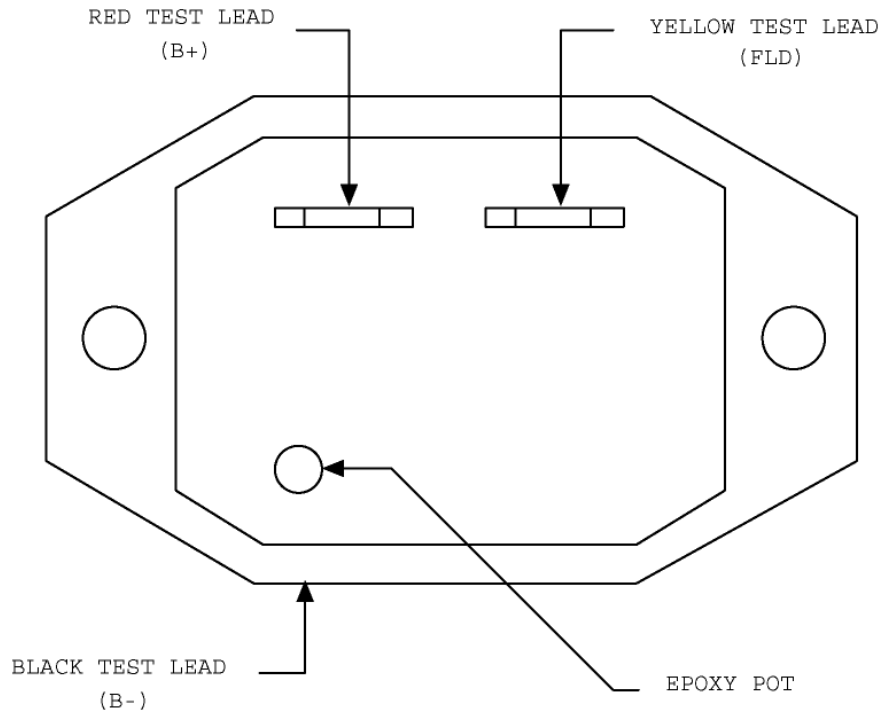


# TRANSPO TESTER INSTRUCTIONS

for       NIKKO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IZ226</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				
<b>IZ227</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

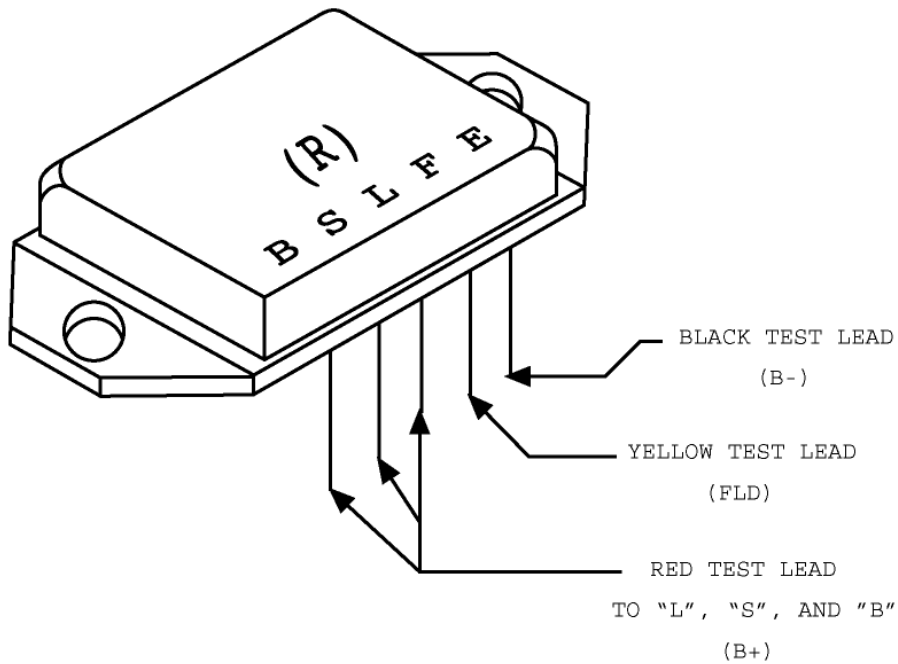


# TRANSPO TESTER INSTRUCTIONS

for       NIKKO       type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IZ228	A	24	28.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

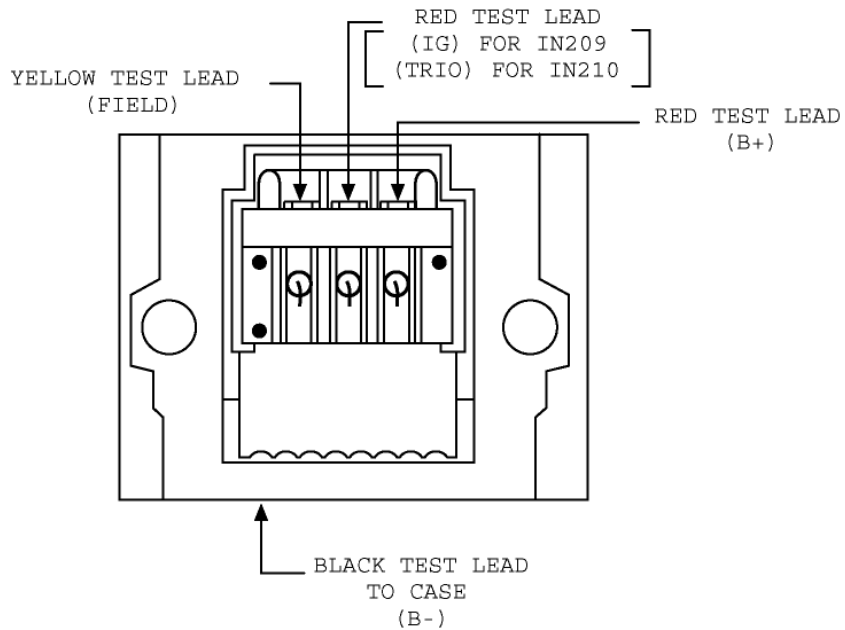


# TRANPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN209</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IN210</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



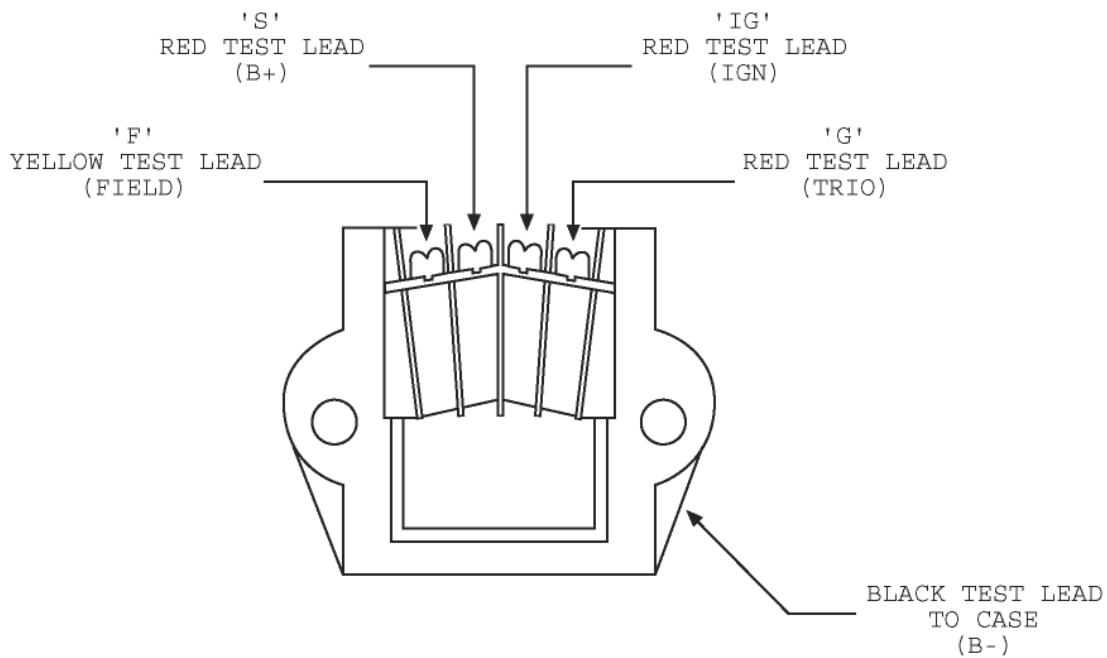


# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN234</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Field lamp will still blink, and the meter will indicate approximately 15.0V.



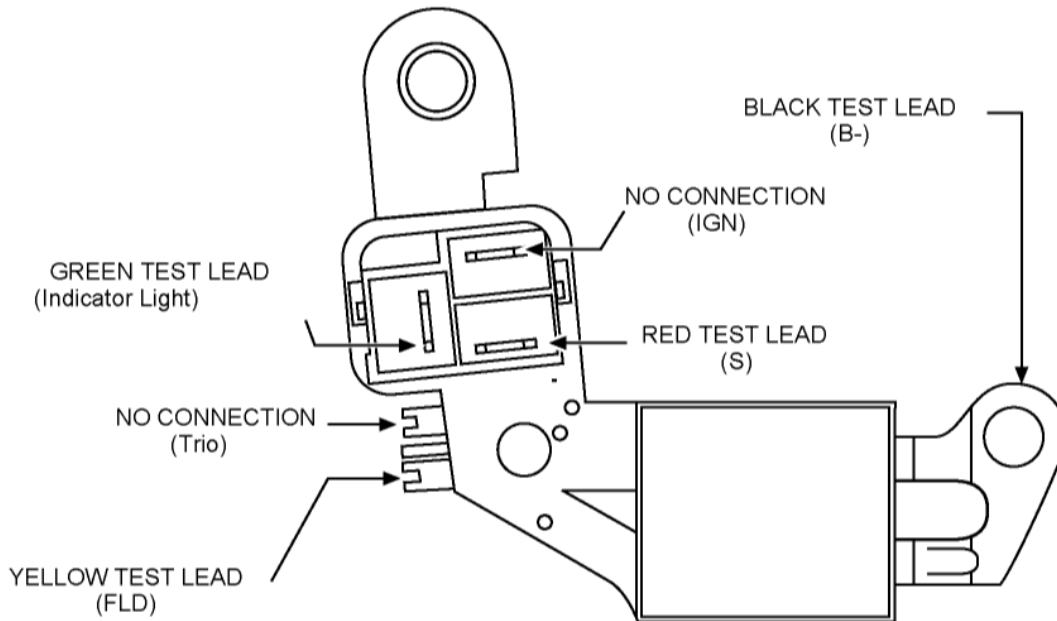
# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN229</b>	<b>A</b>	<b>12</b>	<b>14.1</b>				
<b>IN229HD</b>	<b>A</b>	<b>12</b>	<b>14.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

NOTE: When testing the Transpo IN229 or the Original Equipment voltage regulators, the short circuit light may flash and the meter will indicate the set point voltage.

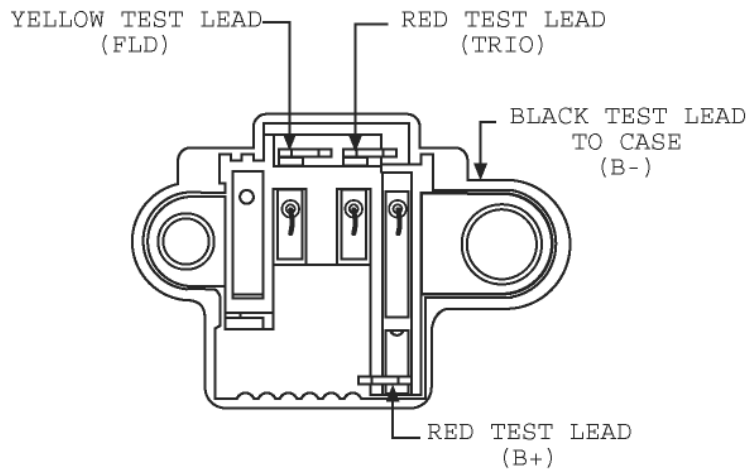


# TRANPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN218</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				
<b>IN217</b>	<b>A</b>	<b>24</b>	<b>27.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "BAT POS.". The meter should indicate approximately 17V on the IN218 regulator and 28V on the IN236 regulator.

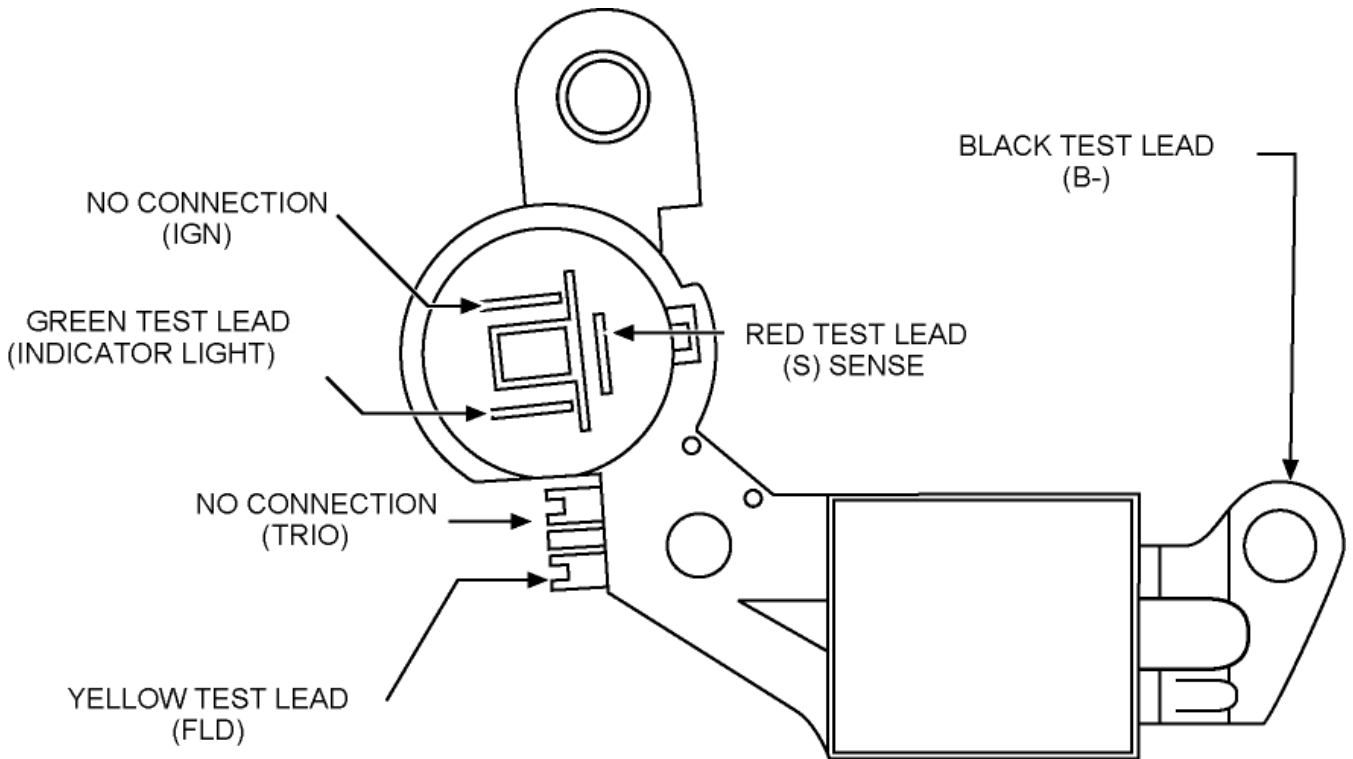


# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN235</b>	<b>A</b>	<b>12</b>	<b>14.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

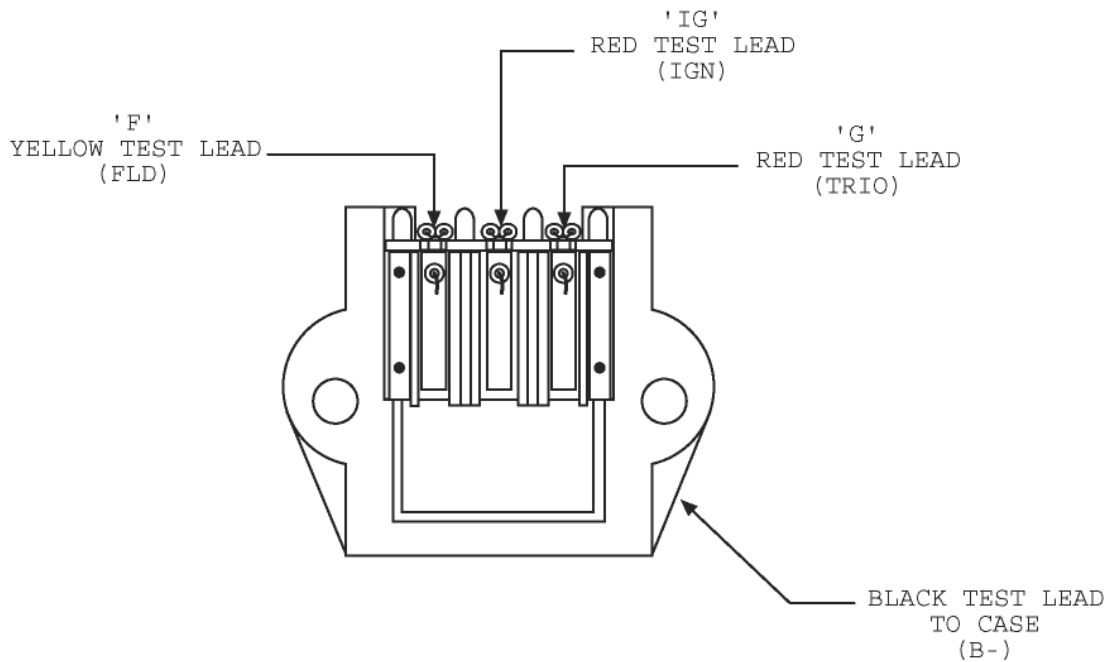


# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN231</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>IN232</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

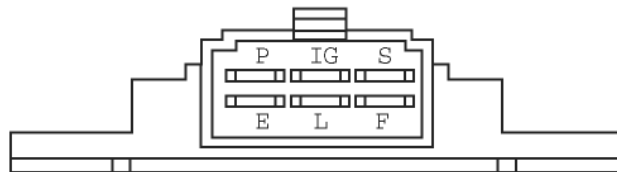


# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN223</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove test lead from terminal marked "P" Indicator light should turn on, field lamp will remain on, and the meter will indicate approximately 12.0V.



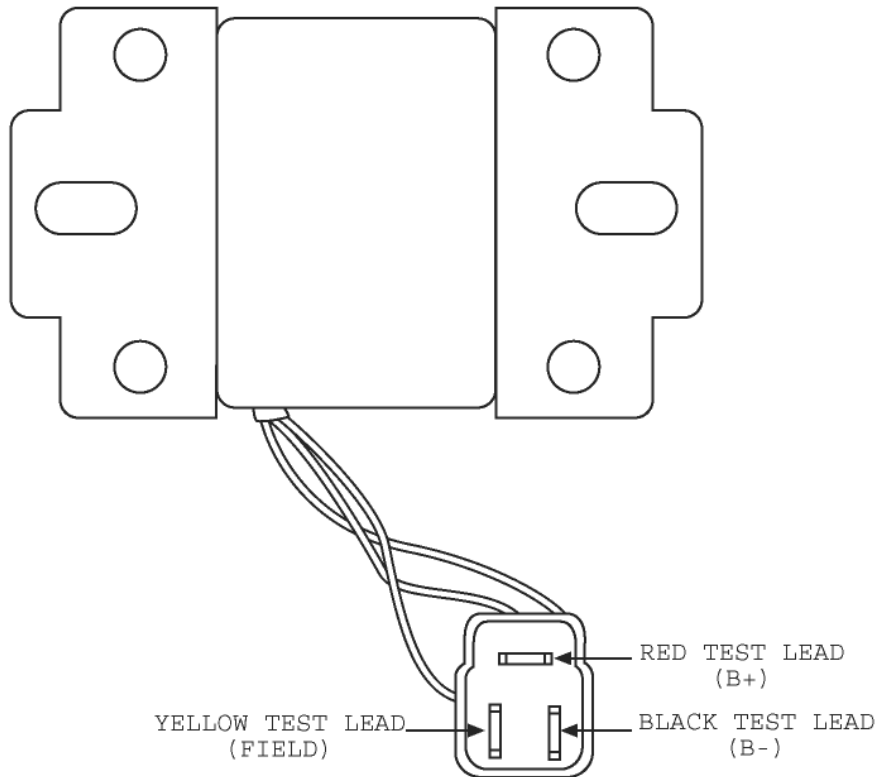
TERMINAL	DESCRIPTION	CONNECTION
P	STATOR	WHITE TEST LEAD (RED FOR O.E.)
IG	IGNITION	RED TEST LEAD
E	GROUND	BLACK TEST LEAD
L	LIGHT	GREEN TEST LEAD
F	FIELD	YELLOW TEST LEAD
S	BATTERY SENSE	RED TEST LEAD

# TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN550</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

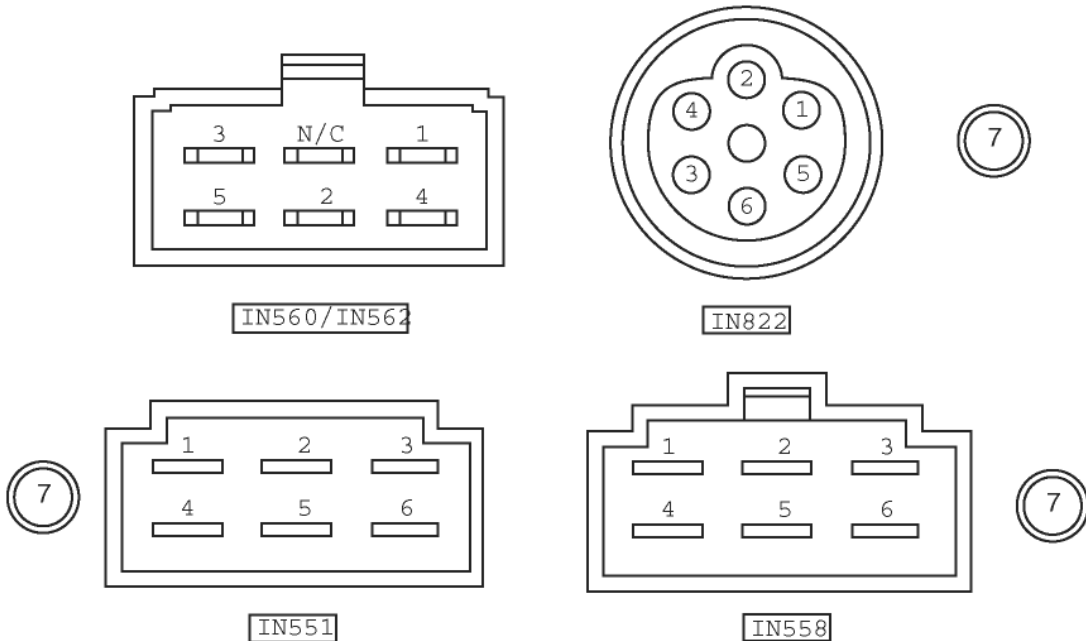


# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN551	B	12	14.3	IN822	B	12	14.3
IN558	B	12	14.3	IN579	B	12	14.3
IN560	B	12	14.3				
IN562	B	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove black test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate the set point voltage.



**NOTES:**

- 1 - RED TEST LEAD (IGN)
- 2 - BLACK TEST LEAD (STA)
- 3 - YELLOW TEST LEAD (FIELD)
- 4 - BLACK TEST LEAD (B-)
- 5 - GREEN TEST LEAD (I.L.)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION (NOT USED ON IN579)

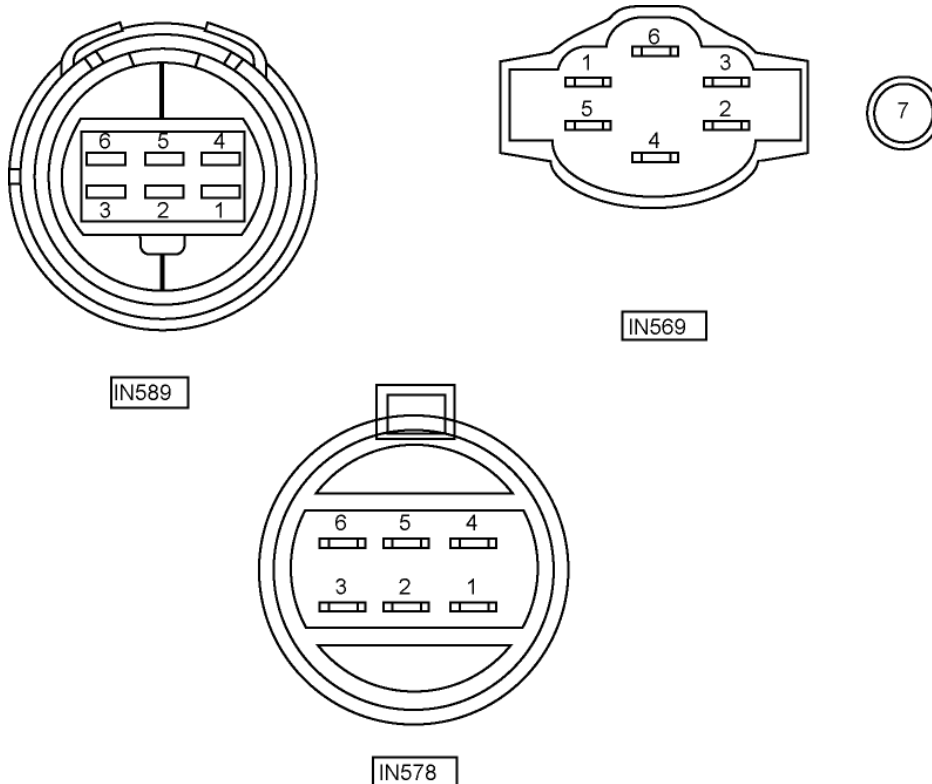


# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN569</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				
<b>IN578</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				
<b>IN589</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove black test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate the set point voltage.



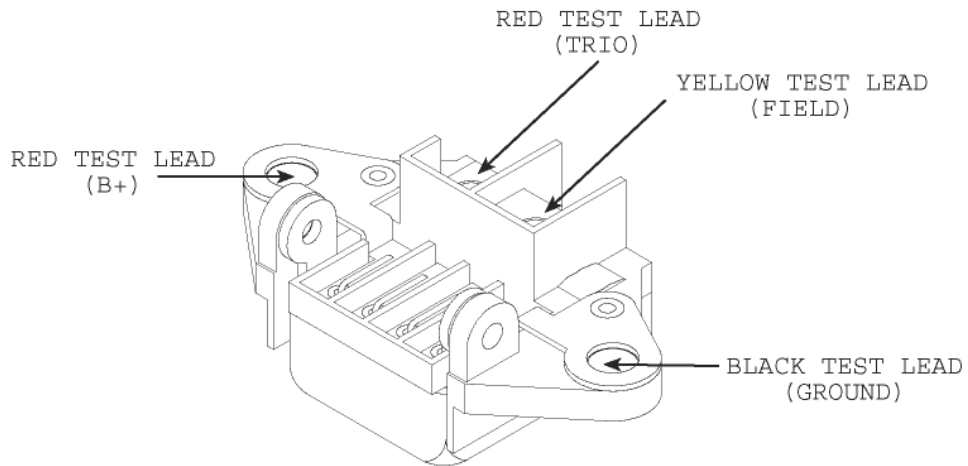
- NOTES:**
- 1- RED TEST LEAD (IGN)
  - 2- BLACK TEST LEAD (STA)
  - 3- YELLOW TEST LEAD (FIELD)
  - 4- BLACK TEST LEAD (B-)
  - 5- GREEN TEST LEAD (I.L.)
  - 6- RED TEST LEAD (B+)
  - 7- NO CONNECTION

# TRANPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN233</b>	<b>A</b>	<b>24</b>	<b>28</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



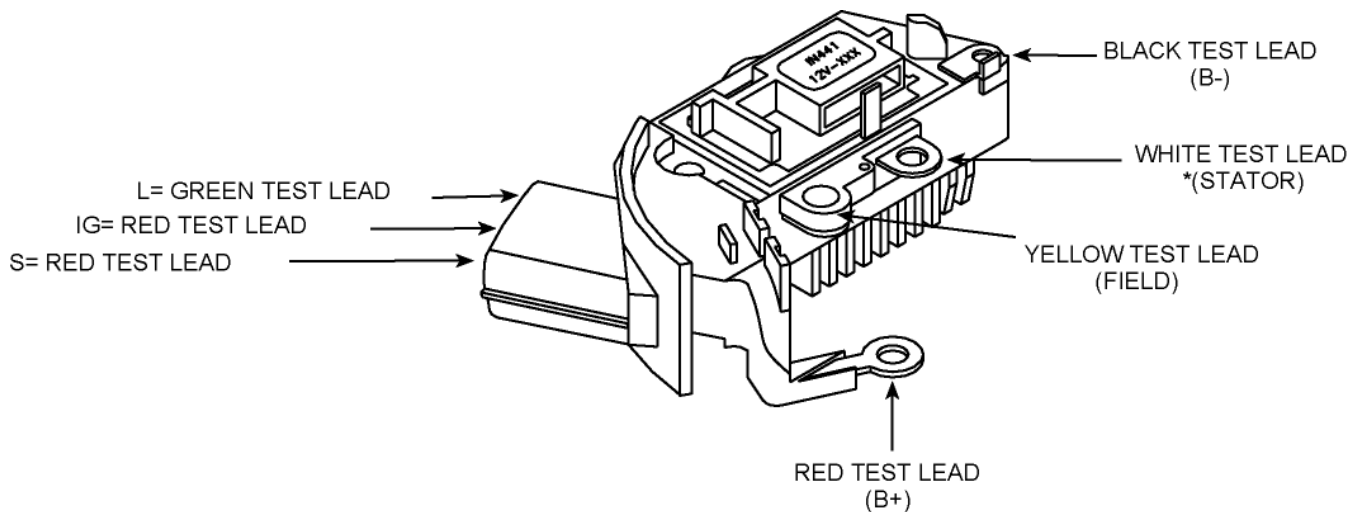
# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN441</b>	<b>A</b>	<b>14</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from terminal marked \*. Indicator light will turn on and meter will indicate 12V. Field circuit light stays on. Remove red test lead from terminal marked "IG"; field lamp should turn on.

NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

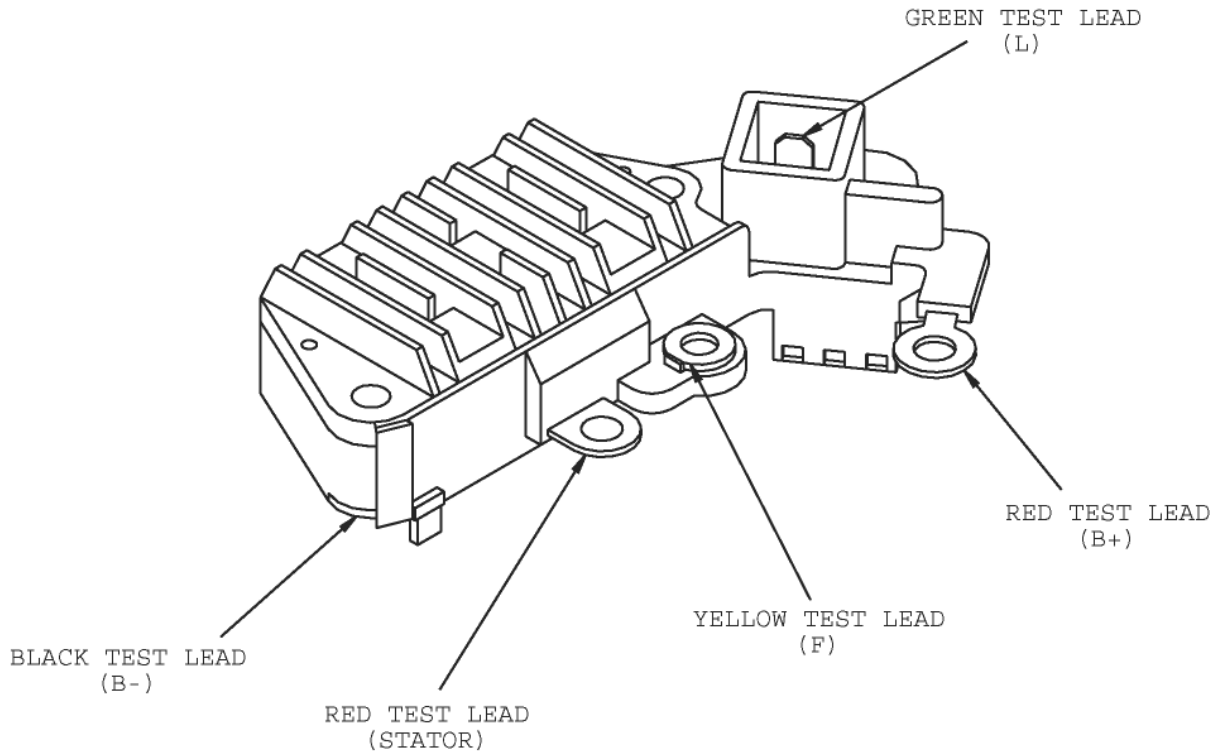


# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN442</b>	<b>A</b>	<b>12</b>	<b>14.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked stator. Indicator light will come on.

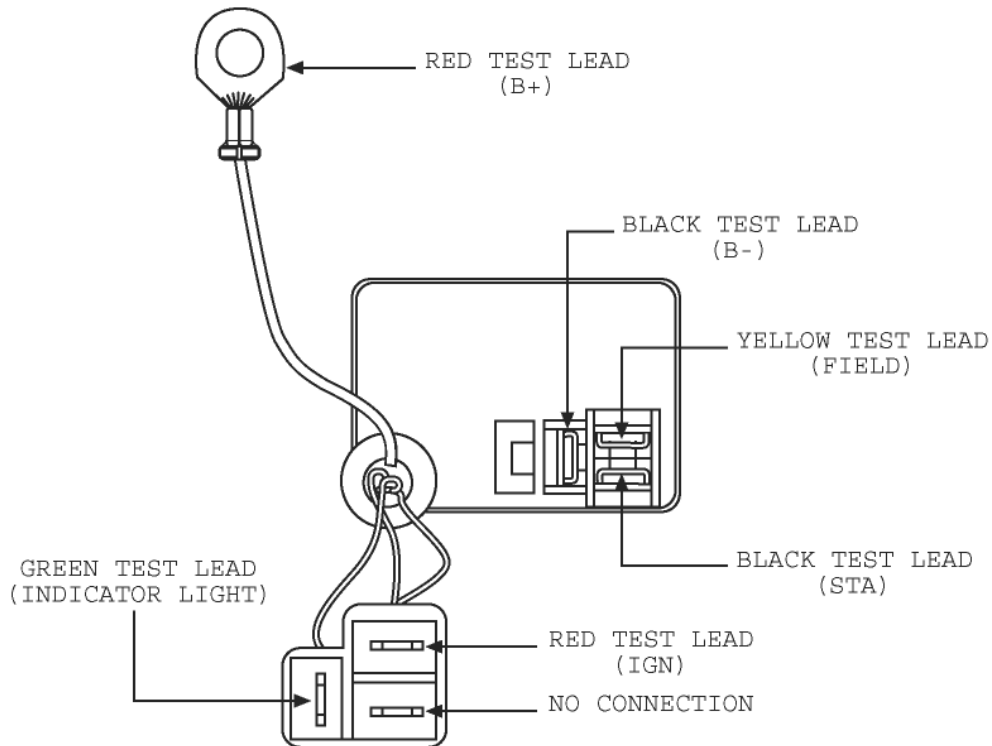


# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN600</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove black test lead from terminal marked "STA". Indicator light should turn on and the meter will indicate set point voltage.

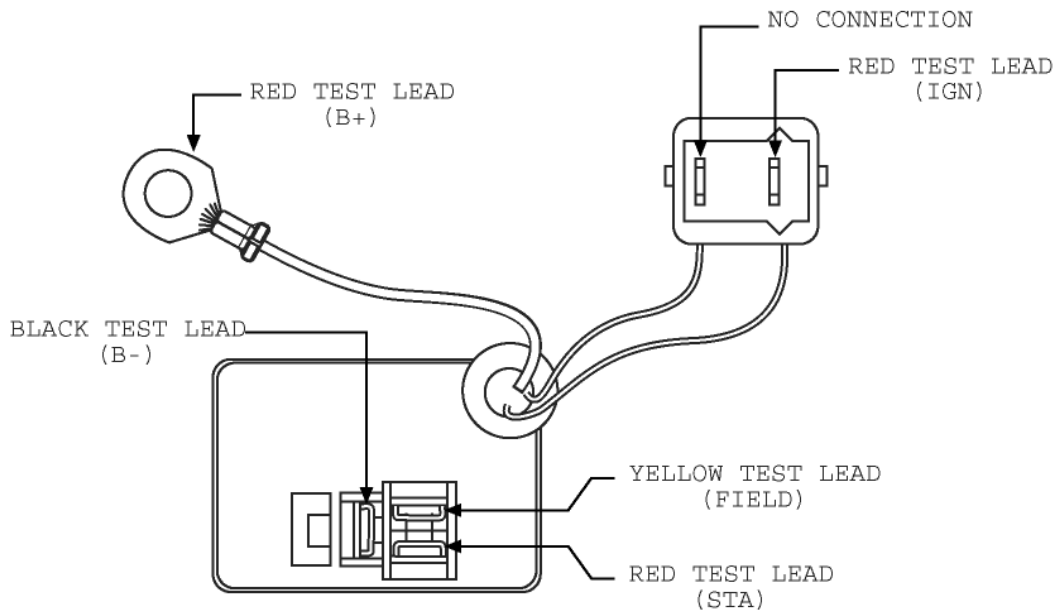


# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN601</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

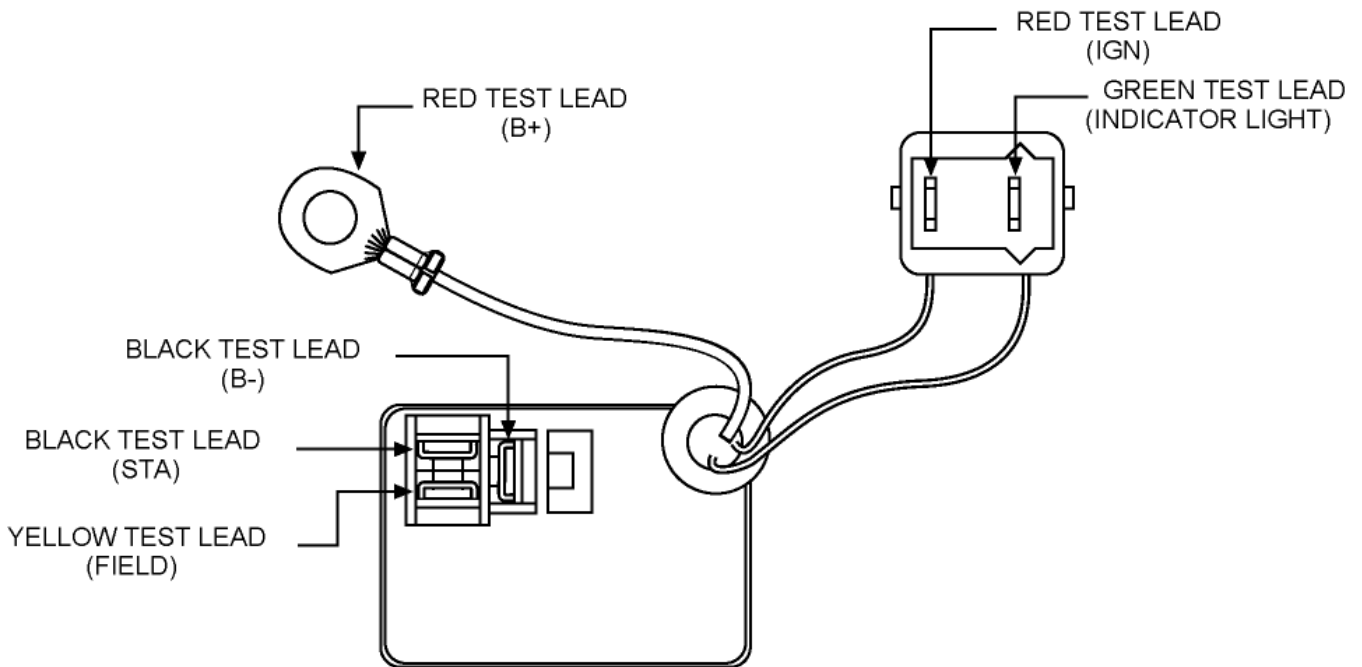
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN602</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove black test lead from terminal marked "STA". Indicator light turn on and the meter will indicate the set point voltage.



# TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN219	A	12	14.5	IN225	A	12	14.5
IN221	A	12	14.5	IN227	A	12	14.5
IN222	A	12	14.5	IN251	A	12	14.5
IN224	A	12	14.5	IN252	A	12	14.5

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** See Below:

- 3.1 Remove test lead from terminal marked "STATOR".**
  - On the Original Equipment "C" and "D" model regulators, voltage should rise above 16 volts and the indicator light will turn on.
  - On Transpo "D" model regulators, Indicator light should turn on and the meter will still indicate set point voltage.
  - On "C" model regulators no change will occur
- 3.2 On IN222, IN224, IN252 and IN431 (C model) regulators.**

Remove red test lead from the terminal marked "C". Field lamp should still blink and the meter will indicate set point voltage. Connect black test lead to terminal marked "C". Field lamp should still blink and the meter will indicate 12.3V.
- 3.3 On all above parts except Transpo "C" models.**

Remove red test lead from terminal marked "IG". Field lamp should turn off and the meter will indicate low voltage.

#### **NOTE ON STATOR CONNECTION:**

Transpo "D" model regulators (Black test lead)  
- IN219, IN221, IN225, IN251, IN253, IN429  
Transpo "C" model regulators (White test lead)  
- IN222, IN224, IN252, IN431  
O.E.M. (Red test lead)

**REFER TO PAGE IN-19 FOR REGULATOR'S DIAGRAM**



# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN253	A	12	14.5	IN431	A	12	14.5
IN254	A	12	14.5	IN435	A	12	14.5
IN255	A	12	14.5				
IN429	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

- 3.1 **Remove test lead from terminal marked "STATOR".**
  - On the Original Equipment "C" and "D" model regulators, voltage should rise above 16 volts and the indicator light will turn on.
  - On Transpo "D" model regulators, Indicator light should turn on and the meter will still indicate set point voltage.
  - On "C" model regulators no change will occur
- 3.2 **On IN222, IN224, IN252 and IN431 (C model) regulators.**  
 Remove red test lead from the terminal marked "C". Field lamp should still blink and the meter will indicate set point voltage. Connect black test lead to terminal marked "C". Field lamp should still blink and the meter will indicate 12.3V.
- 3.3 **On all above parts except Transpo "C" models.**  
 Remove red test lead from terminal marked "IG". Field lamp should turn off and the meter will indicate low voltage.

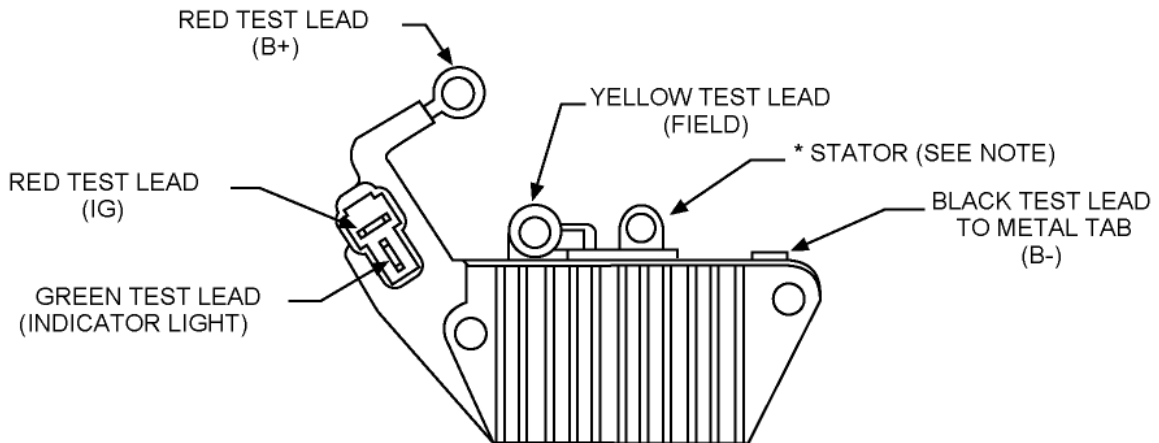
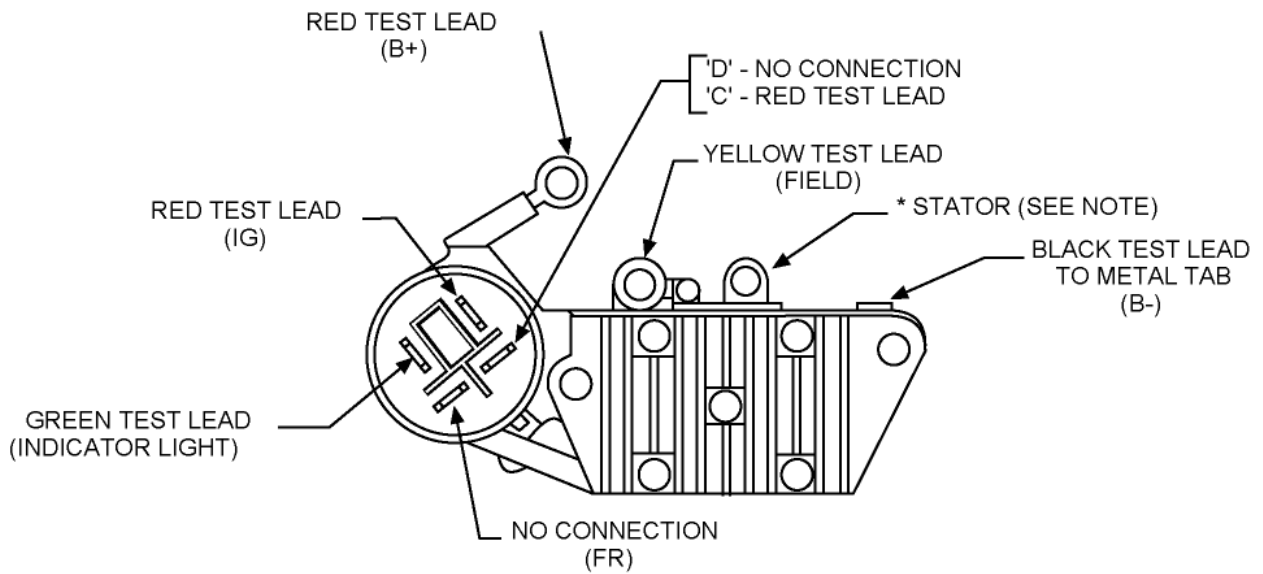
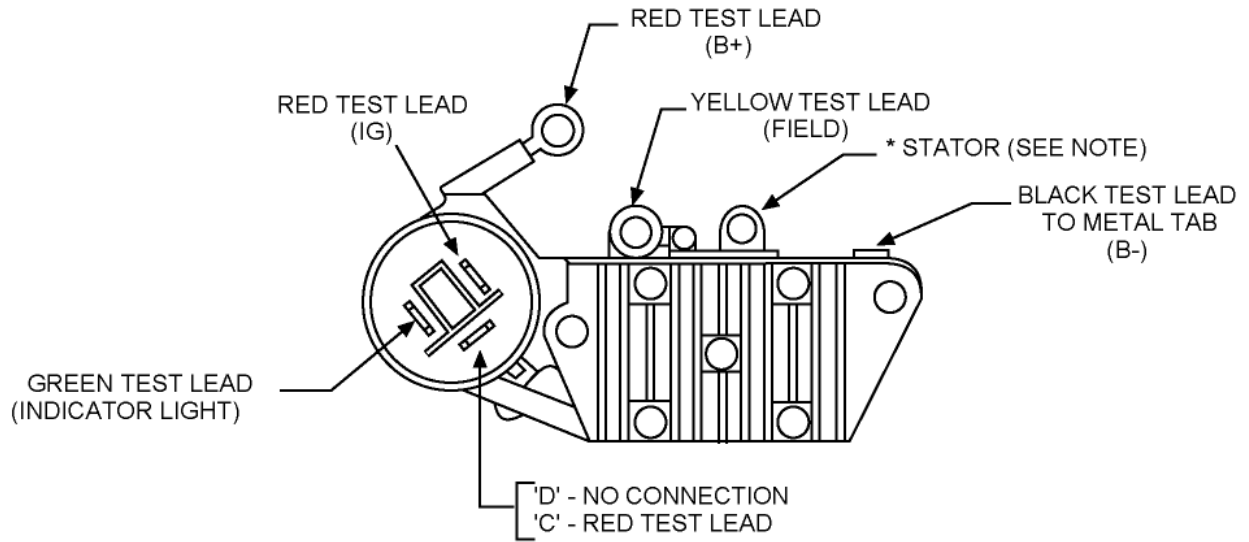
**NOTE ON STATOR CONNECTION:**

Transpo "D" model regulators (Black test lead)  
 - IN219, IN221, IN225, IN251, IN253, IN429  
 Transpo "C" model regulators (White test lead)  
 -IN222, IN224, IN252, IN431  
 O.E.M. (Red test lead)

**REFER TO PAGE IN-19 FOR REGULATOR'S DIAGRAM**

# TRANPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

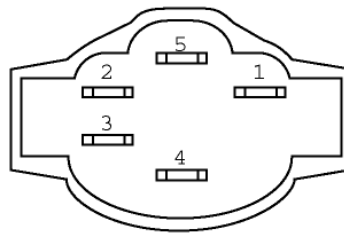


# TRANPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN567</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



IN567

NOTES:

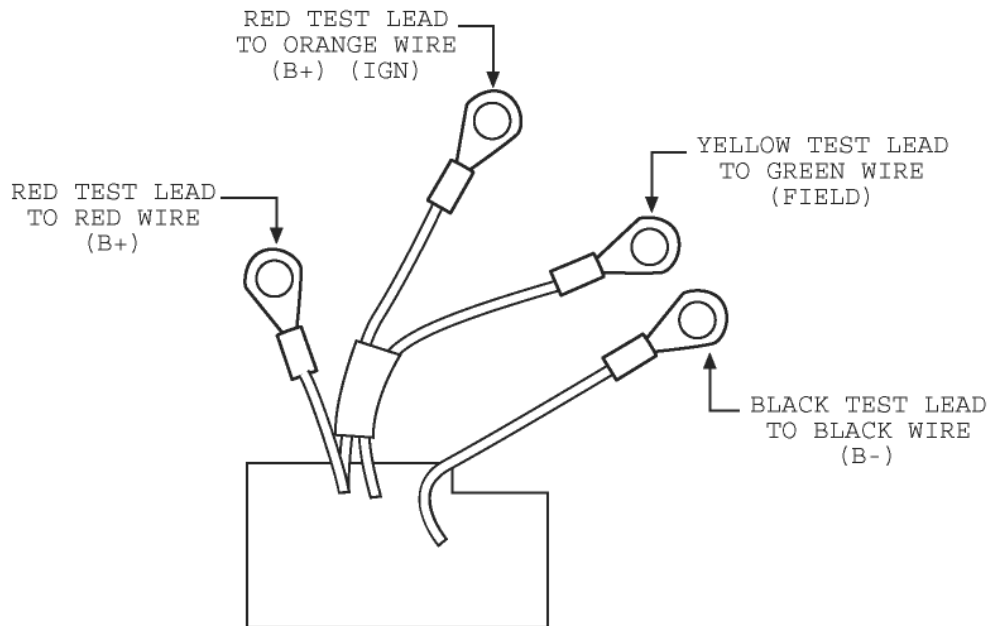
- 1 - YELLOW TEST LEAD (FIELD)
- 2 - RED TEST LEAD (IGN)
- 3 - RED TEST LEAD (I.L.)
- 4 - BLACK TEST LEAD (B-)
- 5 - RED TEST LEAD (B+)

# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN8315</b>	<b>A</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

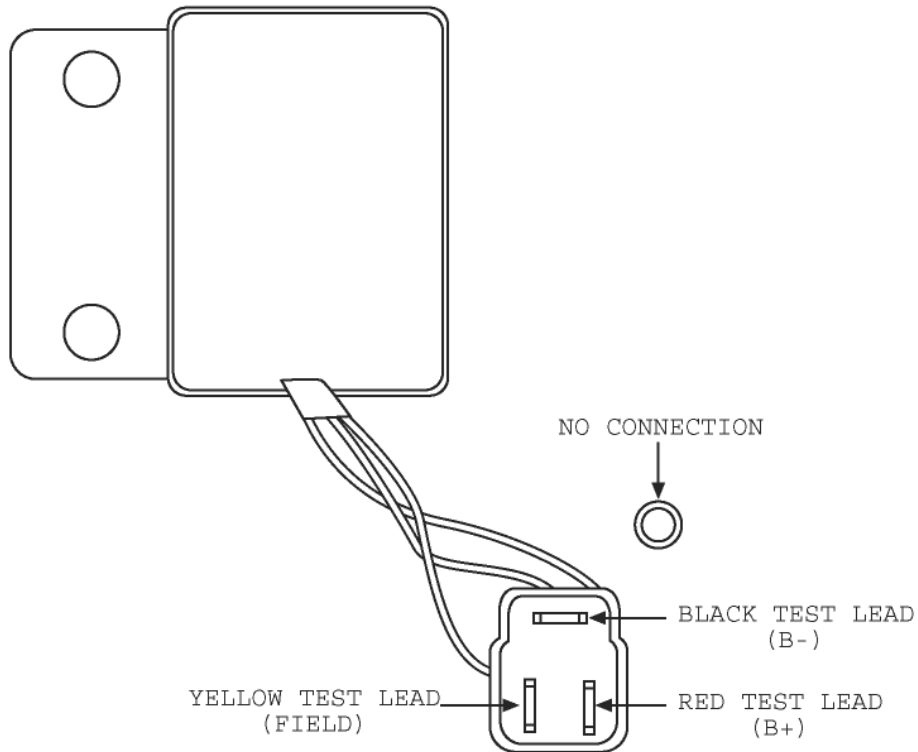


# TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN554	B	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

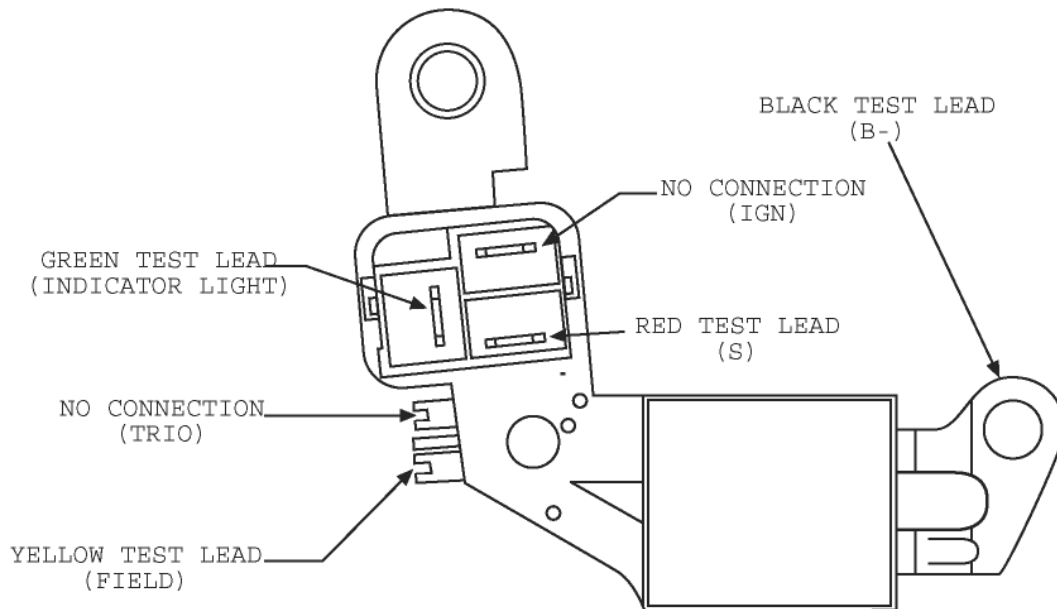


# TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN228</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



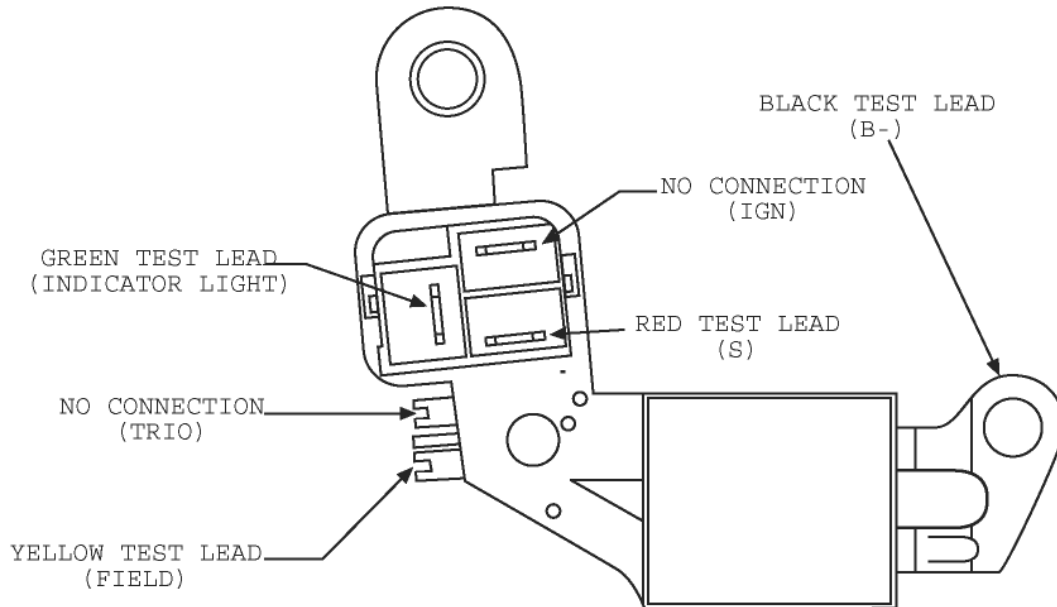
# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN230</b>	<b>A</b>	<b>12</b>	<b>14.1</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S". Indicator light will come on and voltage will rise to approximately 16 volts.

NOTE: When testing the Transpo IN230 or the Original Equipment voltage regulators, the short circuit light may flash and the meter will indicate the set point voltage.

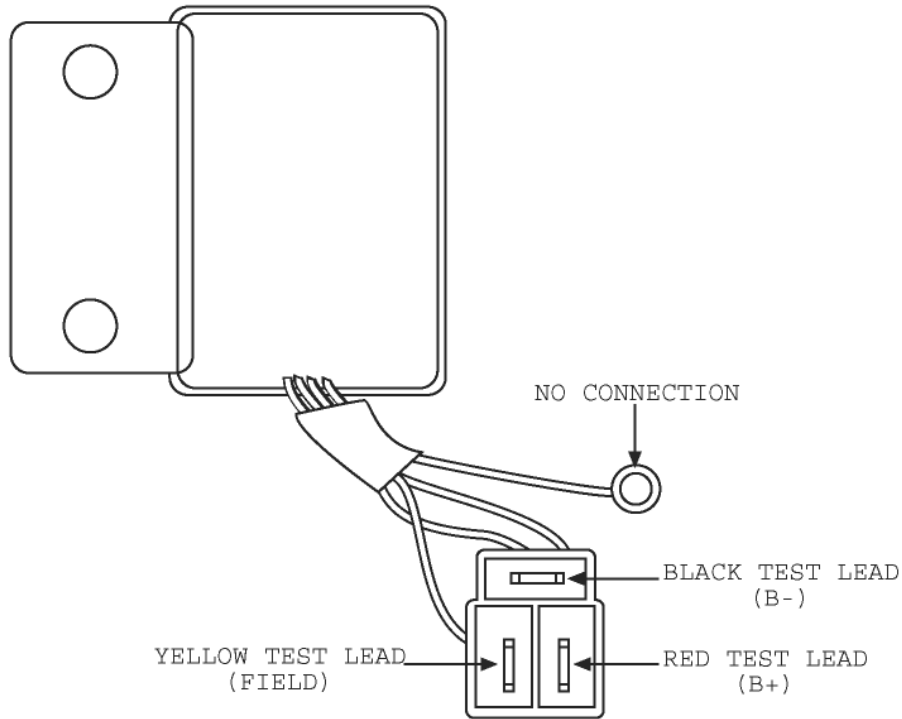


# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN568</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



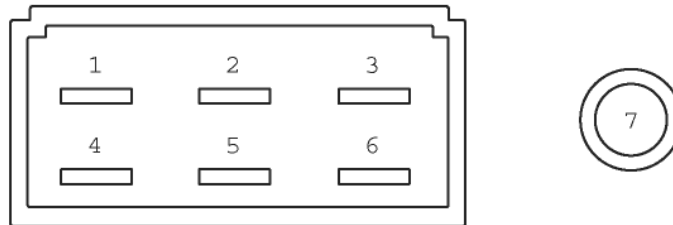


# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN821</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove black test lead from the terminal marked "STA". The indicator light should turn on and the meter will indicate the set point voltage.



NOTES:

- 1 - BLACK TEST LEAD (STA)
- 2 - RED TEST LEAD (IGN)
- 3 - GREEN TEST LEAD (I.L.)
- 4 - BLACK TEST LEAD (B-)
- 5 - YELLOW TEST LEAD (FLD)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION

## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN220	A	12	14.4	IN436	A	12	14.0
IN226	A	12	14.4	IN437	A	12	14.4
IN250	A	12	14.4	IN439	A	12	14.4
IN256	A	12	14.4	IN444	A	12	14.4

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove test lead from the terminal marked "\*". The indicator light will turn on and the meter will indicate approximately 12V and the field lamp will remain fully on (this is the soft start mode of the regulator).

NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

REFER TO PAGE IN-29 FOR REGULATOR'S DIAGRAM

## TRANSPO TESTER INSTRUCTIONS

for NIPPONDENSO type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IN774	A	12	14.4				
IN434	A	12	14.3				
IN438	A	12	14.3				

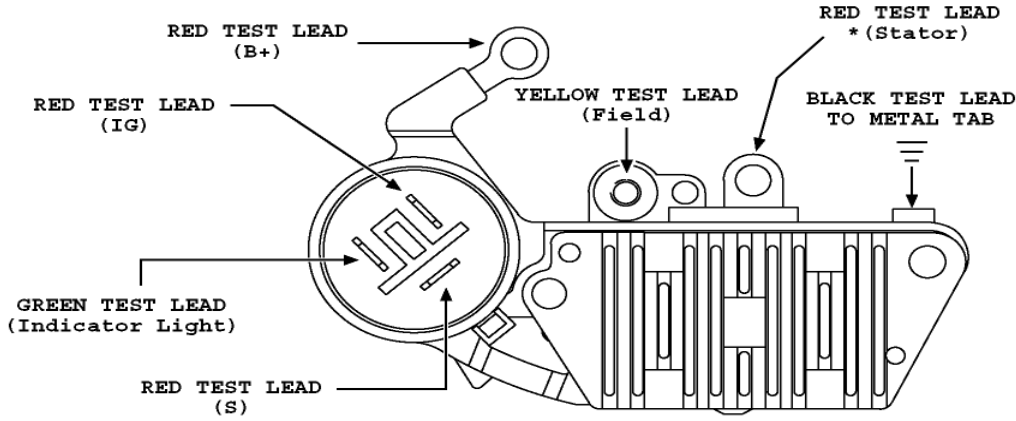
- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove test lead from the terminal marked "\*". The indicator light will turn on and the meter will indicate approximately 12V and the field lamp will remain fully on (this is the soft start mode of the regulator).

NOTE on Stator: Transpo (White test lead) / OE (Red test lead)

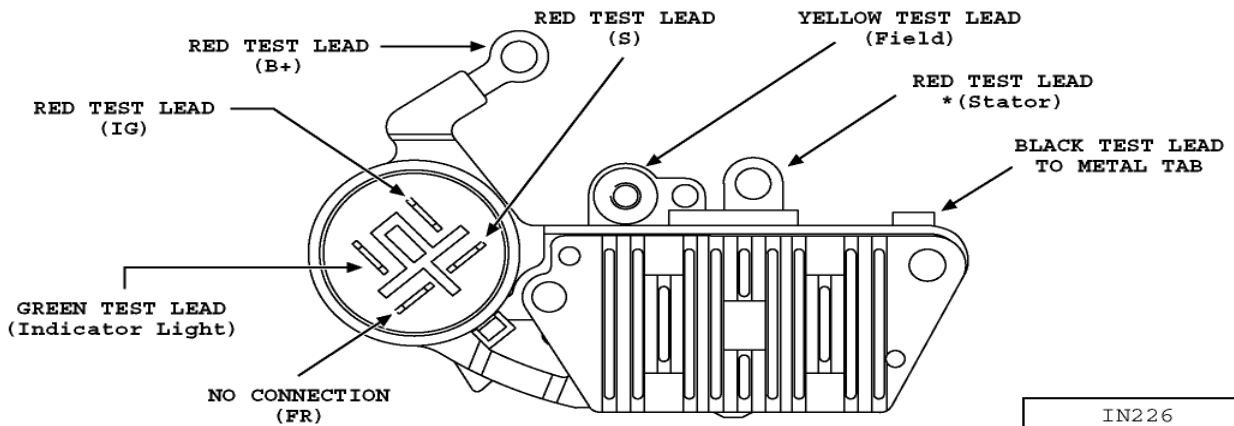
REFER TO PAGE IN-29 FOR REGULATOR'S DIAGRAM

# TRANSPO TESTER INSTRUCTIONS

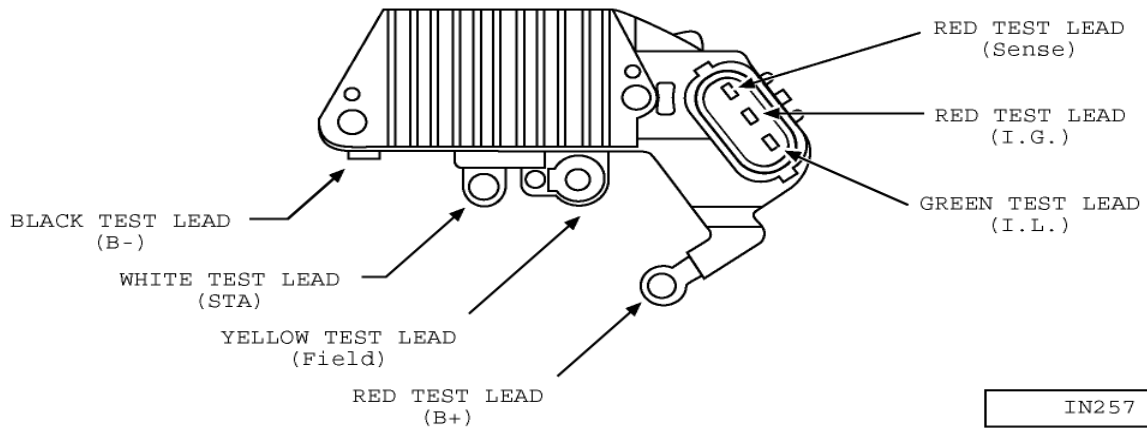
for NIPPONDENSO type regulators



IN220 / IN250



IN226



IN257

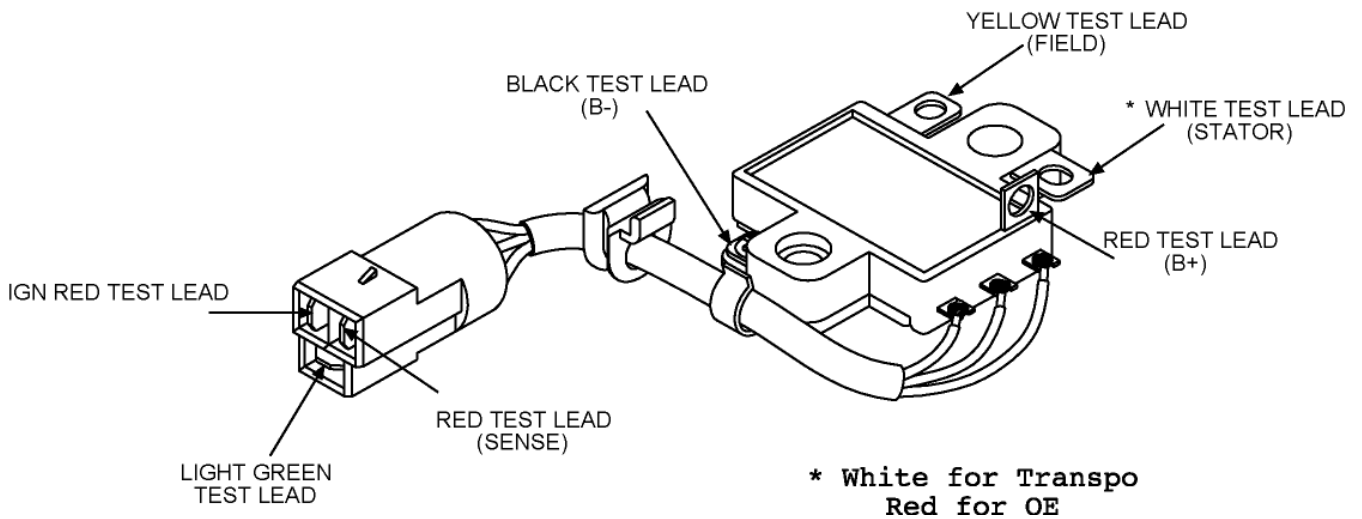
# TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN920</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove the white test lead from the terminal marked stator, the indicator light will turn on and the meter will indicate approximately 12V. The field lamp will remain fully on . (This is the soft -start mode of the regulator)

NOTE: Transpo (White test lead) / OE (Red test lead)

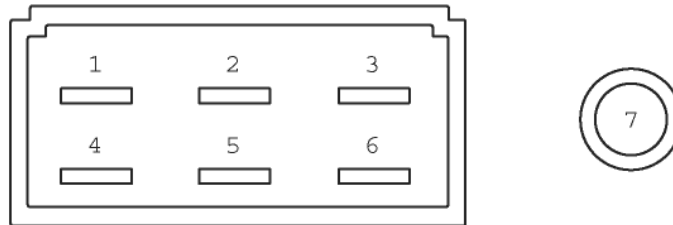


# TRANPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN555</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove the white test lead from the terminal marked stator, The indicate approximately 12V. The field lamp will remain fully on, (This is the soft-start mode of the regulator.)



NOTES:

- 1 - RED TEST LEAD (IG)
- 2 - RED TEST LEAD (STA)
- 3 - YELLOW TEST LEAD (F)
- 4 - BLACK TEST LEAD (B-)
- 5 - GREEN TEST LEAD (IL)
- 6 - RED TEST LEAD (B+)
- 7 - NO CONNECTION

# TRANSCO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

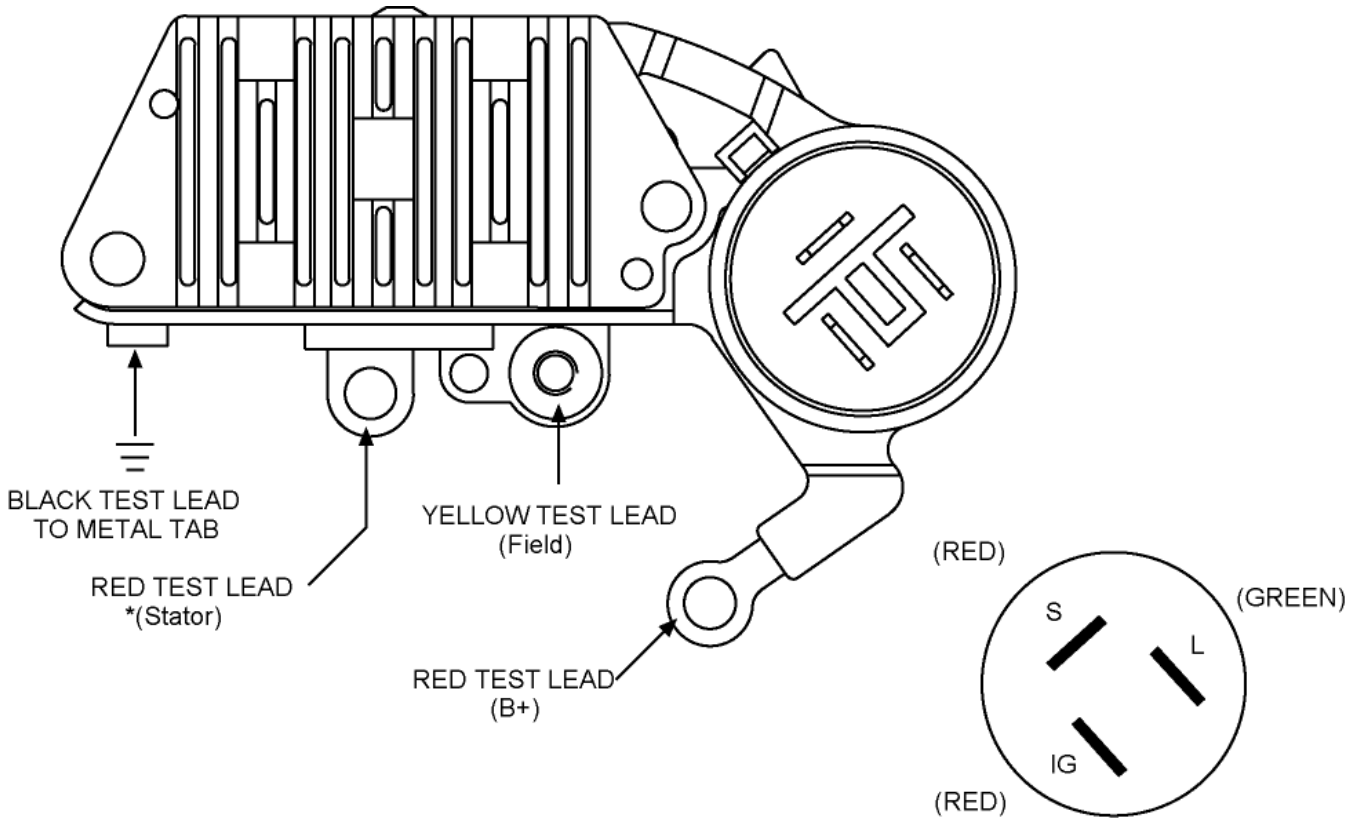
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN220E</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove test lead from the terminal marked "\*". The indicator light will turn on and the meter will indicate approximately 14.6v. and the field lamp will remain fully on.

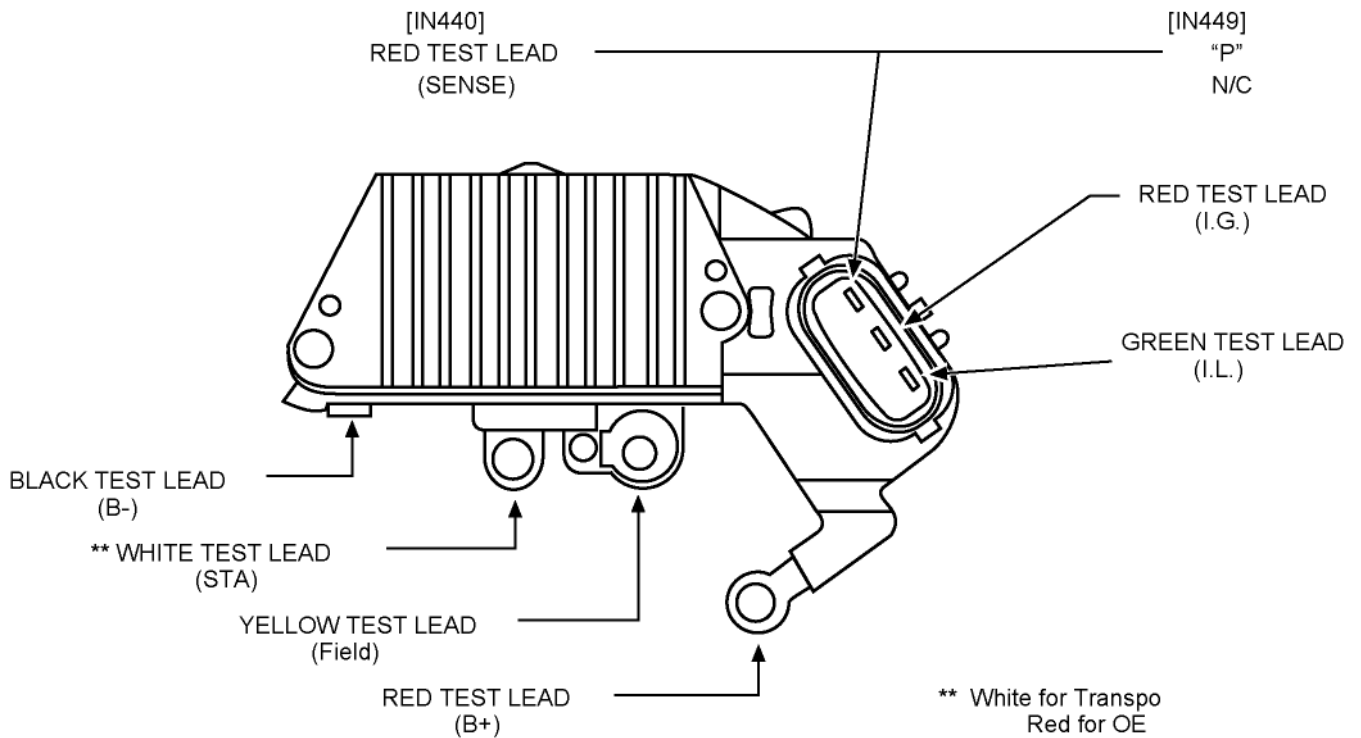


# TRANPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN449</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>IN440</b>	<b>A</b>	<b>12</b>	<b>14.0</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**





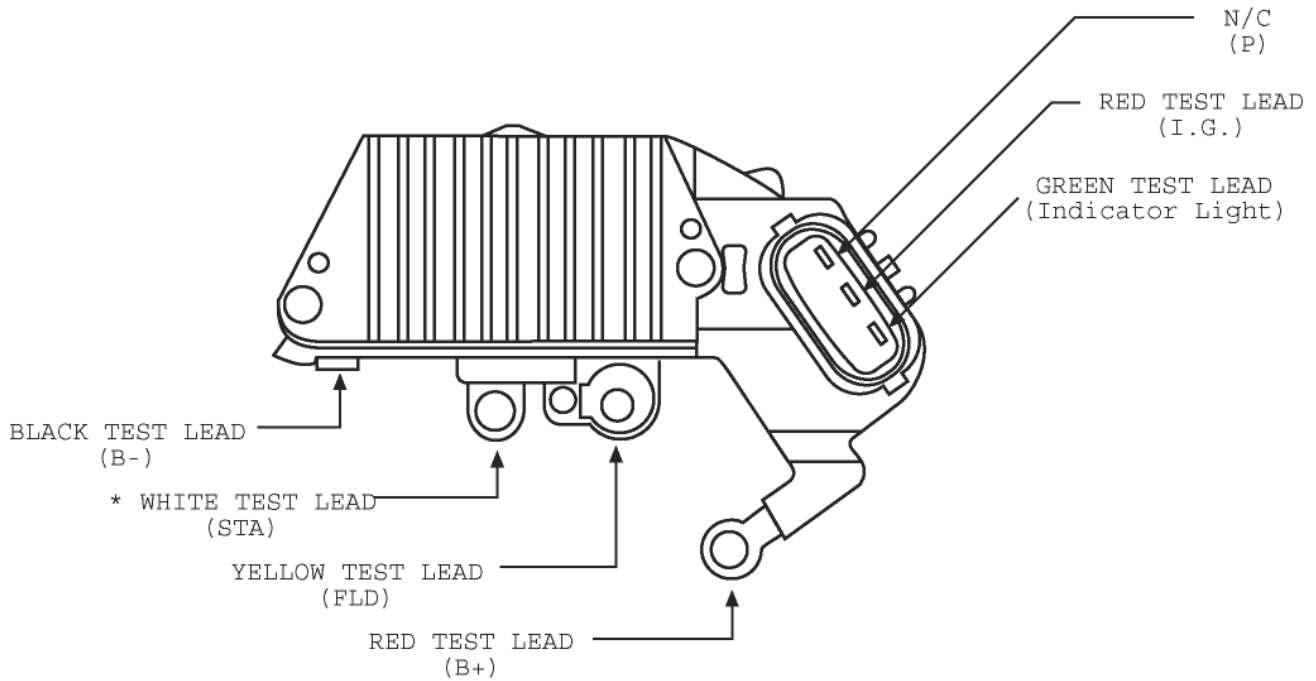
# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN450</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** O.E. Needs red lead to stator.

\* NOTE: On OE Regulator connect a Red test lead to stator (STA)

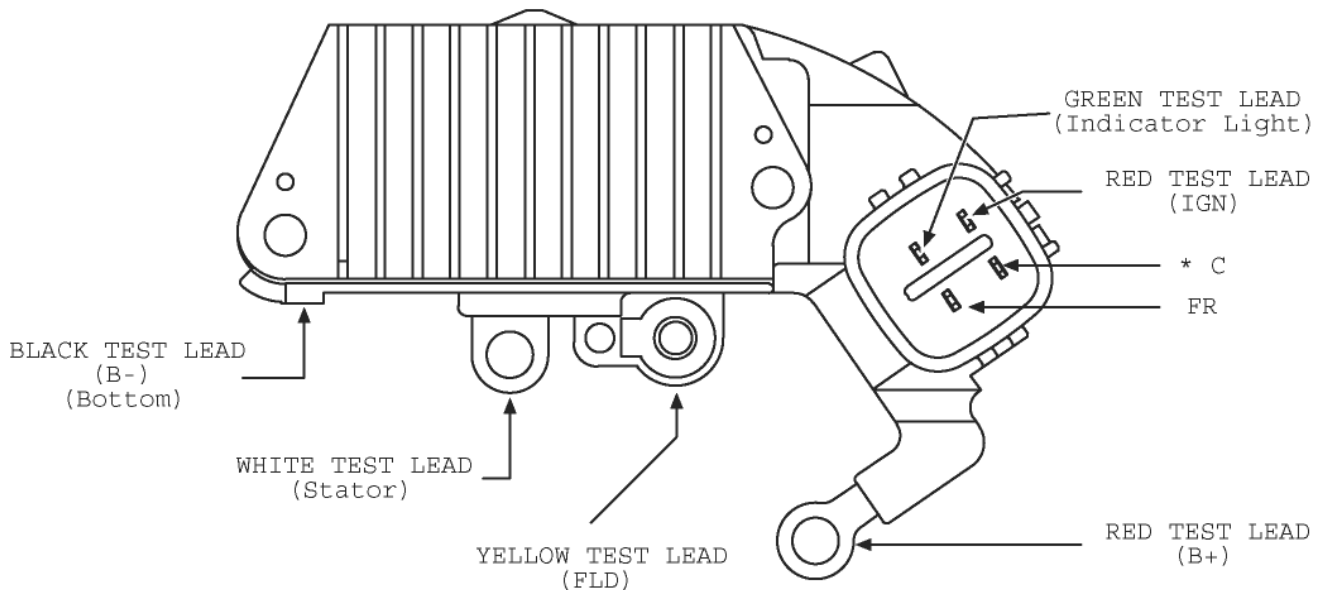


# TRANSCO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN445</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** \* While regulator is on connect additional black test lead to "C". Voltage should drop to 12.5 volts.



# TRANPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

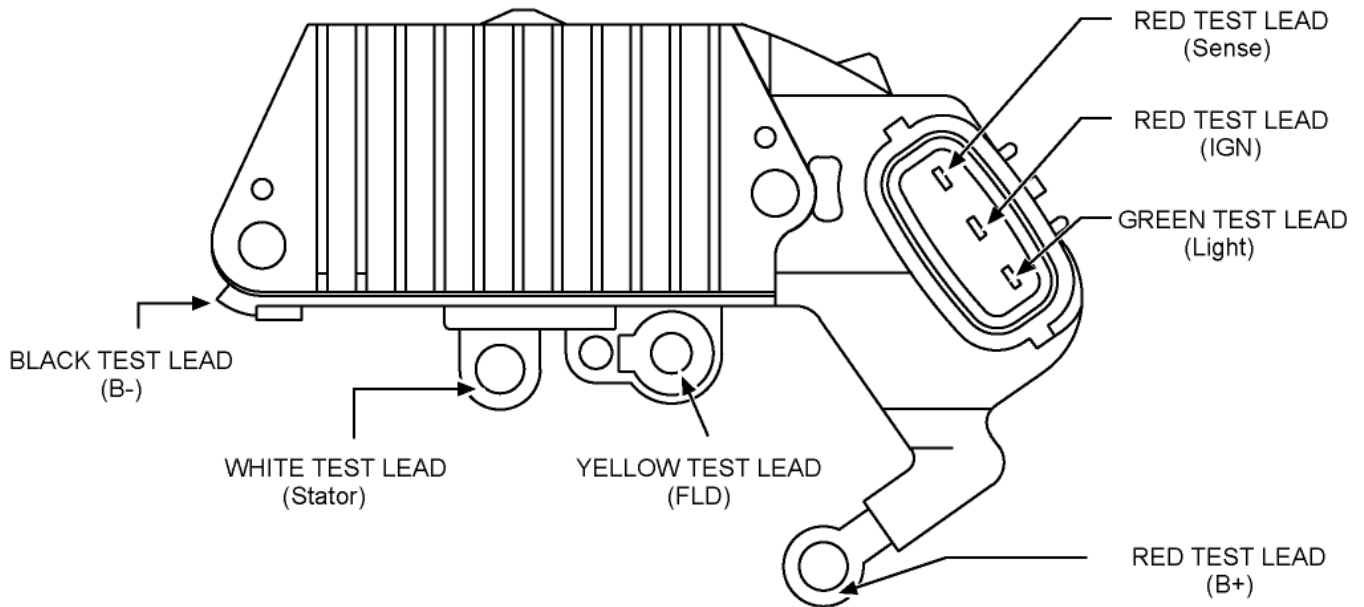
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN453</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white lead from stator and voltage should drop to 12.0v. and 12v lamp should come on. Field circuit lamp stays on.

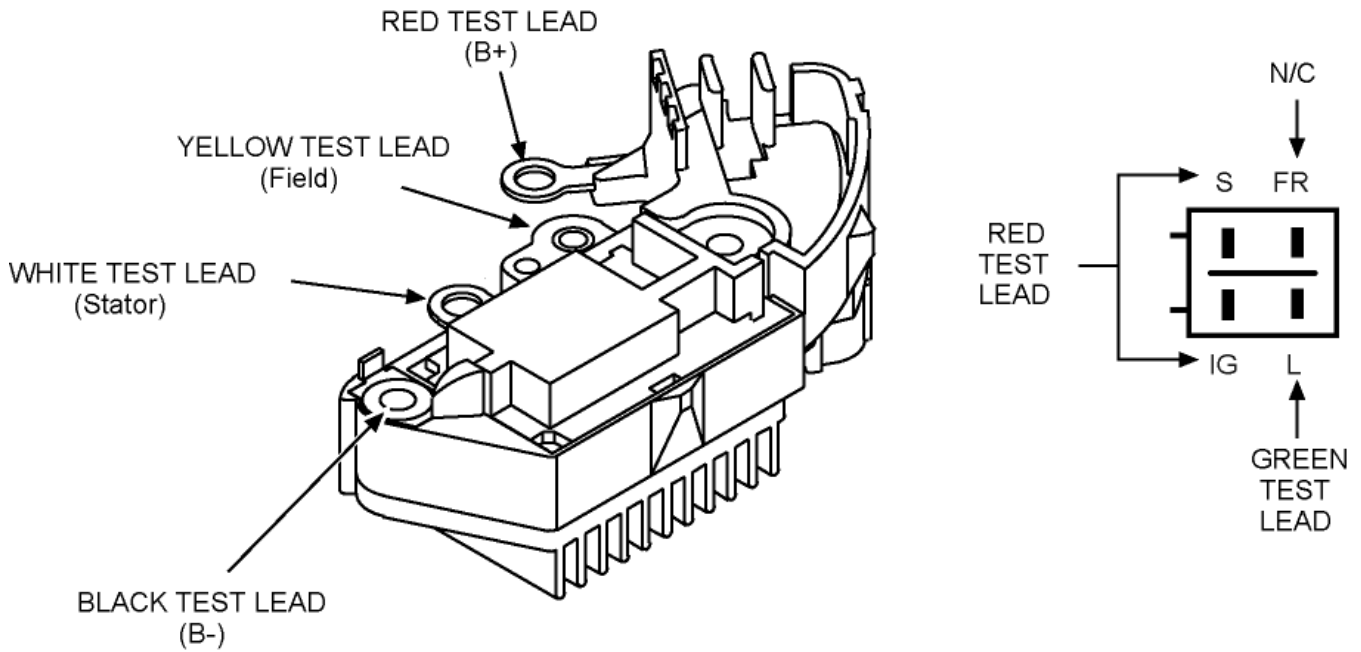


# TRANSPO TESTER INSTRUCTIONS

for           NIPPONDENSO           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN455</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from terminal marked "S" and lamp turns on and voltage remains the same.

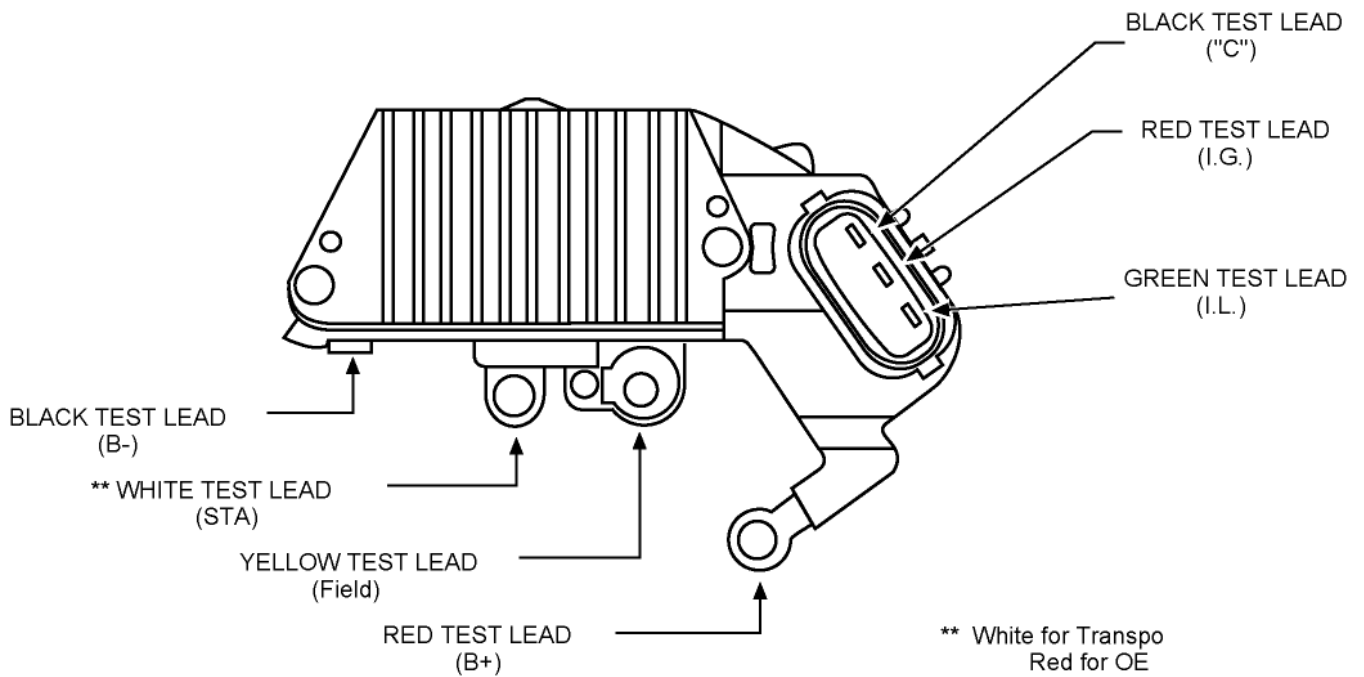


# TRANSPO TESTER INSTRUCTIONS

for     NIPPONDENSO     type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IN215</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Connect black test lead to "C". Voltage will read 12.6V. Remove white test lead to confirm charge indicator light function.

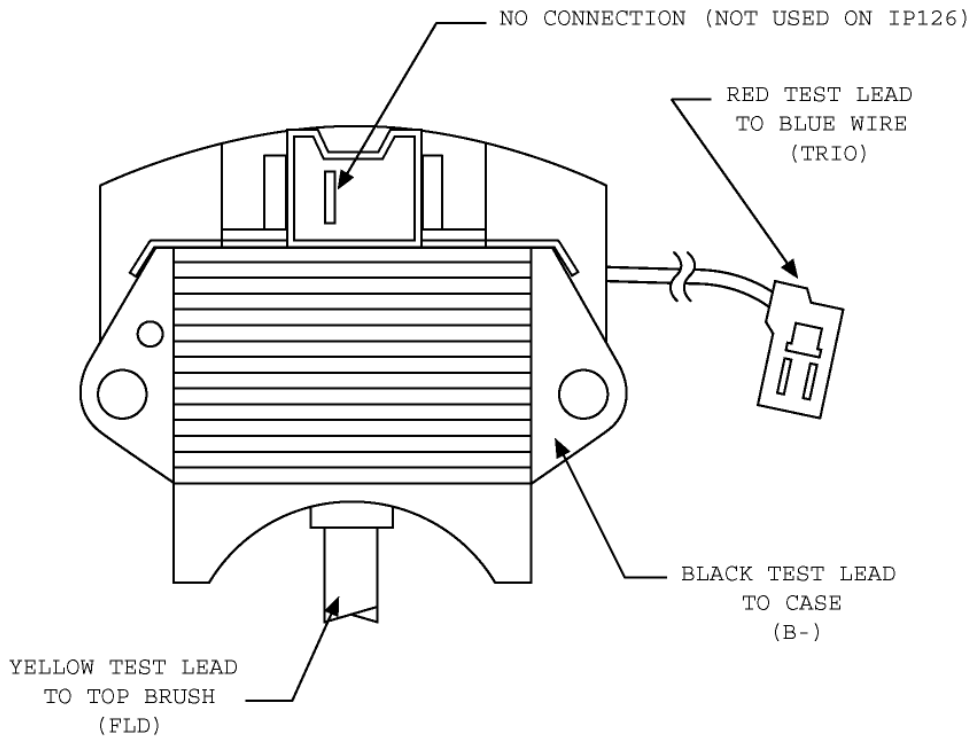


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP125	A	12	14.6				
IP125F	A	12	14.6				
IP126	A	12	14.6				
IP955	A	24	28.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

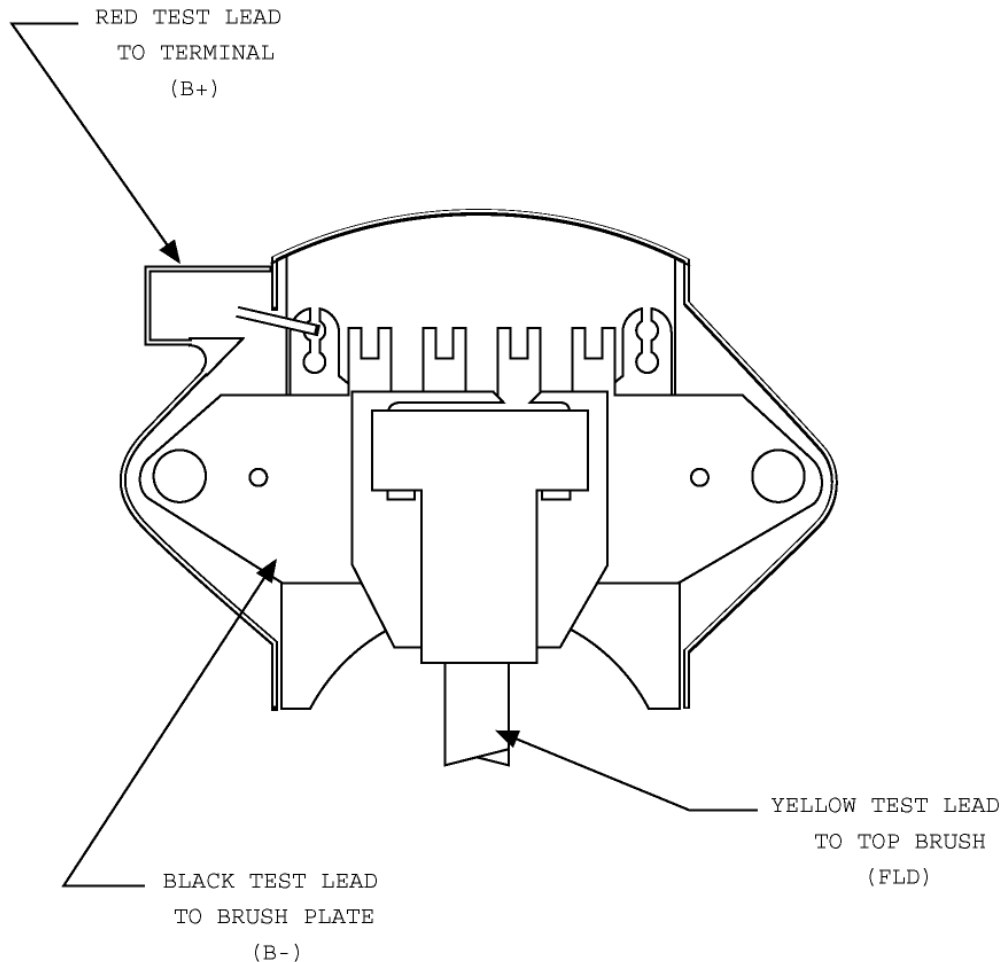


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IP127</b>	<b>A</b>	<b>12</b>	<b>14.7</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

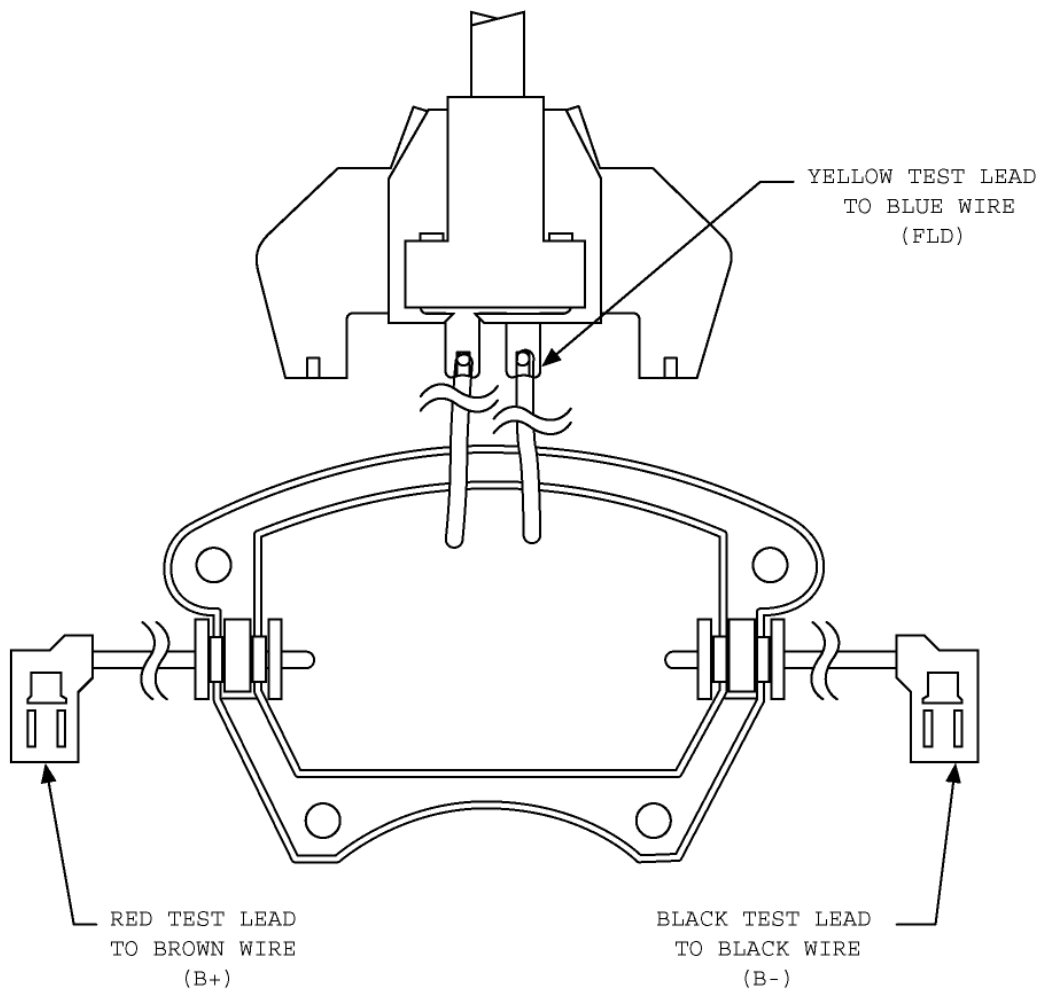


# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP135	A	12	14.3				
IP135B	A	12	14.3				
IP129B	A	24	27.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



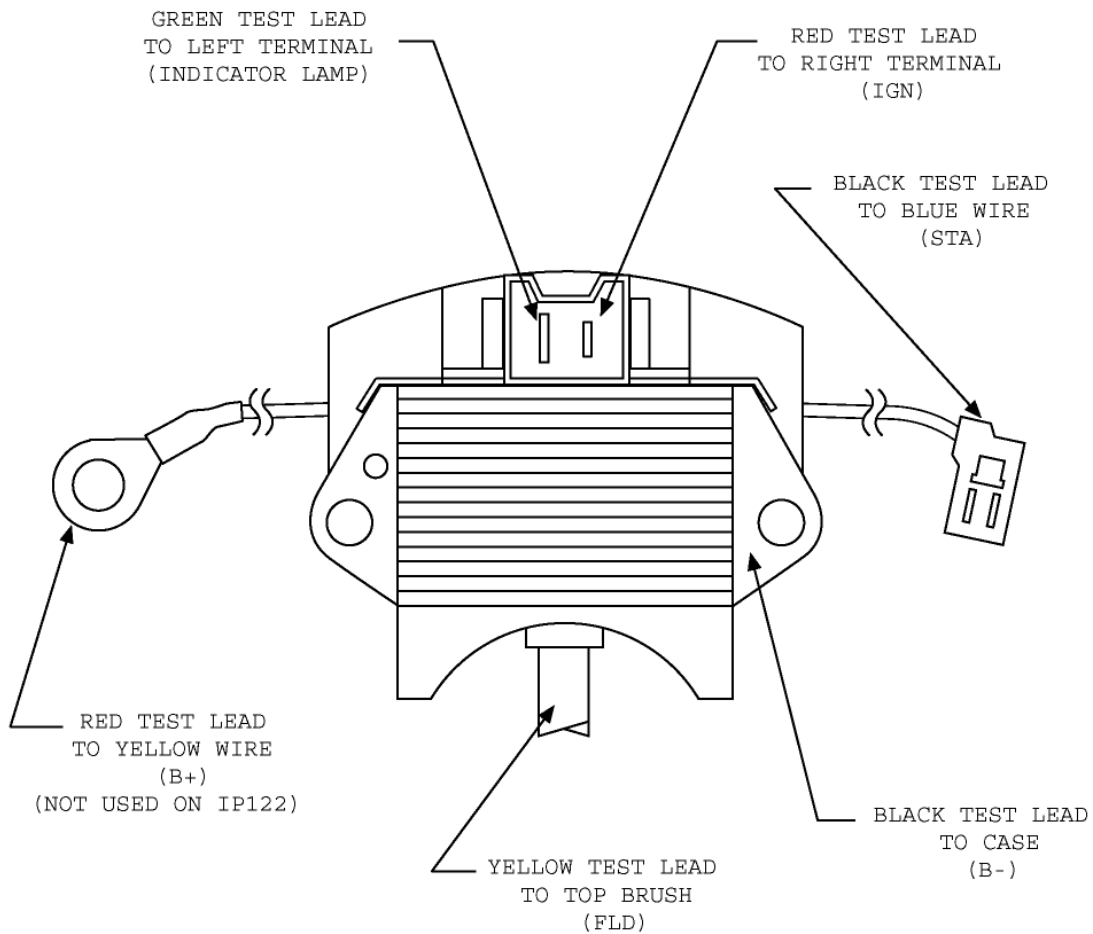


# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP122	A	12	14.4	IP1655	A	12	14.4
IP152	A	12	14.2				
IP1639	A	12	14.4				
IP1652F	A	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove black test lead from the blue wire of the regulator . Indicator light should turn on and meter will still indicate the set point voltage.

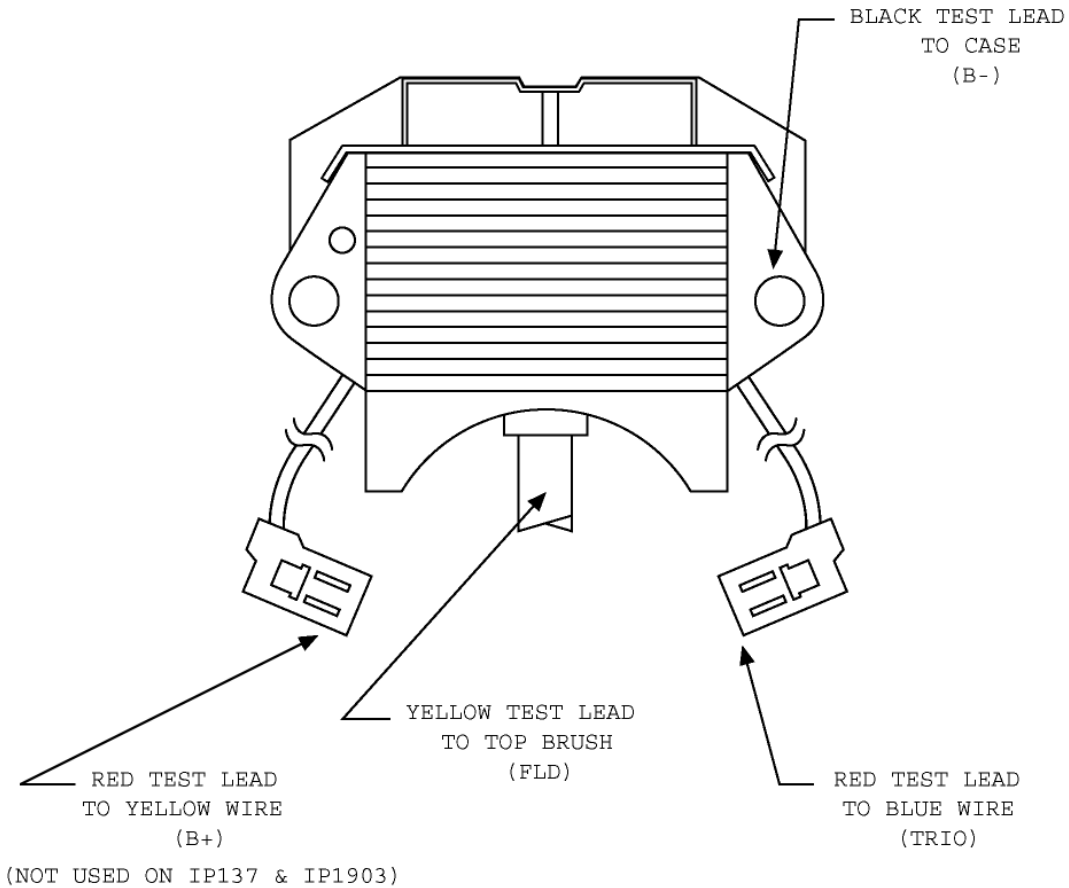


# TRANPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP137	A	12	14.6				
IP1903	A	12	14.6				
IP2700	A	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

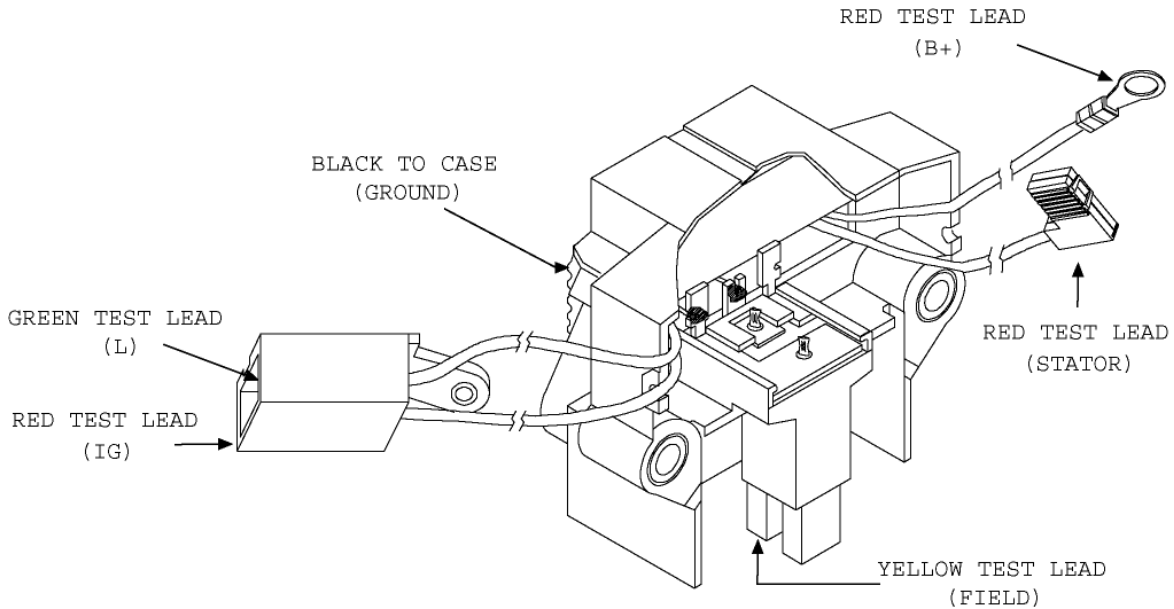


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP735B	A	12	14.3				
IP729B	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

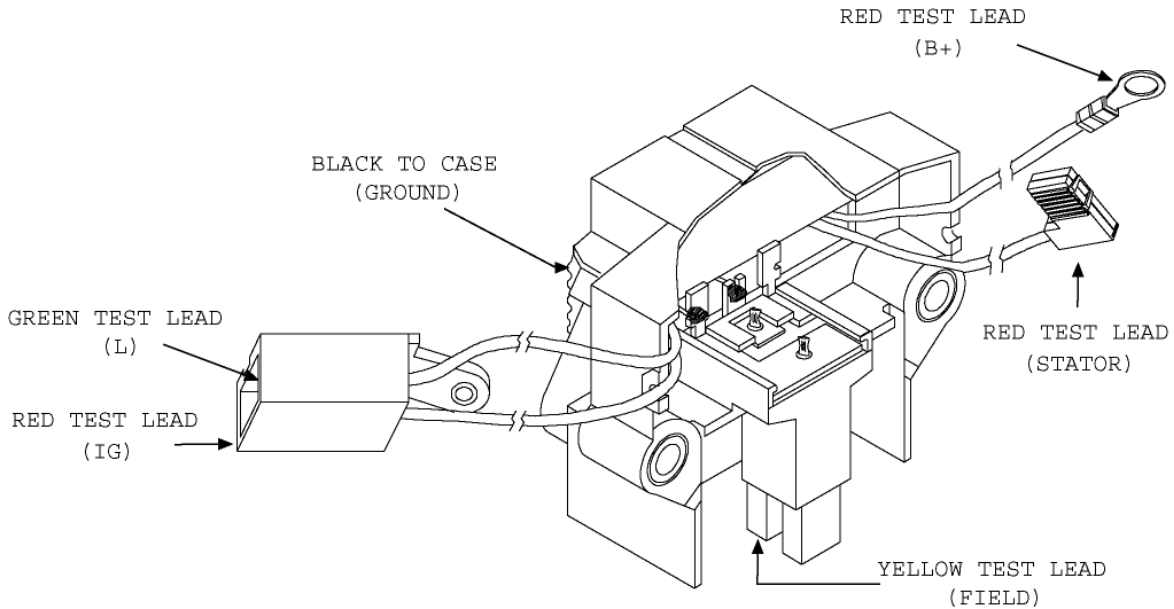


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IP130</b>	<b>A</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from the stator wire of the regulator. indicator light should turn on and meter will still indicate the set point voltage.

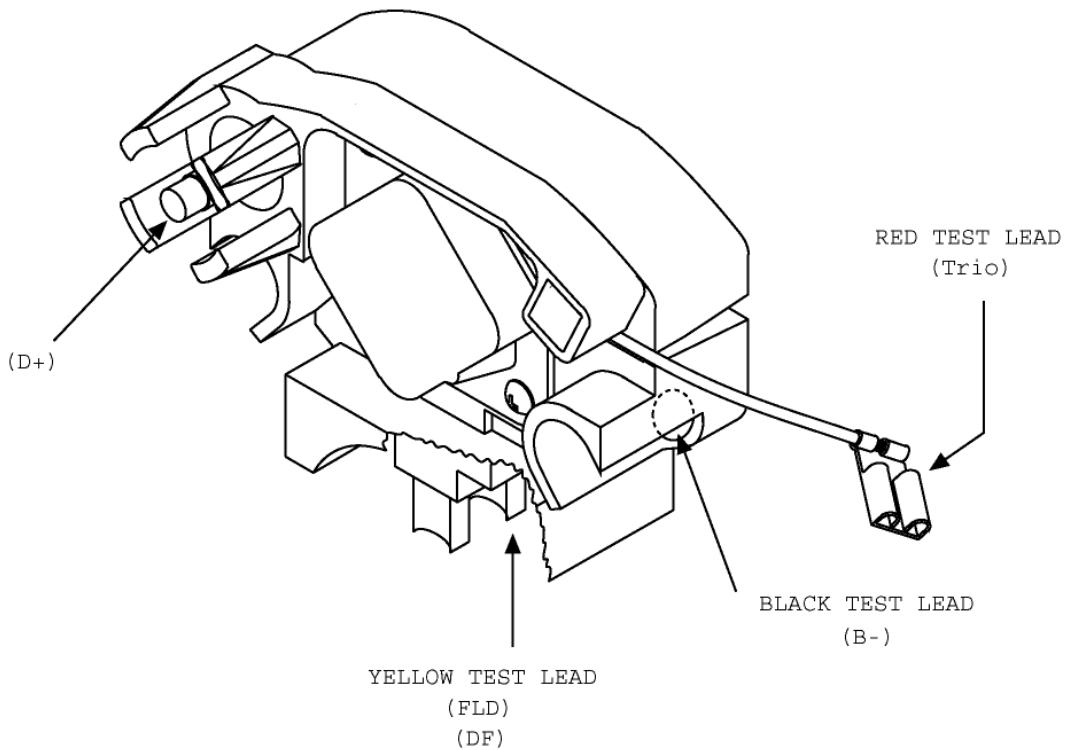


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IP1926</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

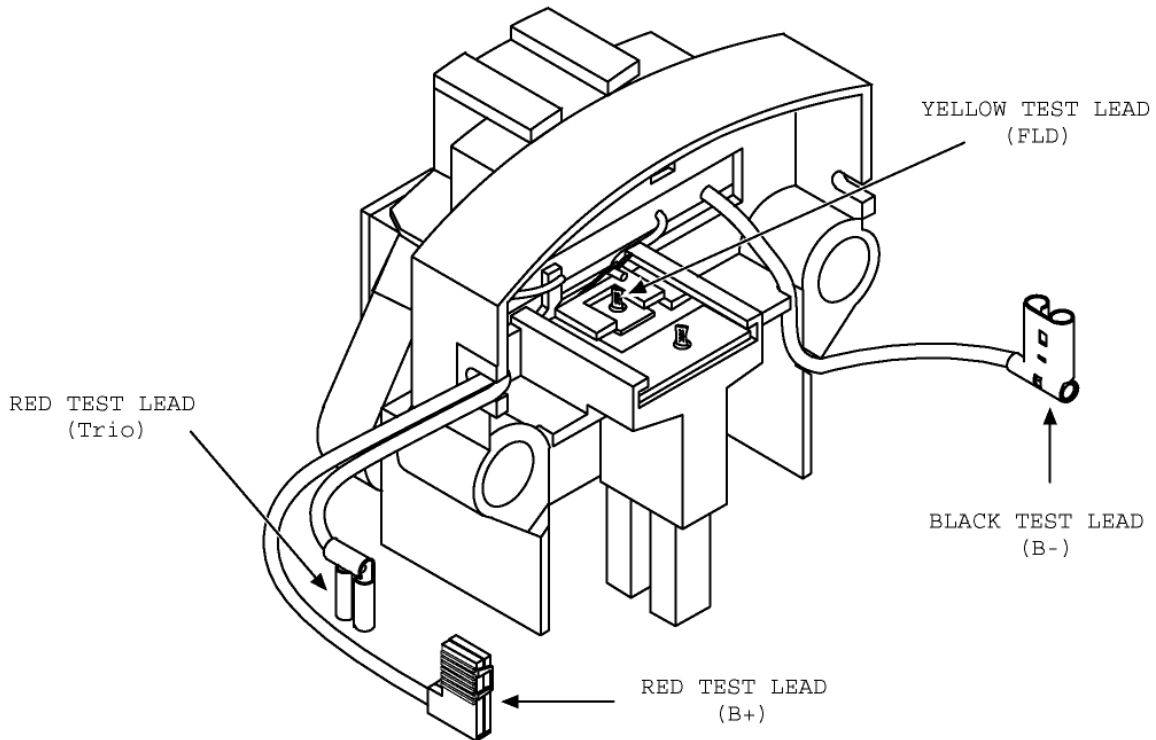


# TRANSCO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IP736	A	12	14.1				

- POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- ADDITIONAL TEST:**

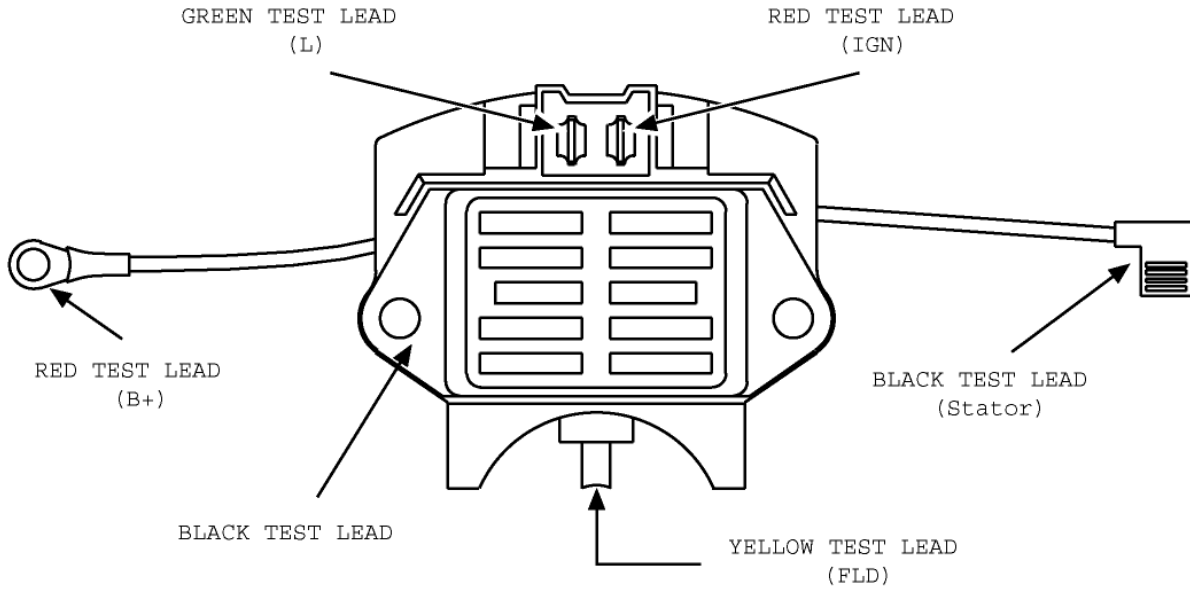


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IP123</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove black test lead from blue wire. Indicator light should turn on and voltage will remain the same.

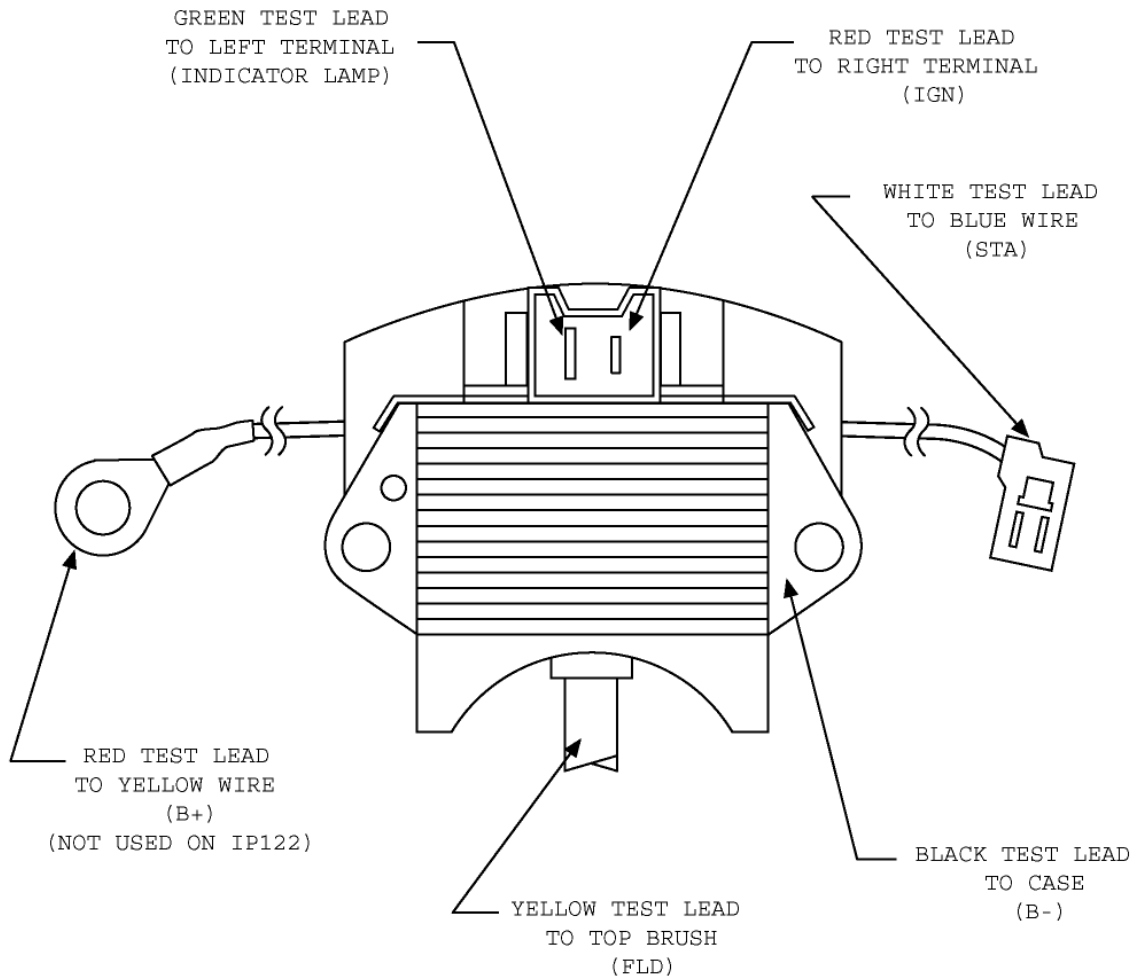


# TRANSPO TESTER INSTRUCTIONS

for PARIS RHONE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IP1652</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from the blue wire of the regulator. Indicator light should turn on and meter will read approximately 12 volts.



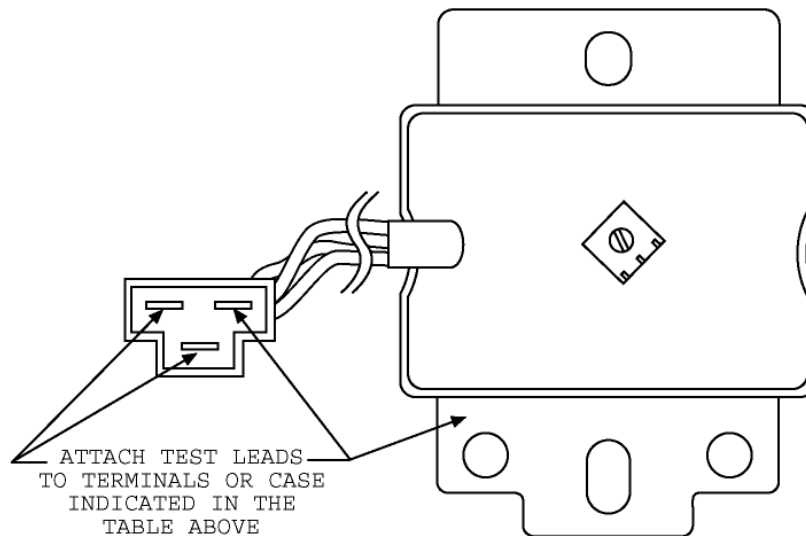


# TRANSPO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>P8-328</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>P8-407</b>	<b>B</b>	<b>12</b>	<b>15.0</b>
<b>P8-328A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>P8-407A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>
<b>P8-379</b>	<b>B</b>	<b>12</b>	<b>15.0</b>	<b>P8-406</b>	<b>B</b>	<b>12</b>	<b>15.0</b>
<b>P8-379A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>	<b>P8-406A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



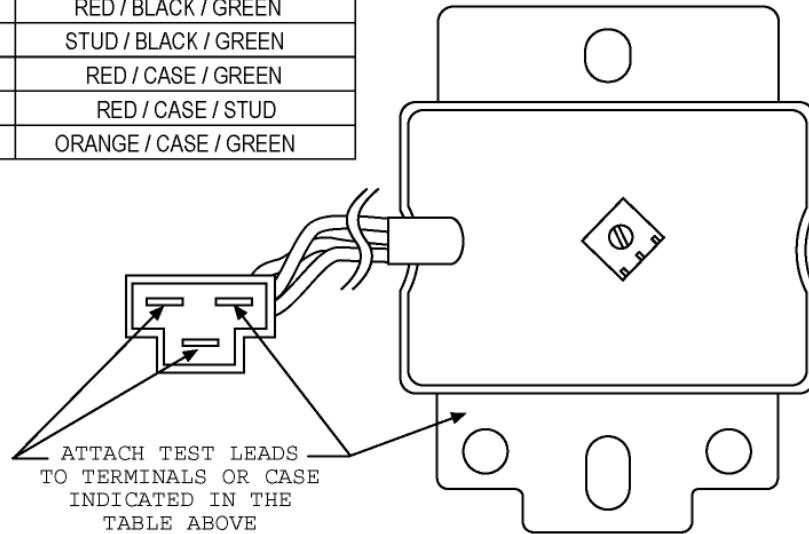
# TRANPO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>P8-403</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>P8-410</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>P8-403A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>P8-410A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>
<b>P8-404</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>P8-343</b>	<b>B</b>	<b>12</b>	<b>15.0</b>
<b>P8-404A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>	<b>P8-343A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPLE / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN



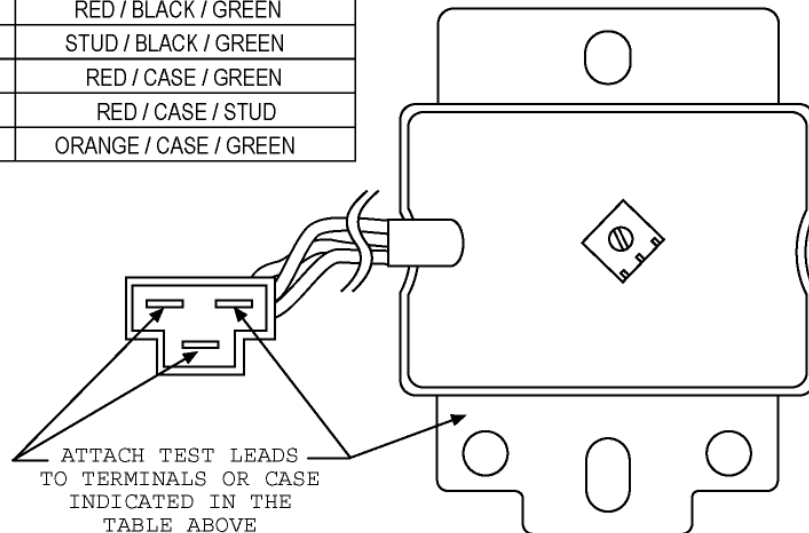
# TRANSCO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
P8-354	B	12	14.2	P8-357	B	12	14.2
P8-354A	B	12	14.2	P8-357A	B	12	14.2
P8-355	B	12	14.2	P8-352	B	12	14.2
P8-355A	B	12	14.2	P8-352A	B	12	14.2

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPLE / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN



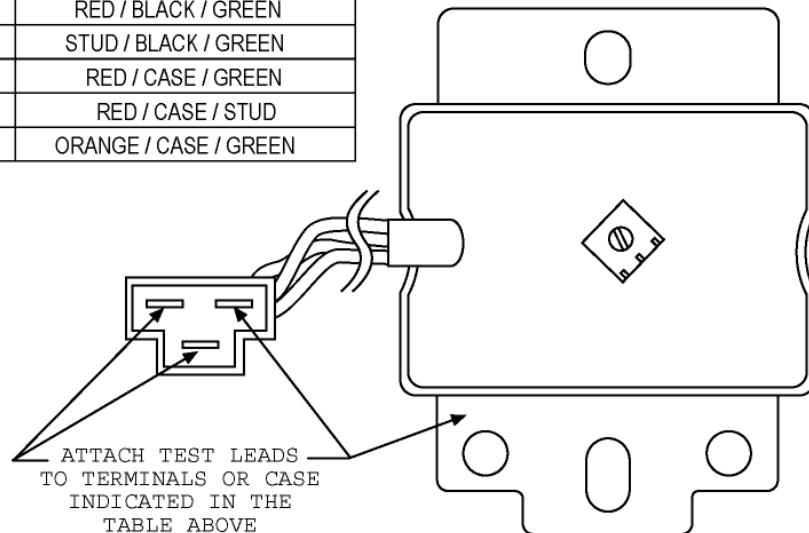
# TRANSCO TESTER INSTRUCTIONS

for PRESTOLITE type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>P8-368</b>	<b>B</b>	<b>12</b>	<b>15.0</b>	<b>P8-393</b>	<b>B</b>	<b>24</b>	<b>27.5</b>
<b>P8-368A</b>	<b>B</b>	<b>12</b>	<b>15.0</b>	<b>P8-393A</b>	<b>B</b>	<b>24</b>	<b>27.5</b>
<b>P8-405</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				
<b>P8-405A</b>	<b>B</b>	<b>12</b>	<b>14.2</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

Part #	VSH #	Tester Conn. POS / NEG / FLD
P8-328/A	6201A	RED / CASE / GREEN
P8-379/A	6201AB	BROWN / BLACK / GREEN
P8-407/A	6201ACY	ORANGE / BLACK / GREEN
P8-406/A	6201ADY	BROWN / BLACK / GREEN
P8-403/A	6201AE	RED / CASE / STUD
P8-404/A	6201AFY	PURPLE / BLACK / YELLOW
P8-410/A	6201AGY	PURPLE / BLACK / YELLOW
P8-343/A	6201D	RED / CASE / GREEN
P8-354/A	6201G	RED / BLACK / GREEN
P8-355/A	6201H	ORANGE / BLACK / GREEN
P8-357/A	6201K	RED / BLACK / GREEN
P8-352/A	6201N	STUD / BLACK / GREEN
P8-368/A	6201W	RED / CASE / GREEN
P8-405/A	6201JY	RED / CASE / STUD
P8-393/A	6401	ORANGE / CASE / GREEN

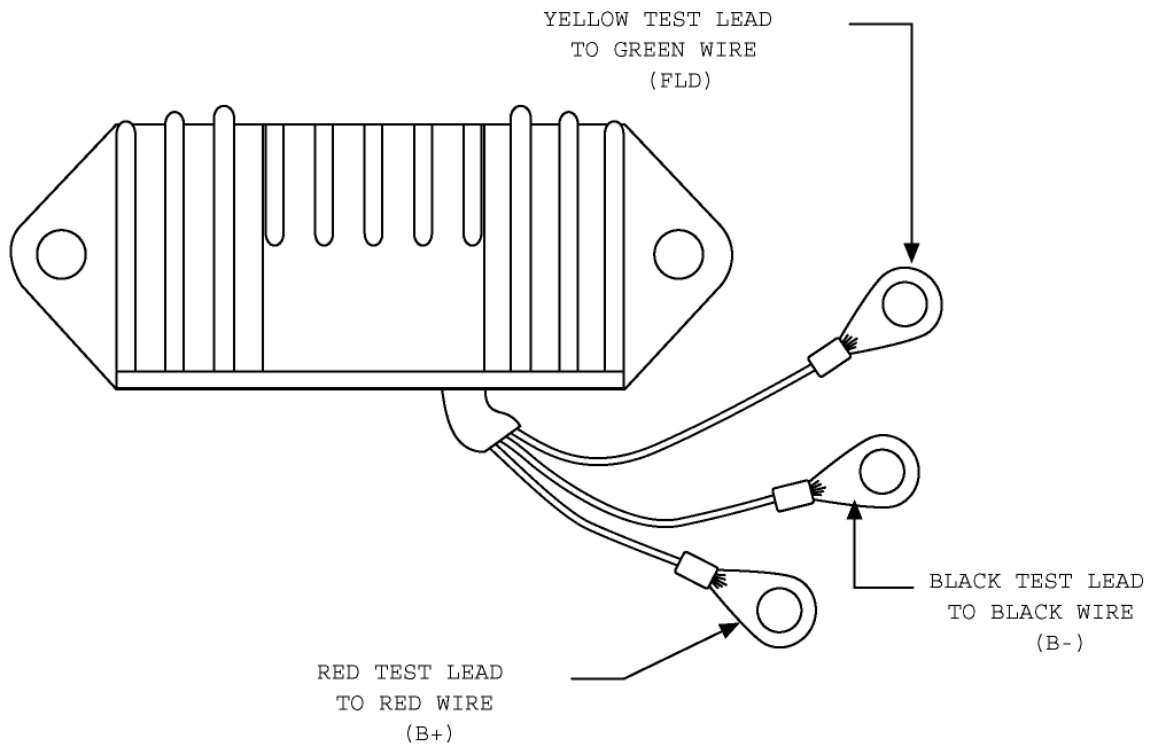


# TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IS219	B	12	14.2				
IS219A	B	12	14.2				
IS219-30	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

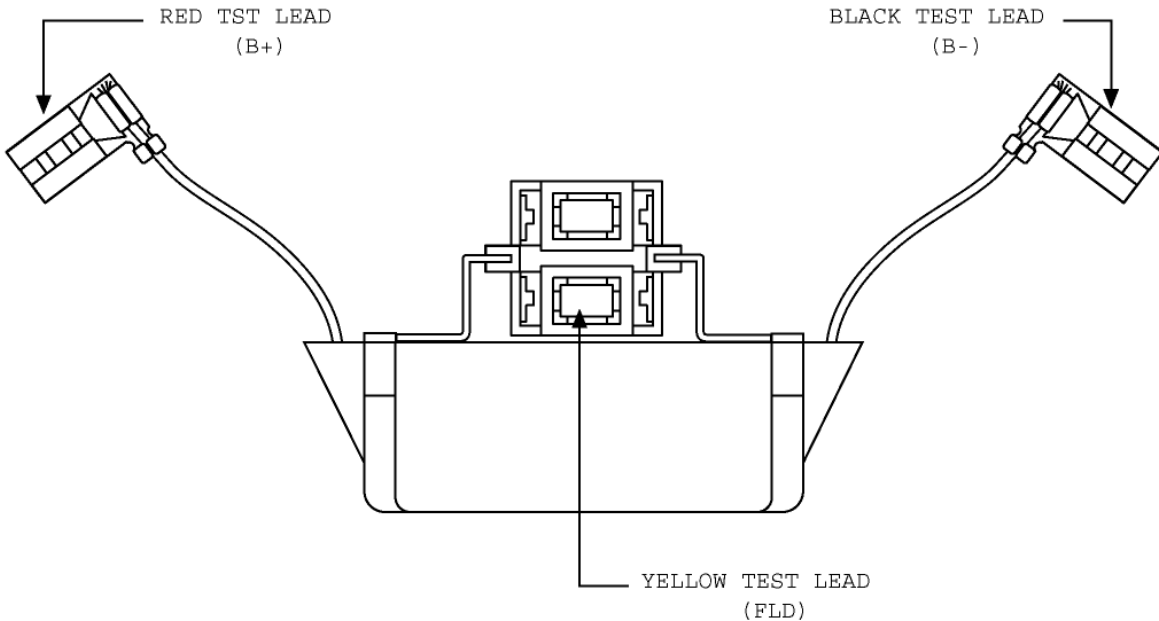


# TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IS222</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

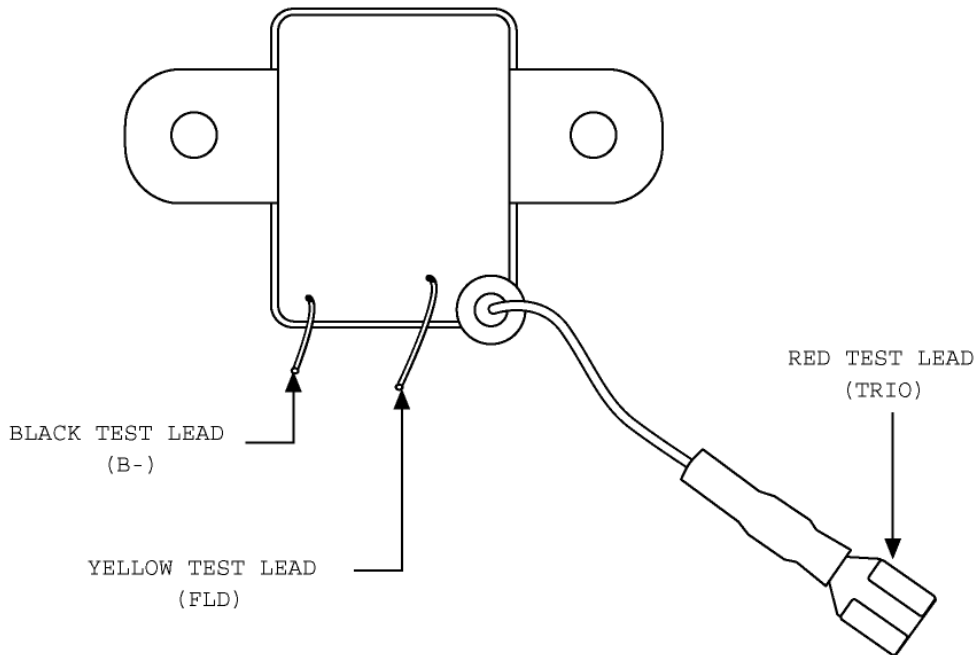


# TRANSCO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
IS301	B	12	14.2				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

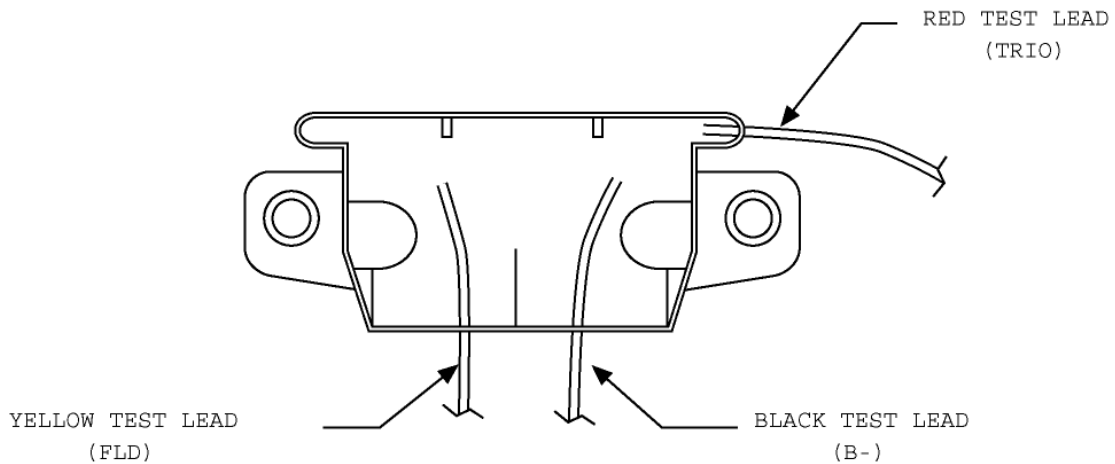


# TRANSPO TESTER INSTRUCTIONS

for SEV MARCHAL type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>IS223</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



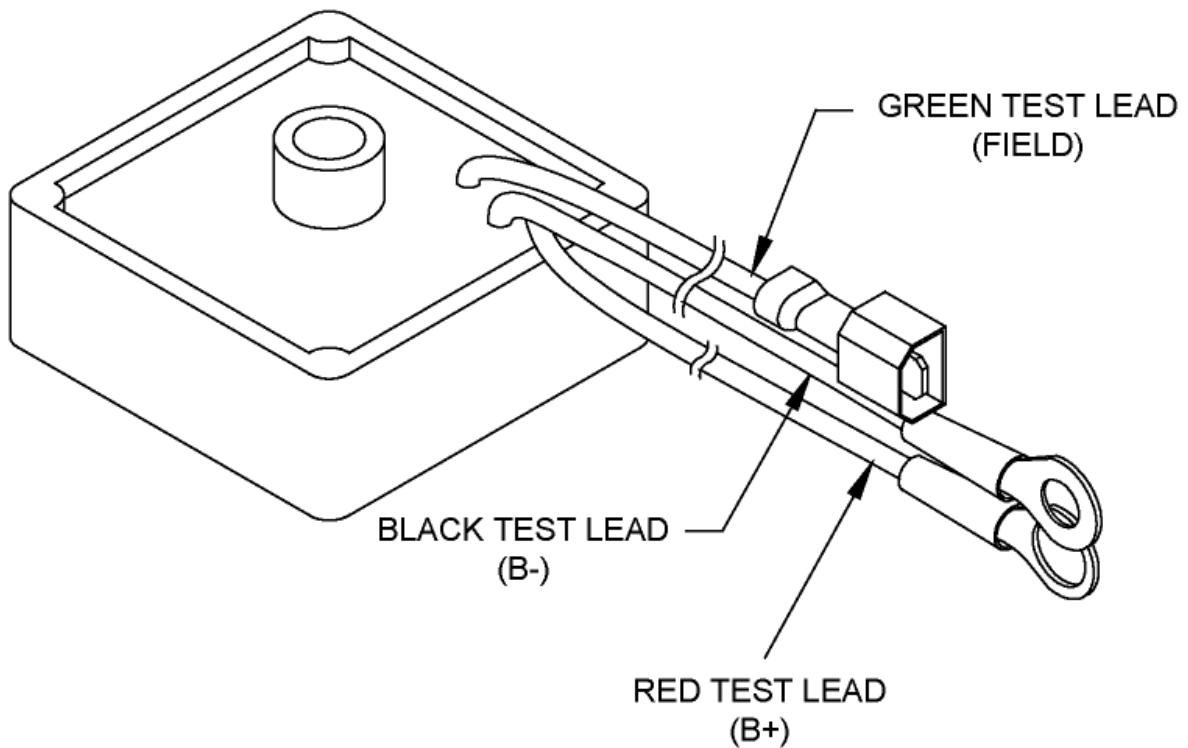


## TRANSPO TESTER INSTRUCTIONS

for           SPECIALTY           type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>GC100</b>	<b>A</b>	<b>12</b>	<b>14.45</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

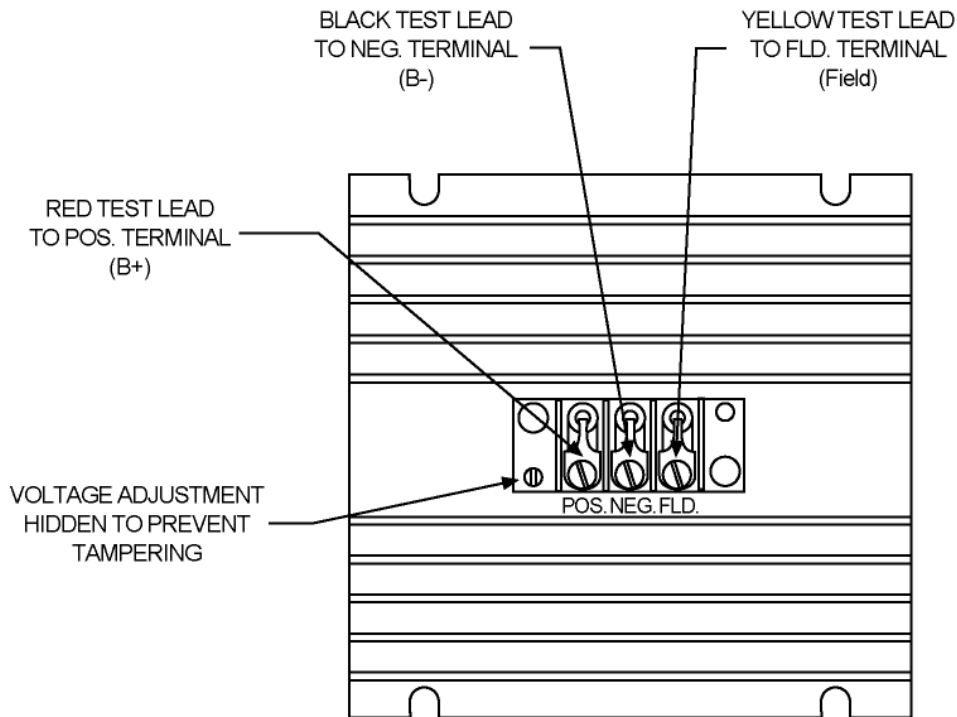


# TRANSCO TESTER INSTRUCTIONS

for TE 911 SERIES type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
911-01	A	12	14.2	911-21	A	32	37.5
911-02	B	12	14.2	911-22	B	32	37.5
911-11	A	24	27.5				
911-12	B	24	27.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:**



# TRANSPO TESTER INSTRUCTIONS

for TE 911 SERIES type regulators

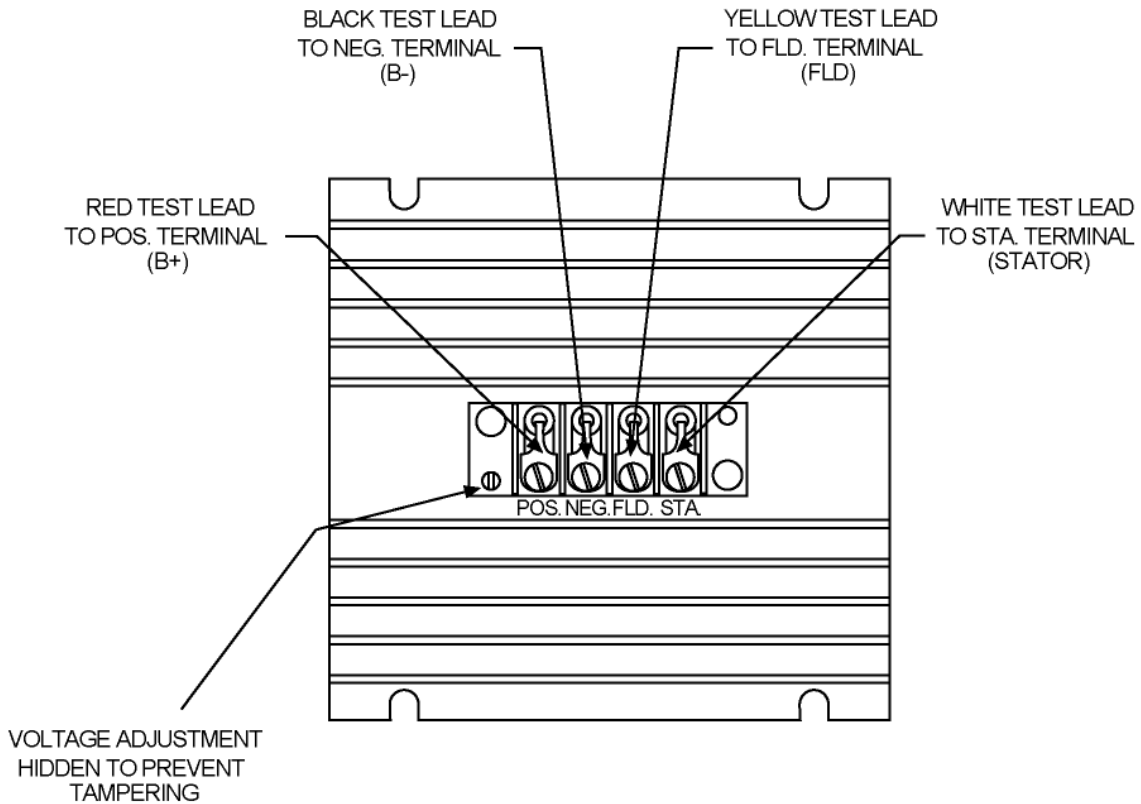
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
911-03	A	12	14.2	911-23	A	32	37.5
911-04	B	12	14.2	911-24	B	32	37.5
911-13	A	24	27.5				
911-14	B	24	27.5				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white test lead from terminal marked "STA". File lamp should turn off and the meter will indicate low voltage.

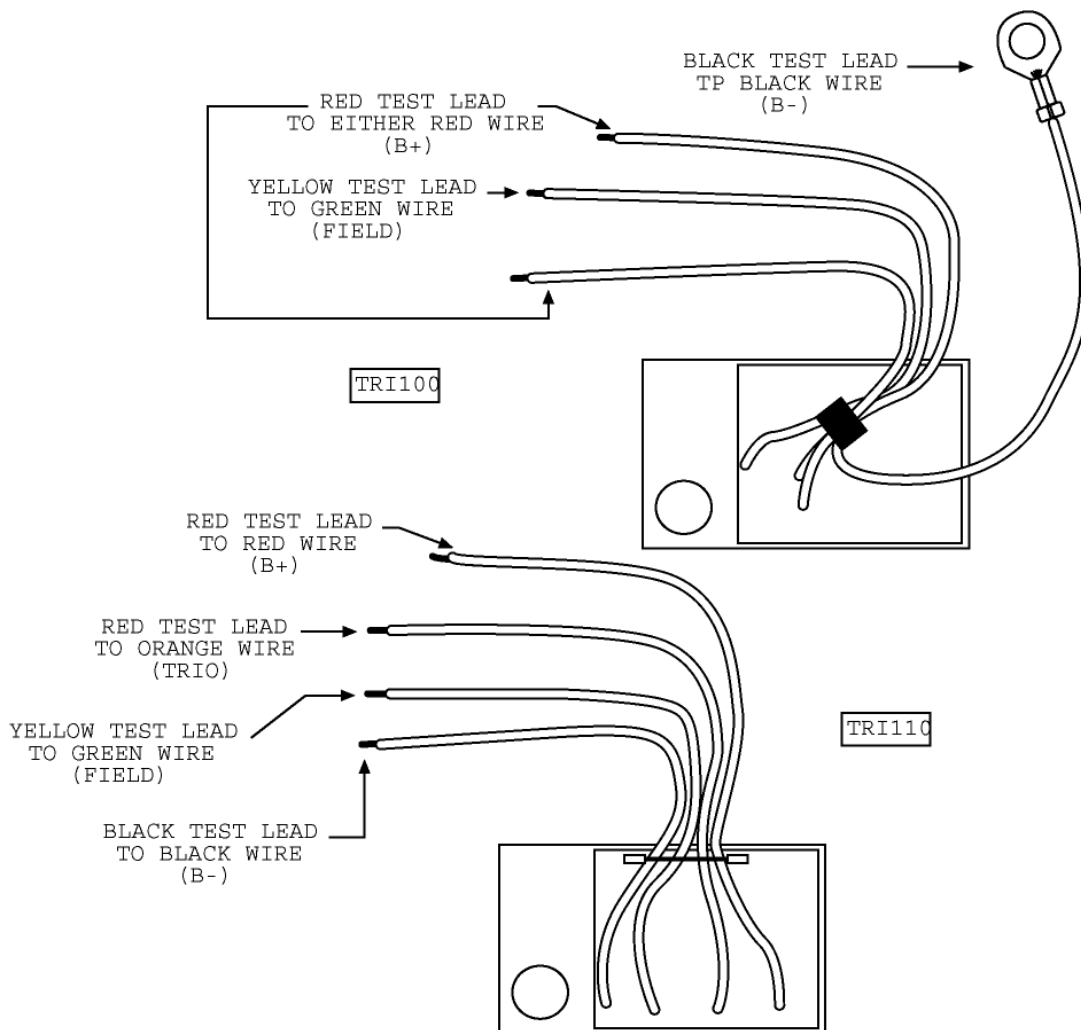


# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>TRI100</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>TRI110</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI300E	A	12	14.2	TRI406	A	12	14.4
TRI400S	A	12	14.5	TRI410	A	12	14.6
TRI400R	A	12	14.5	TRI420	A	12	14.6
TRI405	A	12	14.4	TRI421	A	12	14.6

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

### 3. ADDITIONAL

TEST: TESTER CONNECTION CHART  
B-RED TEST RED (B+)  
S-RED TEST LEAD (SENSE)  
R-RED TEST LEAD (IG)  
T-RES TEST LEAD (TRIO)  
F-YELLOW TEST LEAD (FLD)  
L-RED TEST LEAD (INDICATOR LIGHT)

NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PAGE TRI-04 FOR REGULATOR'S DIAGRAM**

## TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>TRI422</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				
<b>TRI430</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
  
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
  
3. **ADDITIONAL TEST:** TESTER CONNECTION CHART  
 B-RED TEST RED (B+)  
 S-RED TEST LEAD (SENSE)  
 R-RED TEST LEAD (IG)  
 T-RED TEST LEAD (TRIO)  
 F-YELLOW TEST LEAD (FLD)  
 L-RED TEST LEAD (INDICATOR LIGHT)

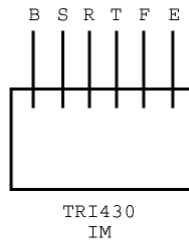
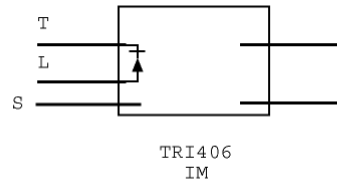
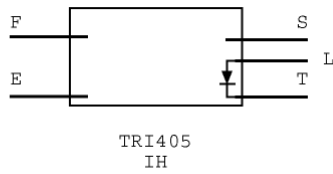
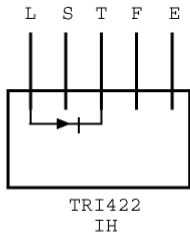
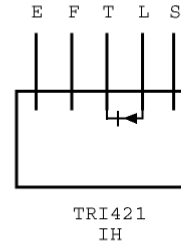
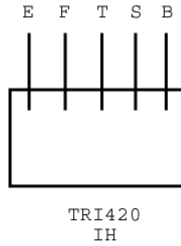
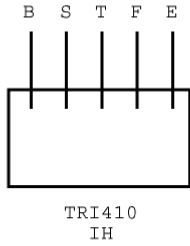
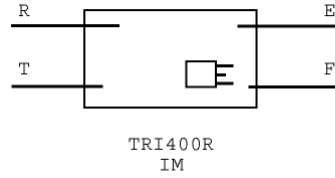
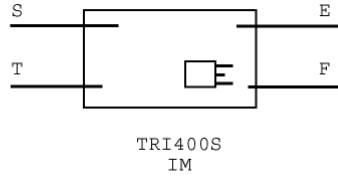
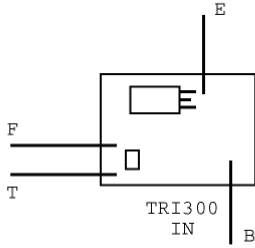
NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PAGE TRI-04 FOR REGULATOR'S DIAGRAM**

# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators



## TRANSPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI219	A	12	14.5	TRI224	A	12	14.5
TRI220	A	12	14.5	TRI225	A	12	14.5
TRI221	A	12	14.5	TRI226	A	12	14.5
TRI222	A	12	14.5	TRI227	A	12	14.5

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PAGE TRI-07 FOR REGULATOR'S DIAGRAM**



## TRANSPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI250	A	12	14.5	TRI254	A	12	14.5
TRI251	A	12	14.5	TRI255	A	12	14.5
TRI252	A	12	14.5				
TRI253	A	12	14.5				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:**

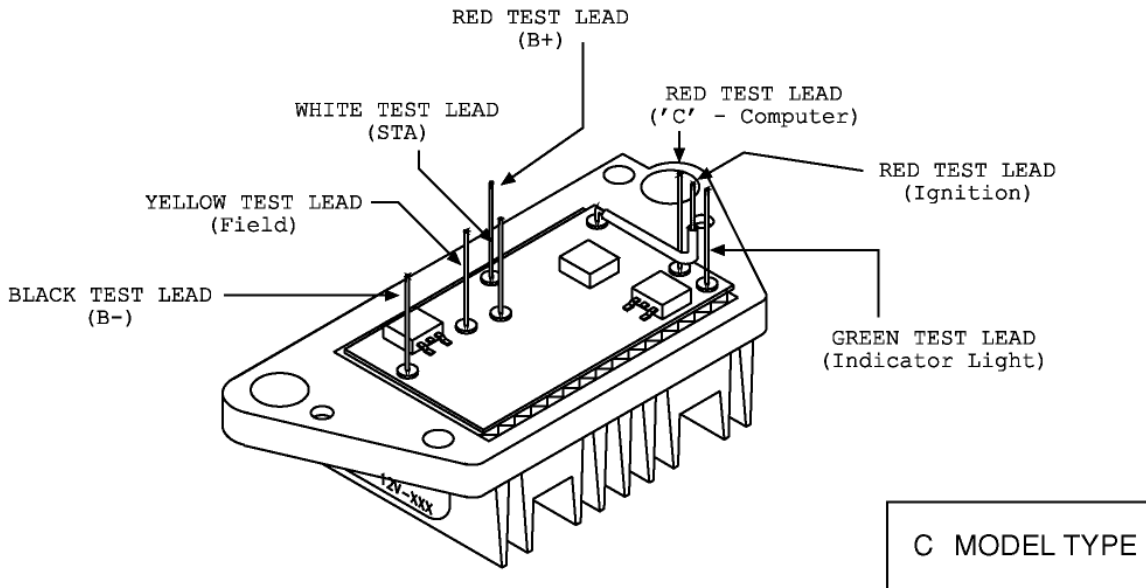
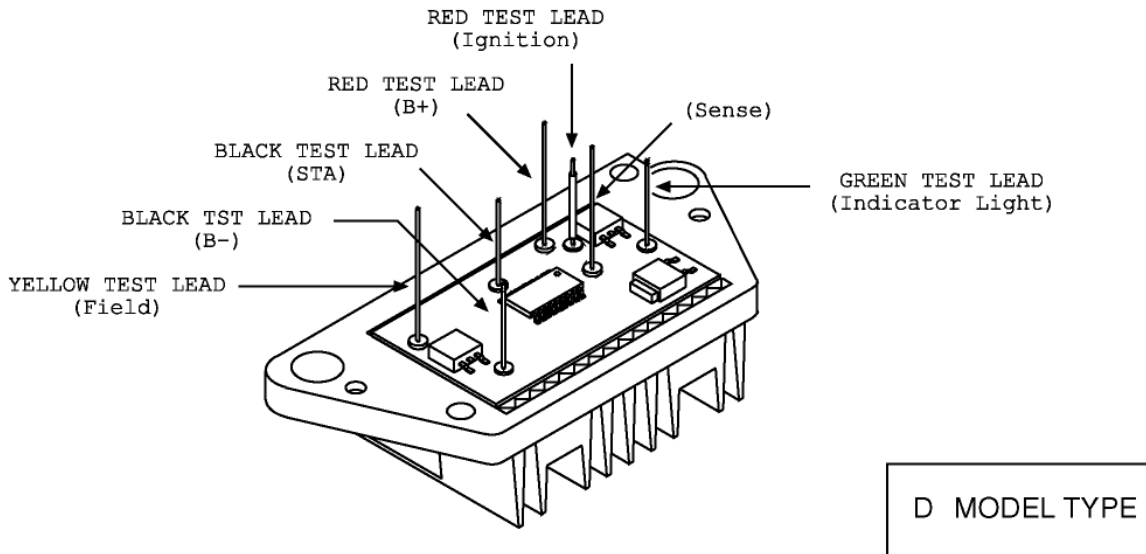
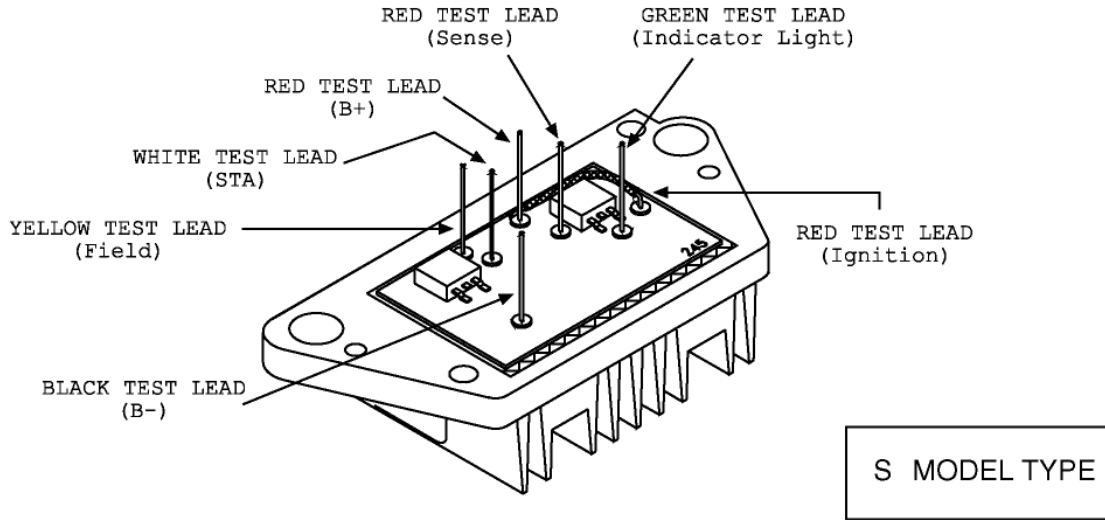
NOTE: Regulators shown with circuit up (Epoxy side)

NOTE: After repair circuit installation, refer to complete regulator assembly procedure.

**REFER TO PAGE TRI-07 FOR REGULATOR'S DIAGRAM**

# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

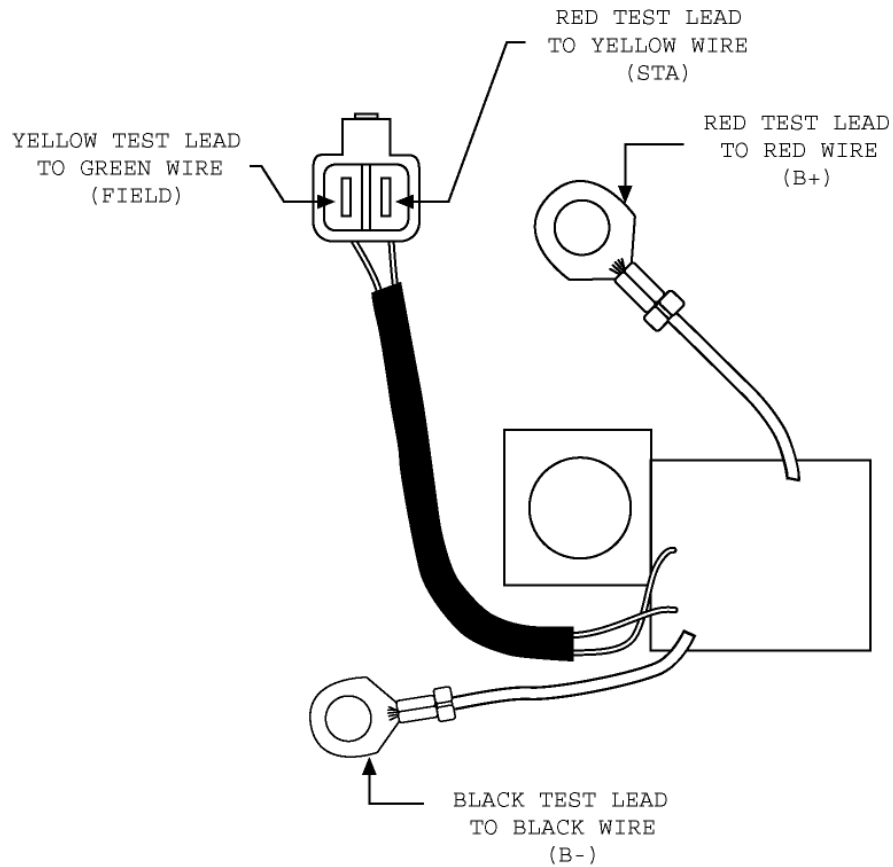


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI10DN	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove white test lead from regulator's connection marked "STA". Field lamp should turn off and the meter will indicate 12V.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>TRI268</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				
<b>TRI270</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

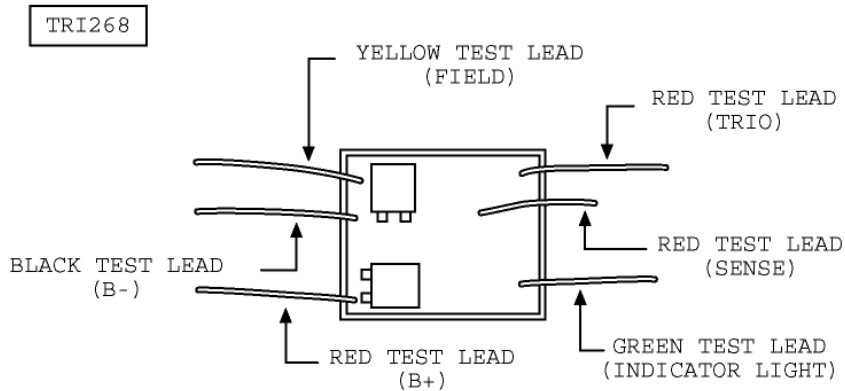
**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

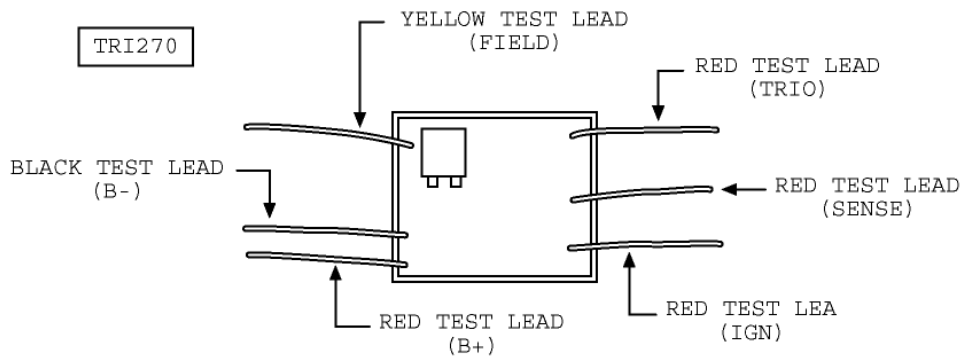
**3. ADDITIONAL**

**TEST:** TESTER CONNECTION CHART NOTE: This instruction does not apply to TRI270  
 B-RED TEST RED (B+)  
 I-GREEN TEST LEAD (I.L.)  
 T-RED TEST LEAD (TRIO)  
 E-BLACK TEST LEAD (B-)  
 F-YELLOW TEST LEAD (FLD)  
 A-RED TEST LEAD (SENSE)

NOTE: Instruction #3 Does not apply to TRI270



**\* Note: Instruction #3 Does not apply to TRI270**

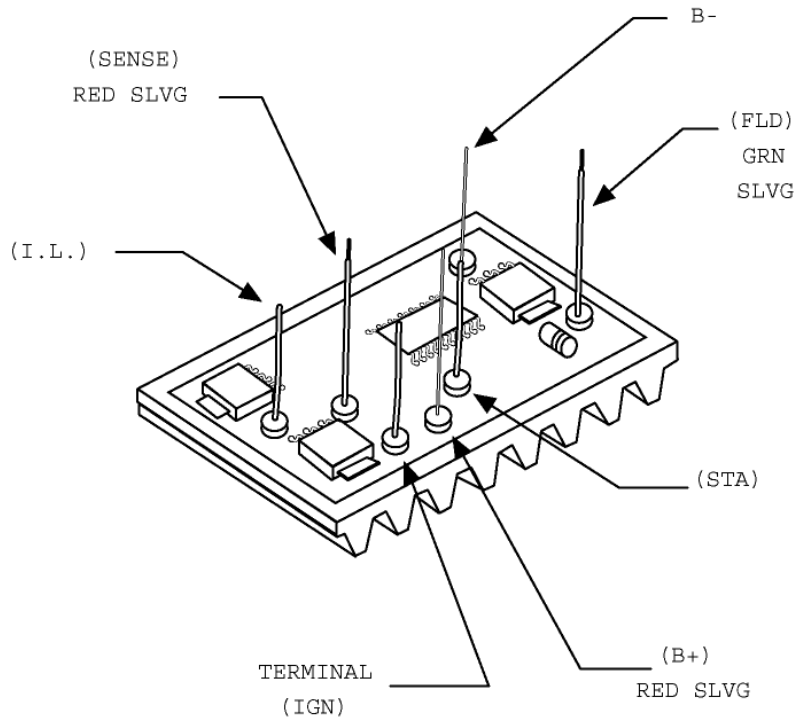


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>TRI247</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white test lead from wire marked "STA". Indicator light should turn on, field lamp will remain on and the meter will indicate 12V. Remove red test lead from wire marked "IG". Field lamp should turn off.

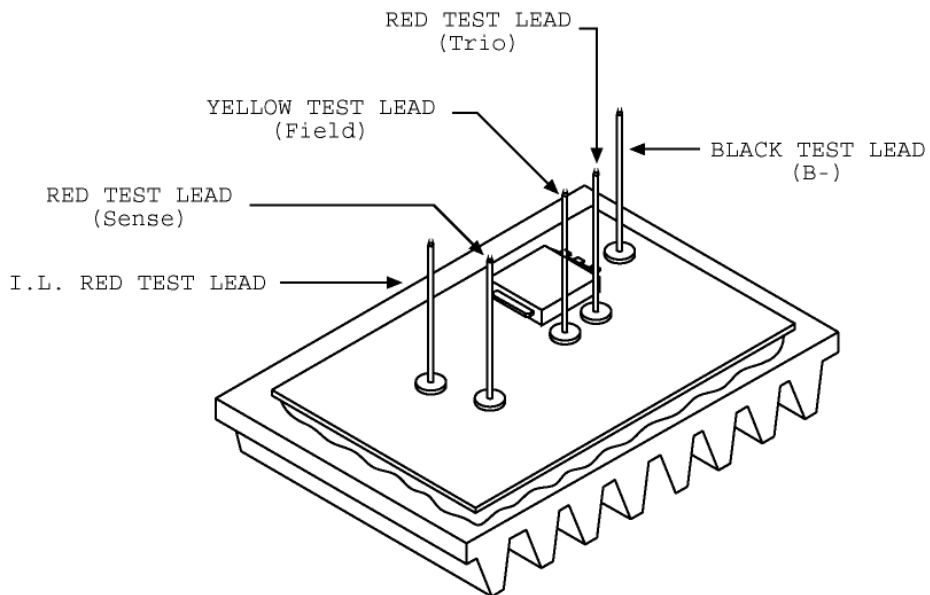


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI248	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

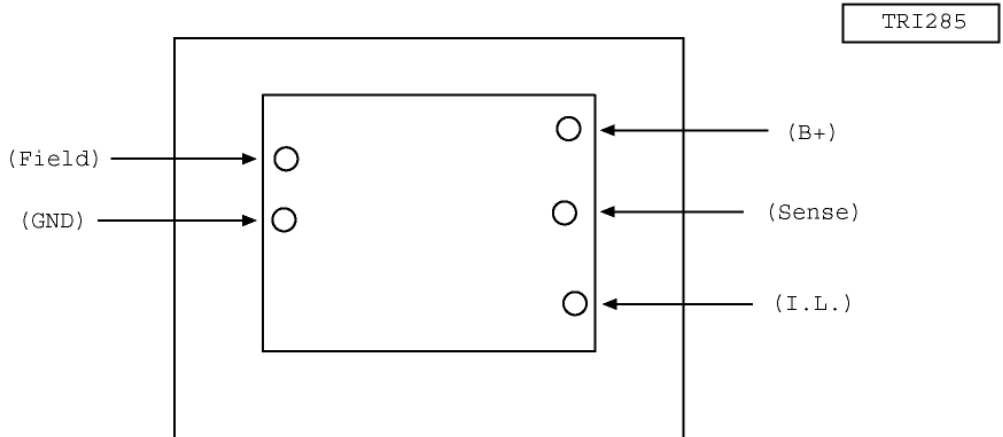
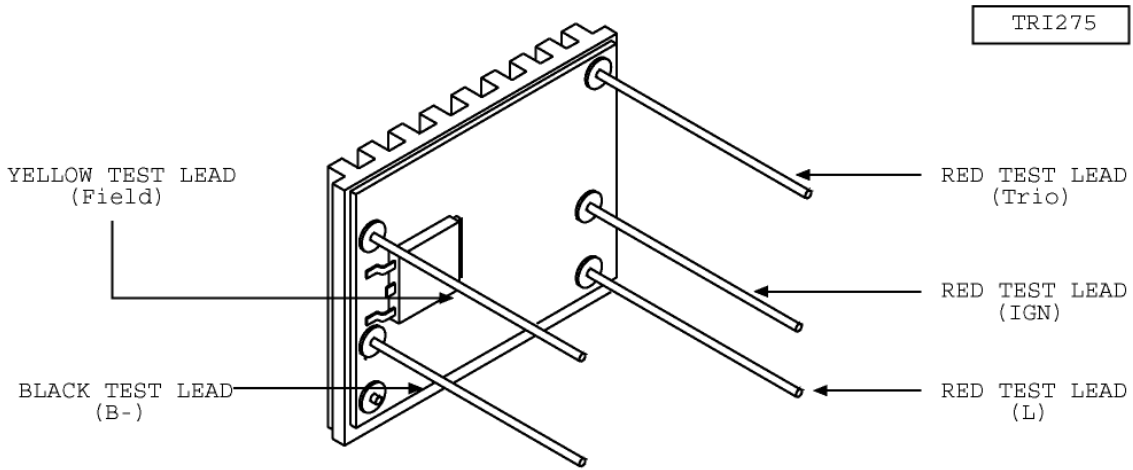


# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI275	A	12	14.5				
TRI285	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

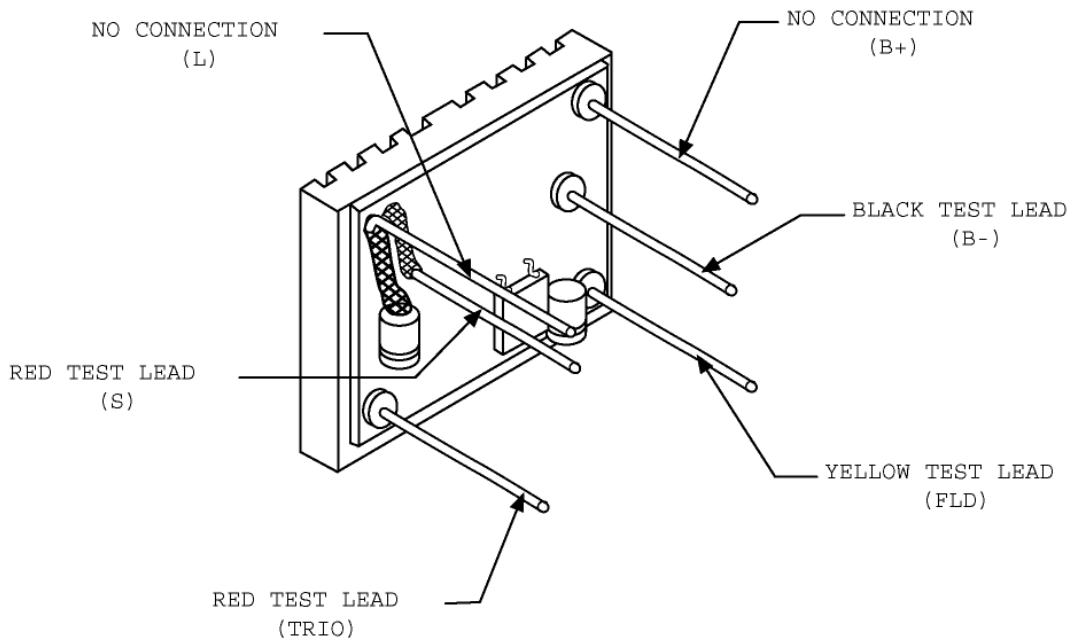


# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>TRI278</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove red test lead from the wire marked as "S". Field lamp should still blink and the meter will indicate approximately 15.5V.



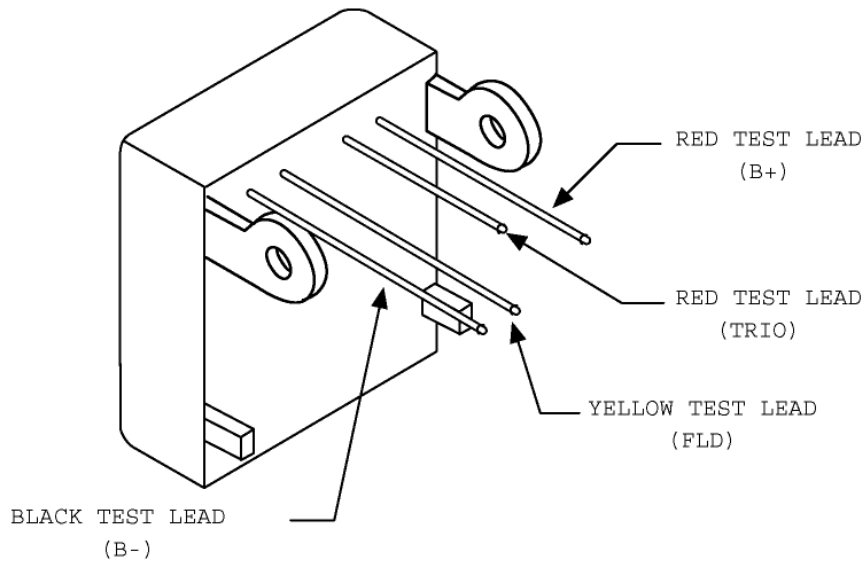


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI233	A	24	27.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

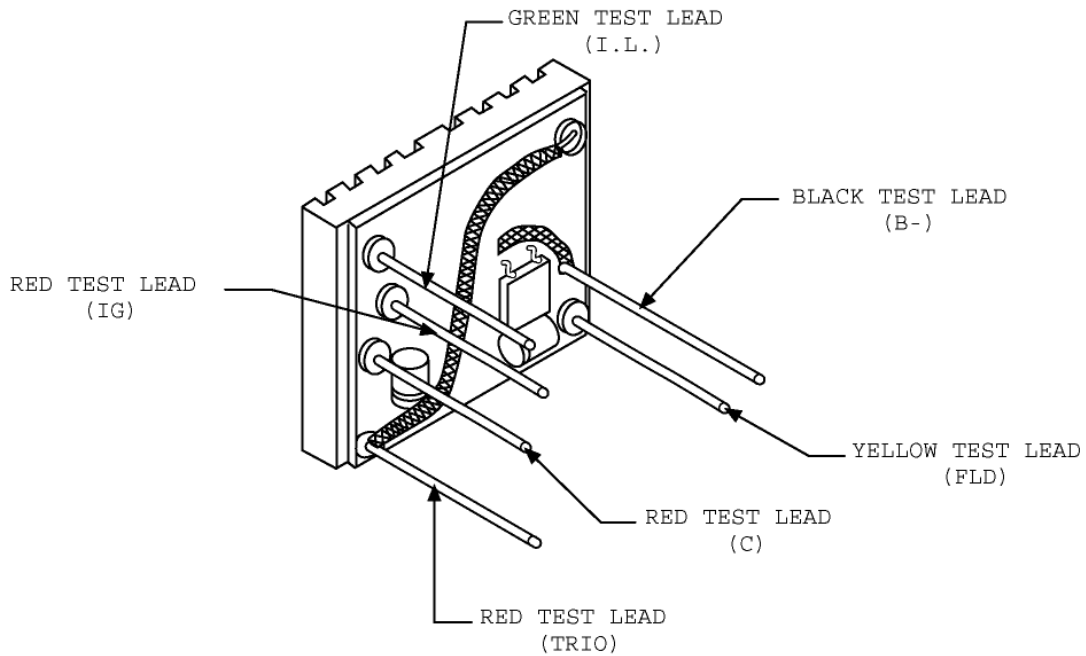


# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI267	A	12	14.5				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from the wire marked as "C" and connect a black test lead to the "C" terminal. Field lamp should still blink and the meter will indicate approximately 12.5v.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

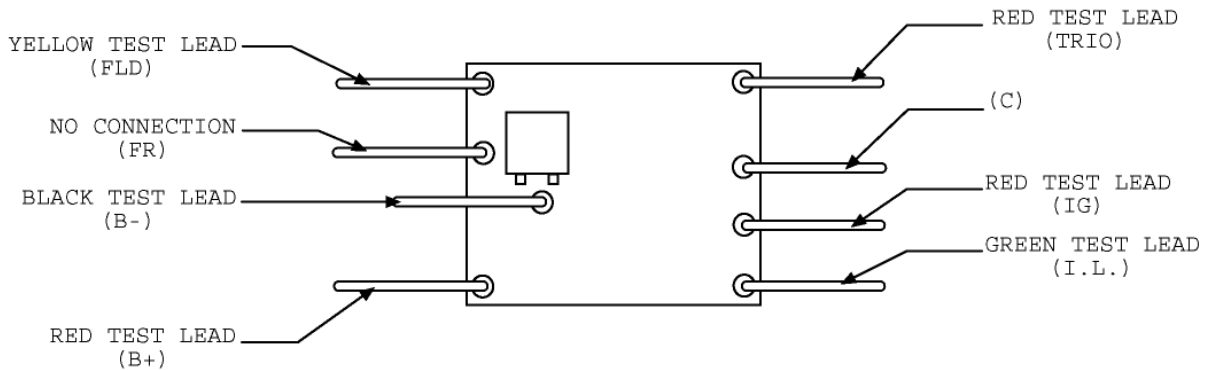
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI839	A	12	14.4				
TRI273	A	12	14.4				
TRI835	A	12	14.4				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

- TEST:**
1. Remove red test lead from terminal marked "TRIO". Field lamp should still blink, the meter will indicate the set point voltage and the indicator light will turn on.
  2. Reconnect red test to "TRIO". Connector a black test lead to terminal marked "C". Field lamp should still blink and the meter will indicate approximately 12.5v.

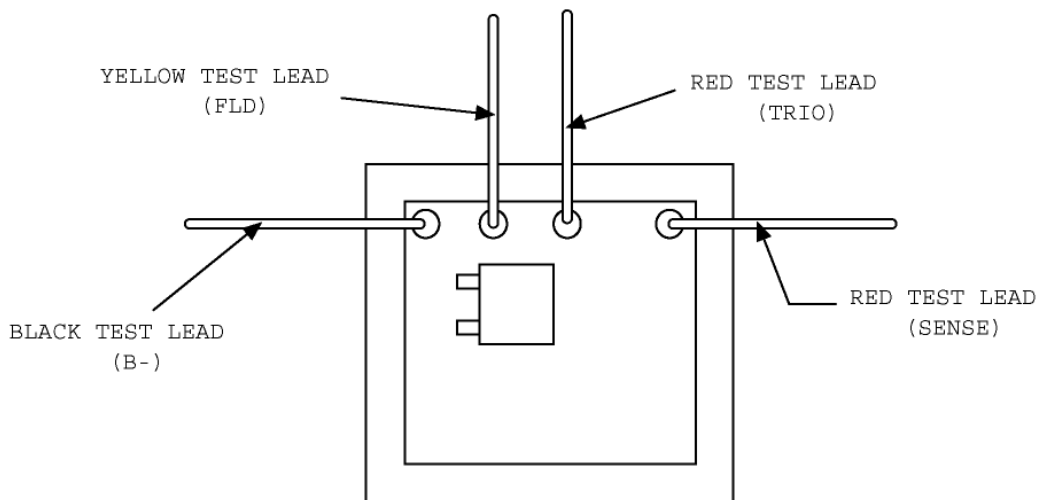


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI423	A	12	14.6				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "TRIO". Field lamp should still blink and the meter will indicate approximately 15.5v.

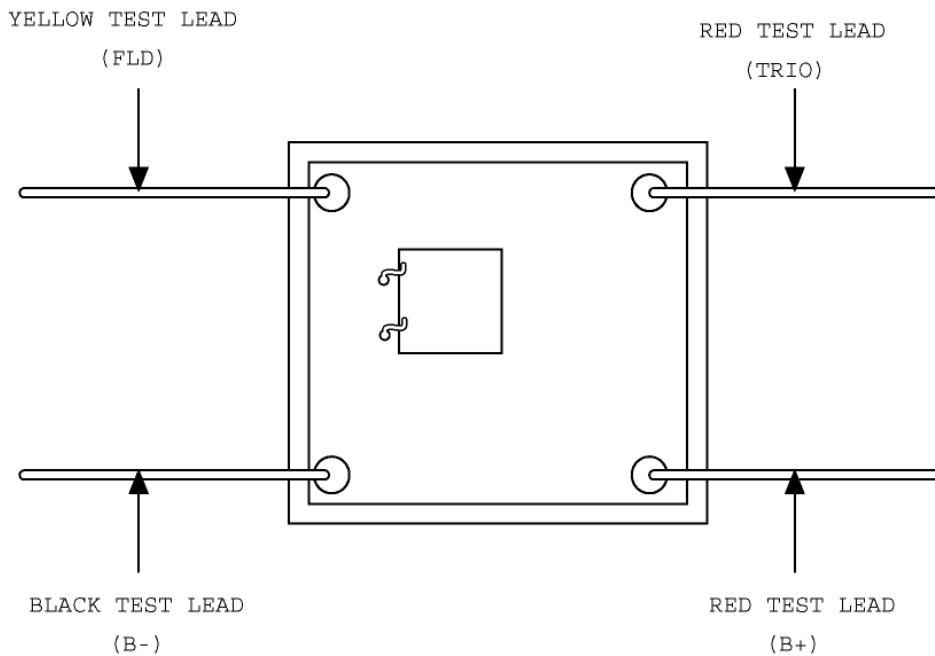


# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI283	A	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

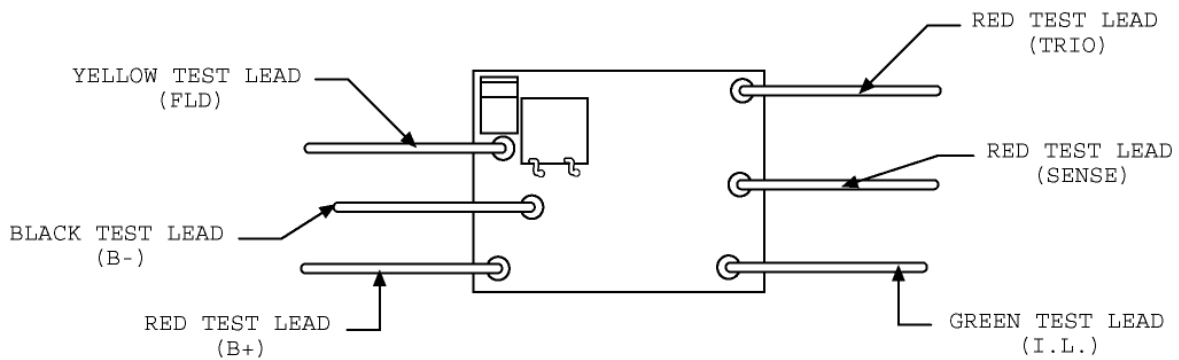


# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI271	A	12	14.5				
TRI276	A	12	14.4				
TRI836	A	12	14.4				
TRI837	A	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove the red test lead from the wire marked as "SENSE". The field light will still blink the meter will indicate from 15V. to 16V, and the indicator lamp will remain on.



# TRANSCO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

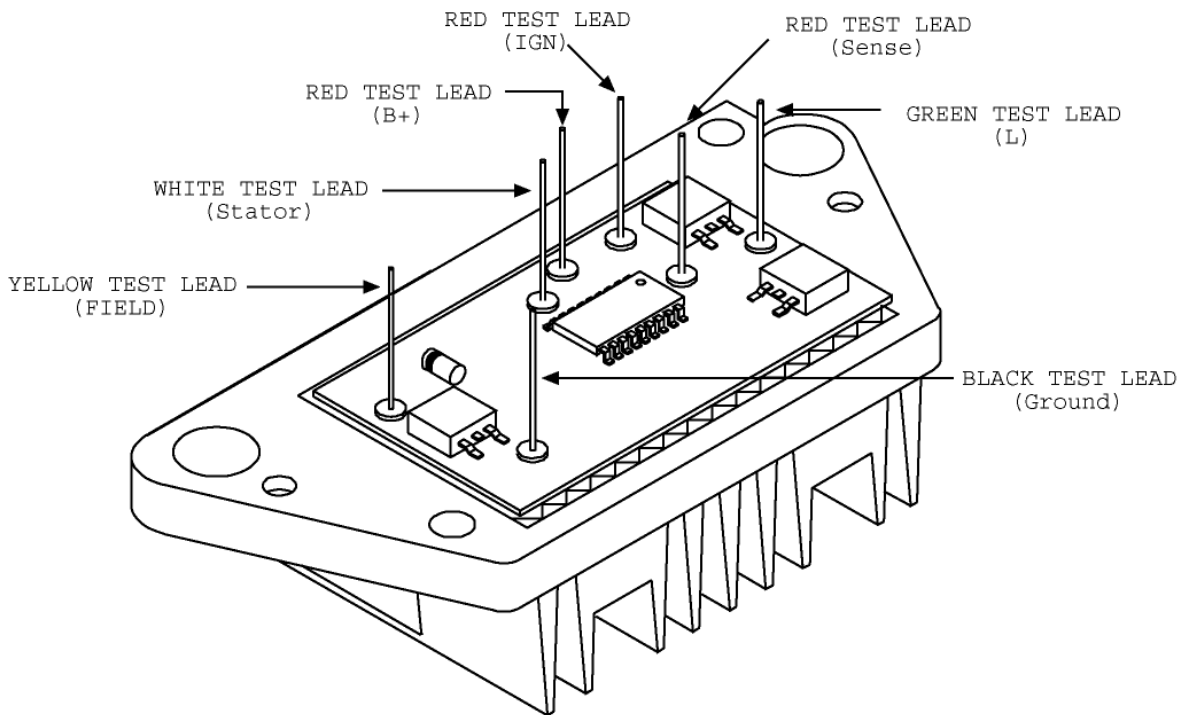
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>TRI257</b>	<b>A</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove white lead from terminal marked "stator". The indicator light will turn on and the meter will indicate approximately 12 volts and the field lamp will remain fully on.

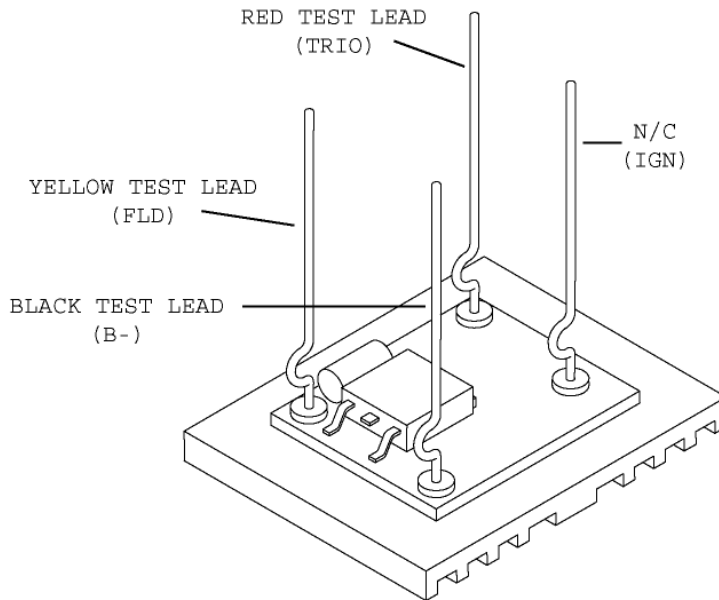


# TRANPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI232	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



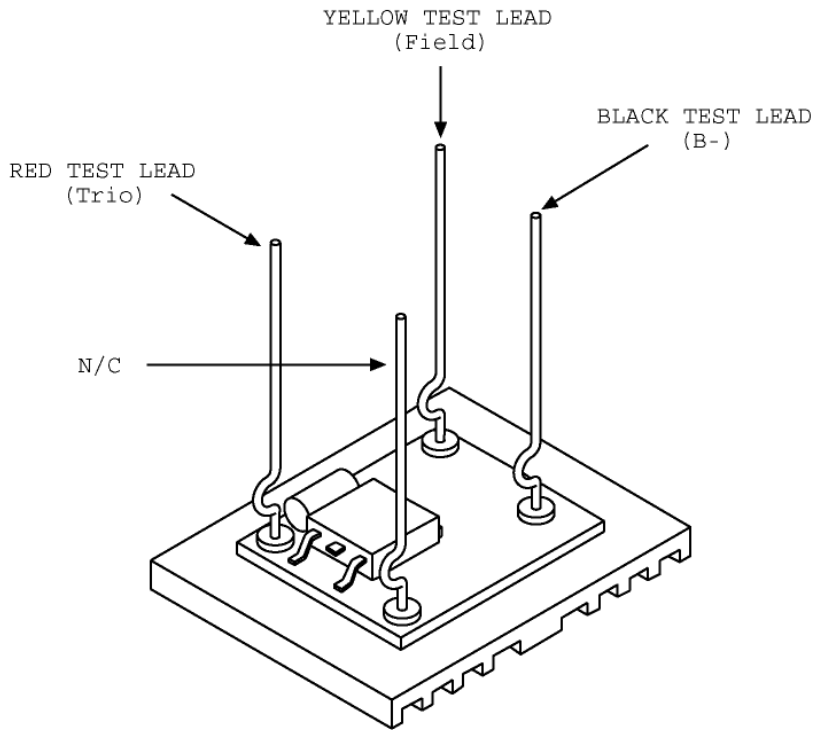


# TRANSPO TESTER INSTRUCTIONS

for TE REPAIR CIRCUIT type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
TRI232	A	12	14.3				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

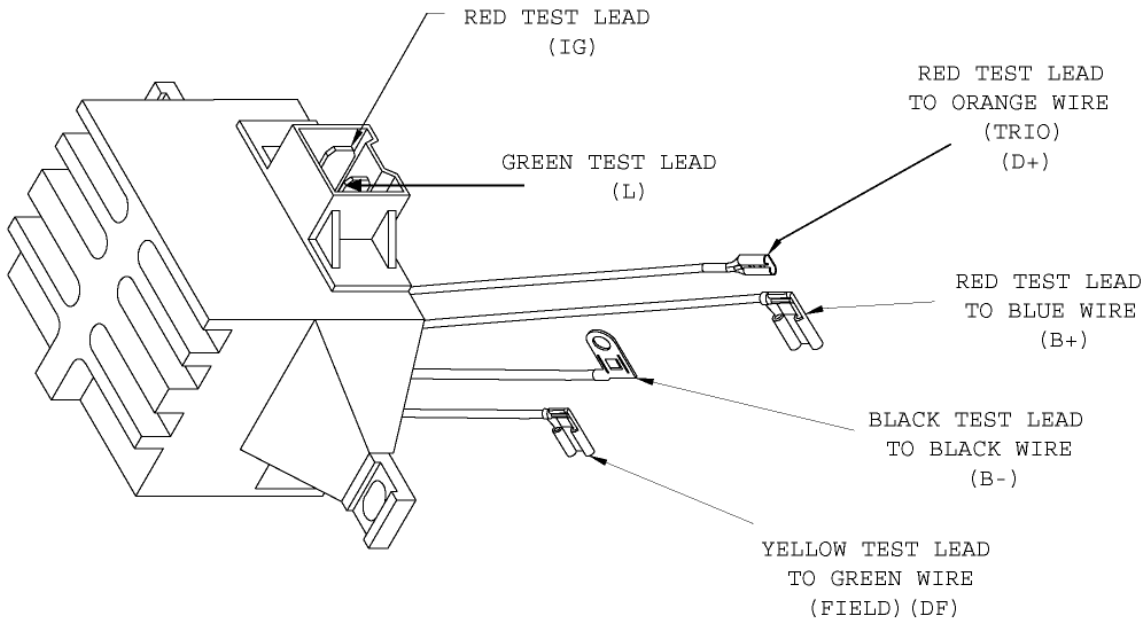


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-508</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

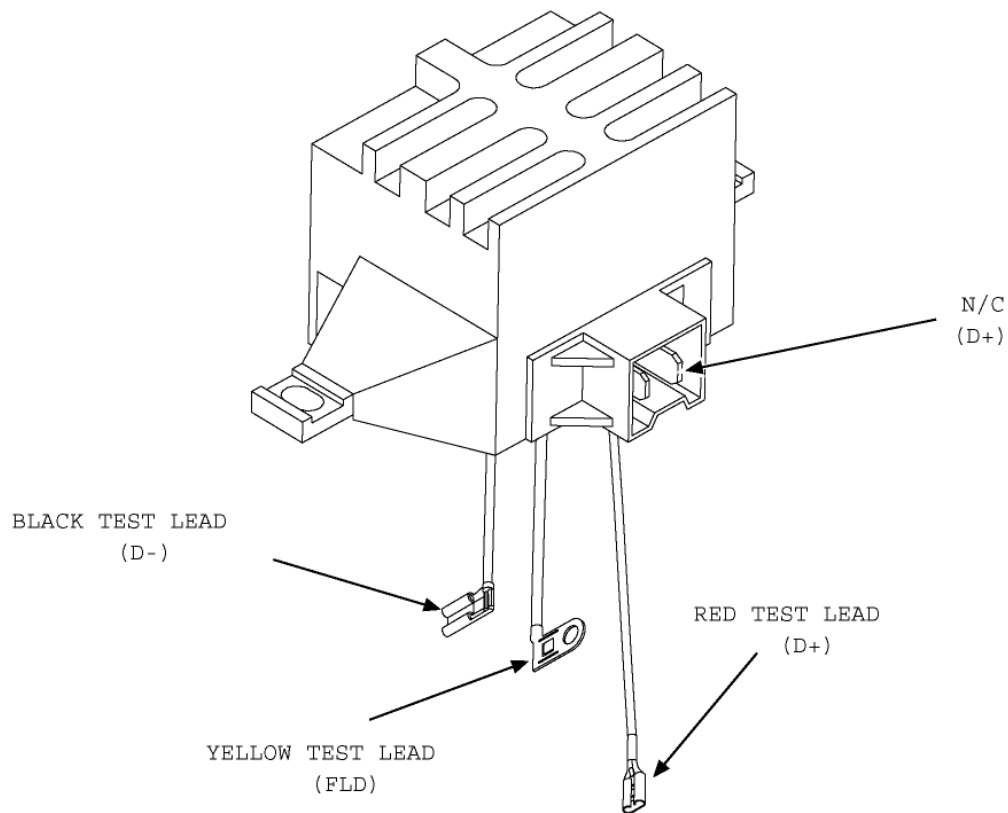


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-509</b>	<b>B</b>	<b>12</b>	<b>14.1</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

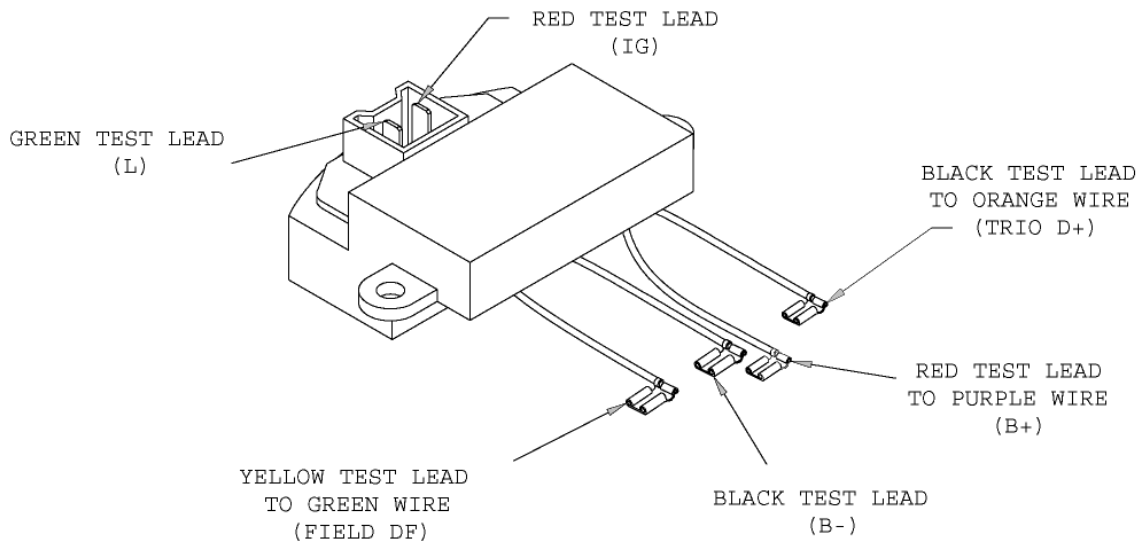


# TRANPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-515</b>	<b>B</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove black test lead from terminal marked "D+". Indicator will come on.

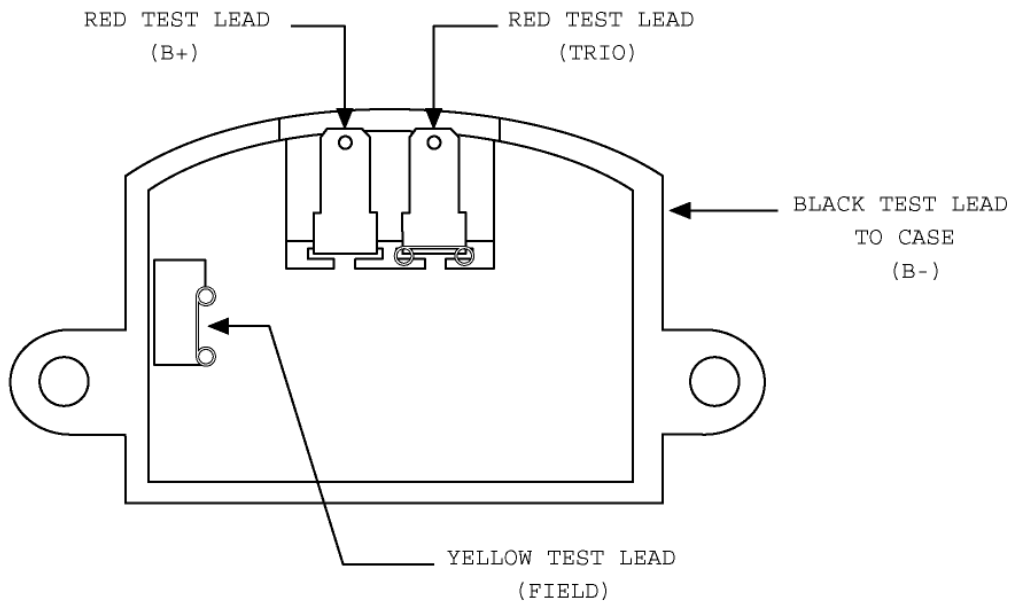


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-170A	B	12	14.4				
M5-742A	B	12	14.4				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

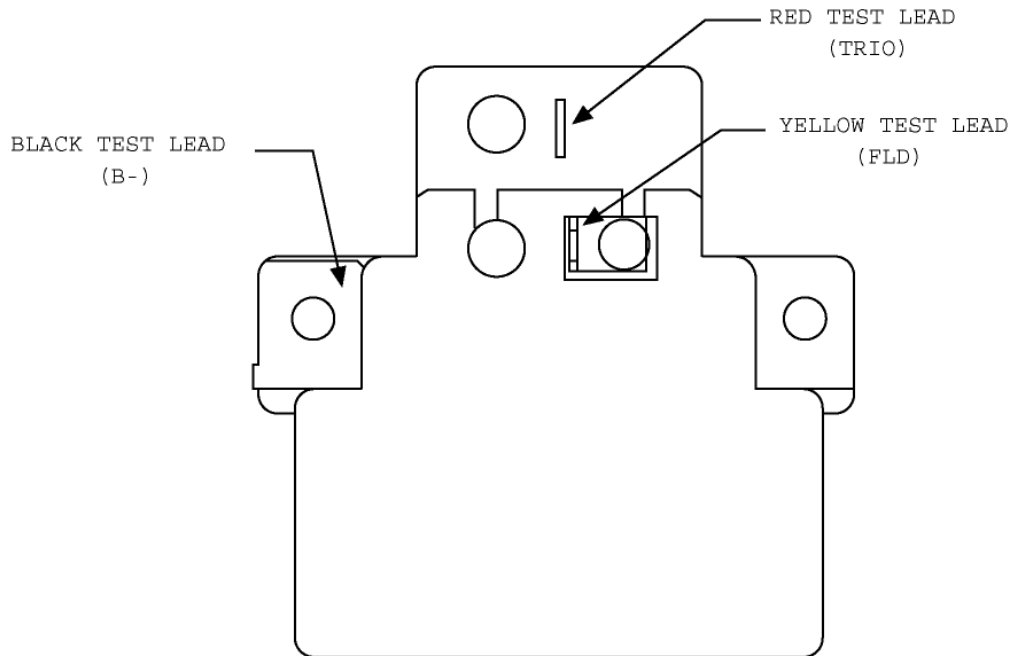


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-762</b>	<b>B</b>	<b>12</b>	<b>14.3</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

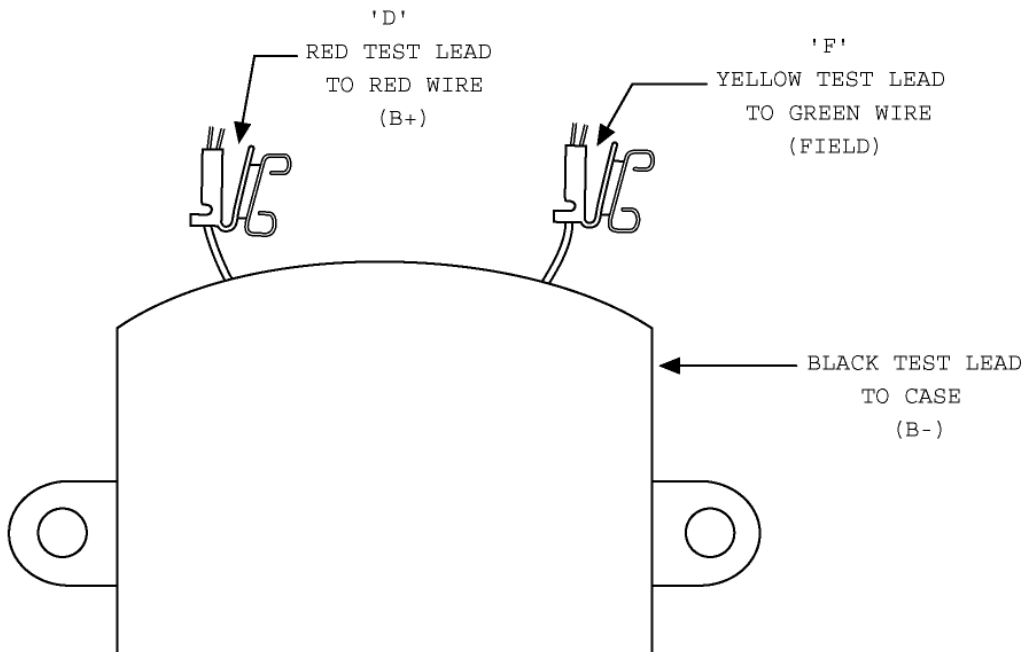


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
M5-180A	B	12	14.2				
M5-241A	B	12	14.2				
M5-763A	B	12	14.1				
M5-764A	B	12	14.2				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

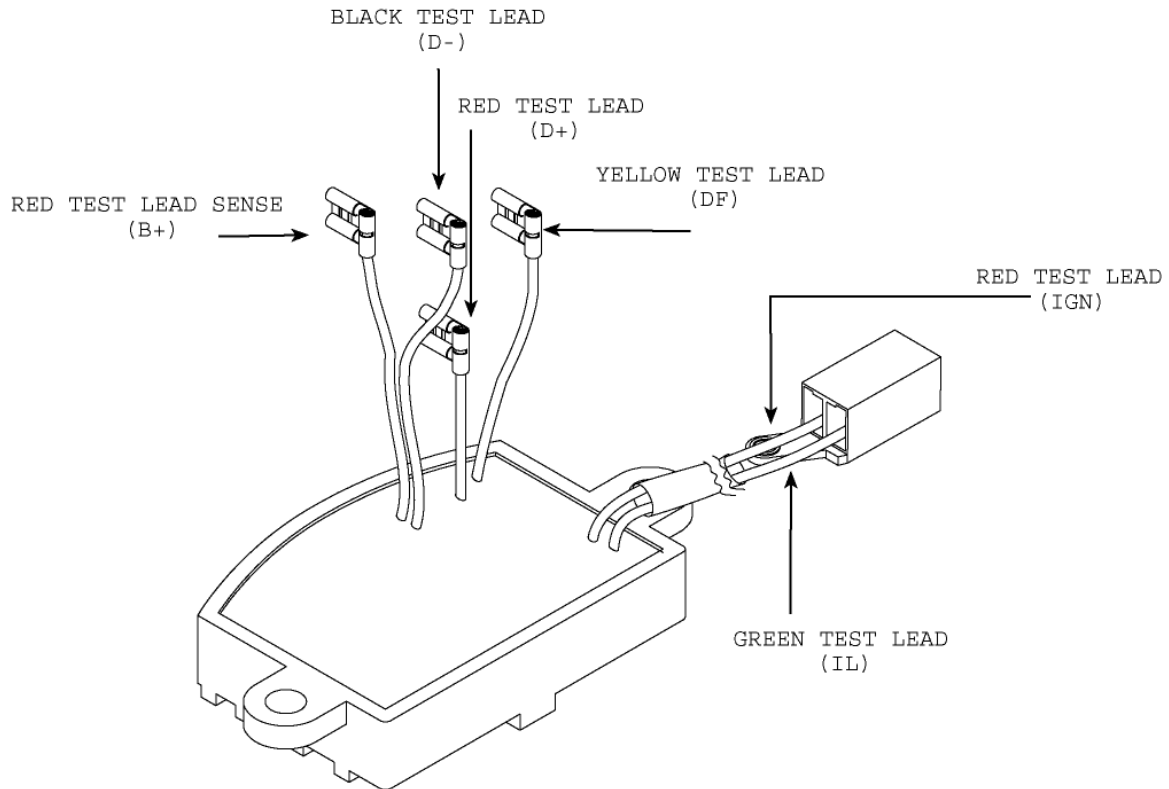


# TRANSCO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-768</b>	<b>B</b>	<b>12</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:** Remove red test lead from terminal marked "D+". Indicator light will come on.



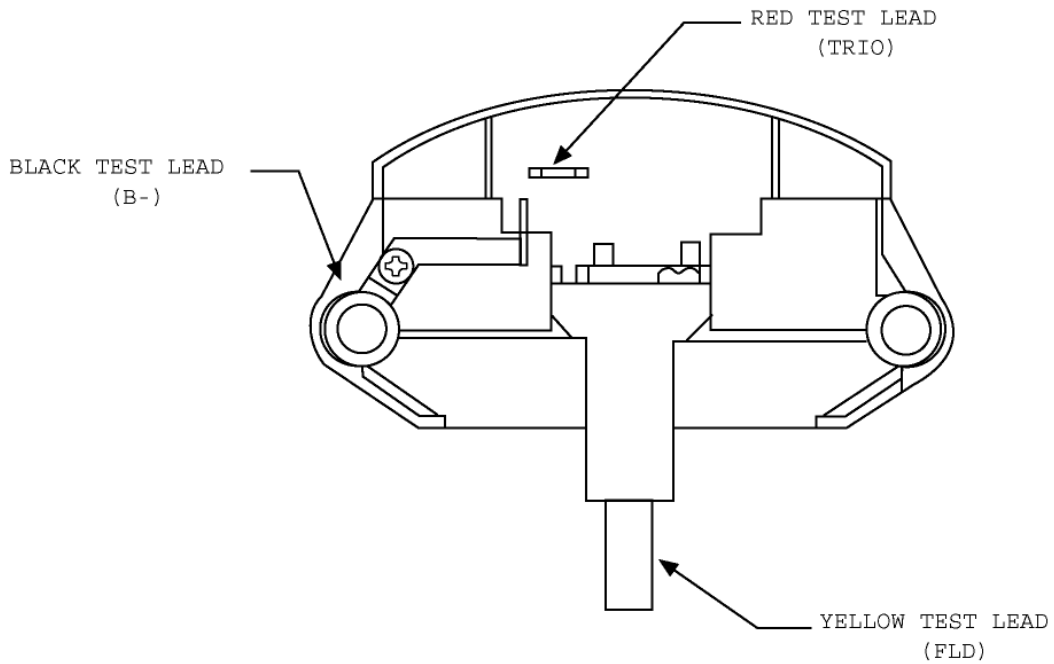


# TRANSCO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M506</b>	<b>A</b>	<b>12</b>	<b>15.0</b>				
<b>M508</b>	<b>A</b>	<b>12</b>	<b>15.0</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

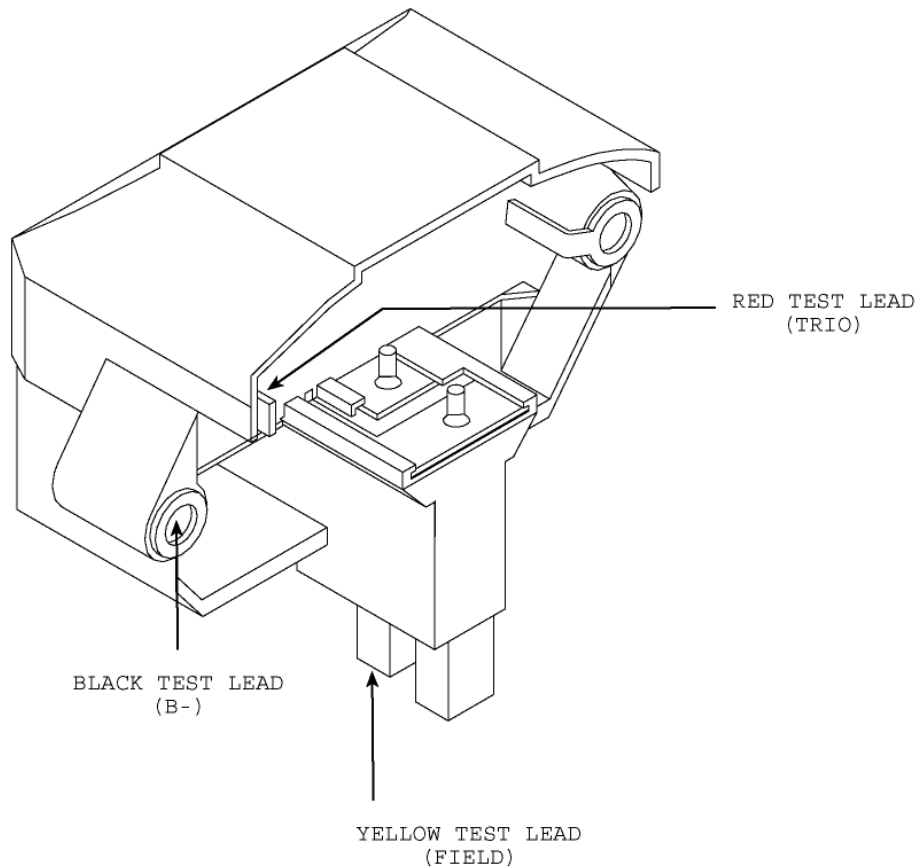


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M507</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

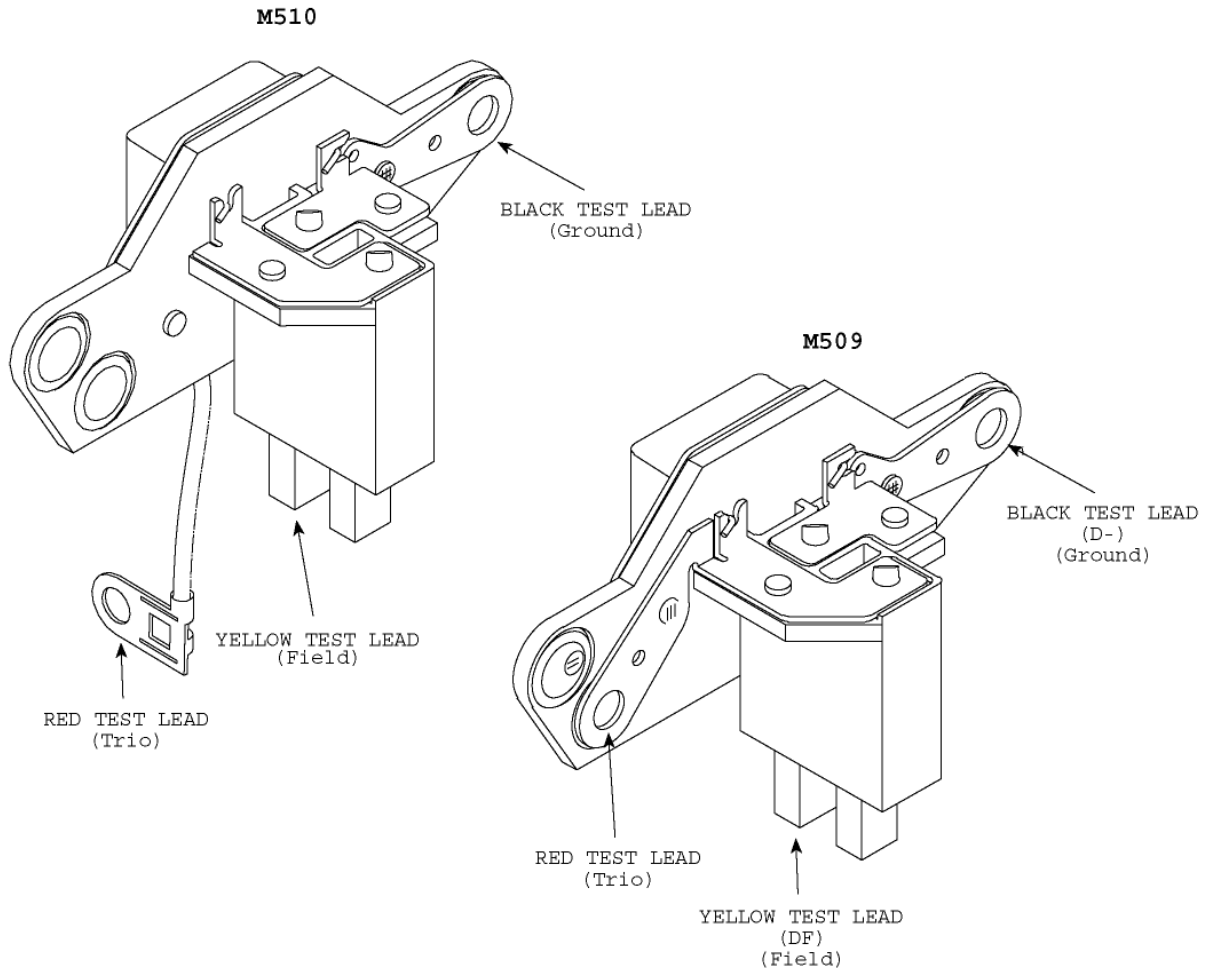


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M509</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				
<b>M510</b>	<b>A</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

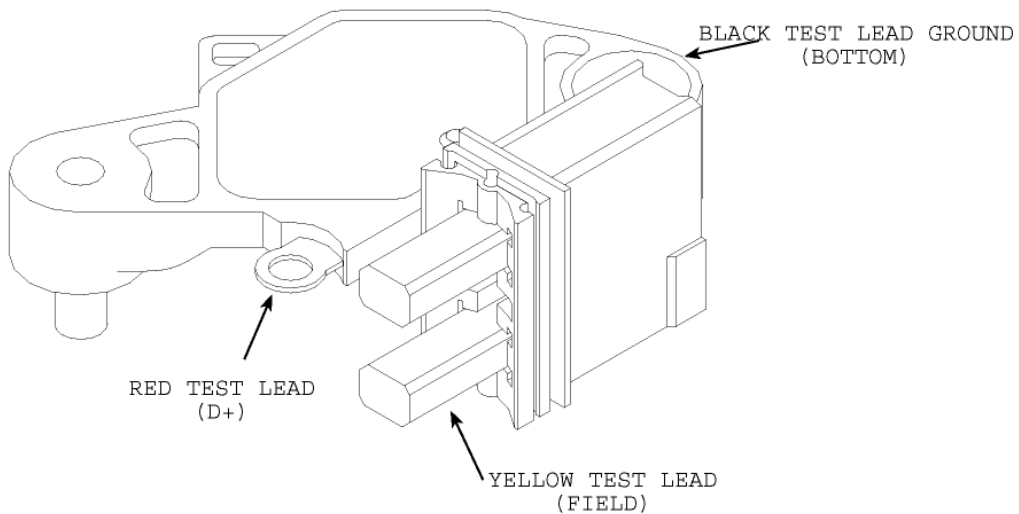


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M511</b>	<b>A</b>	<b>14</b>	<b>14.5</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**

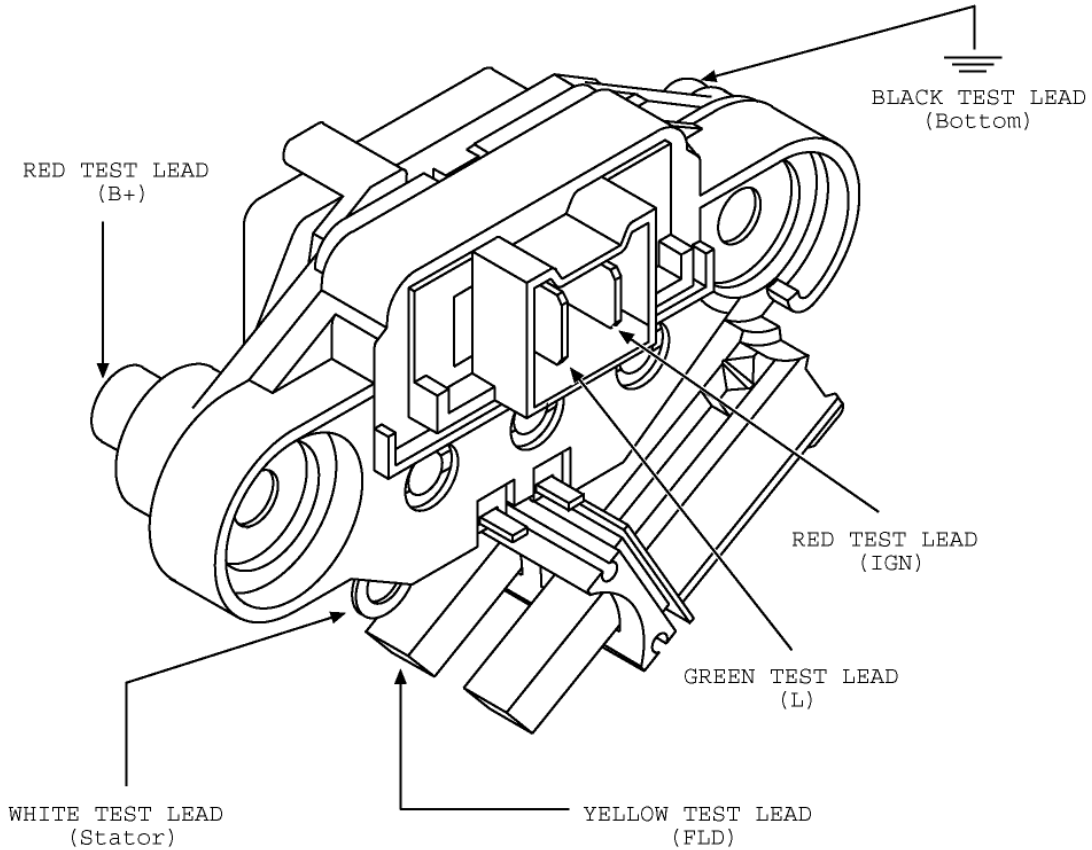


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M512</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white lead from stator and voltage should drop to 12.0v. lamp should come on. Field circuit lamp stays on.

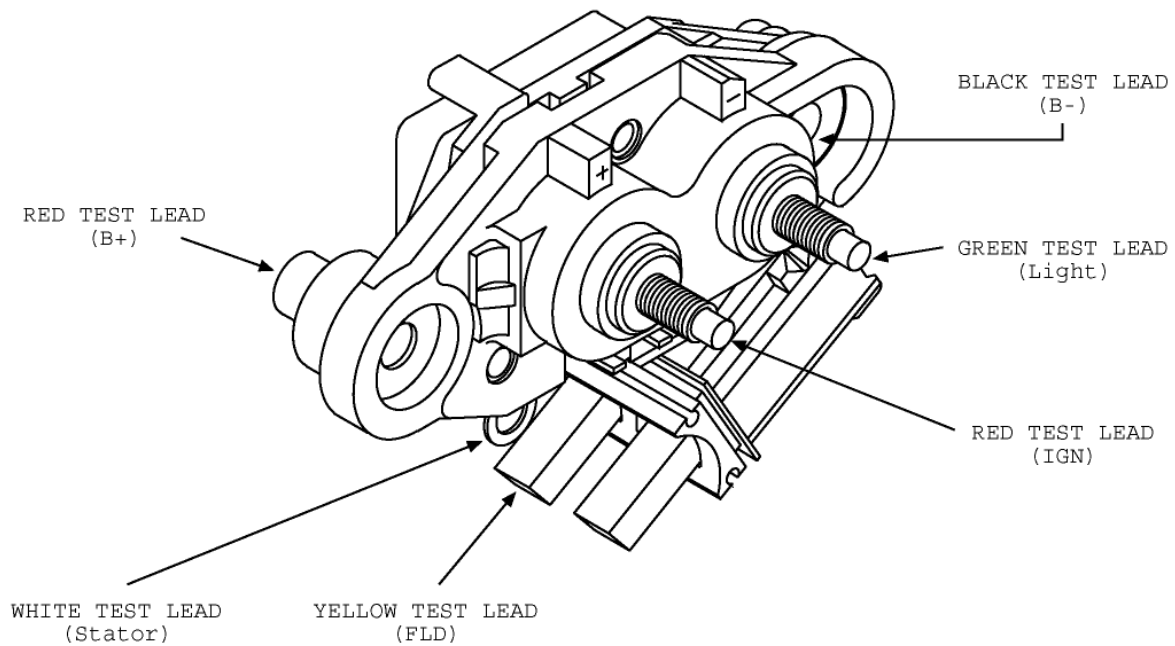


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M513</b>	<b>A</b>	<b>12</b>	<b>14.6</b>				

- 1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
- 2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
- 3. ADDITIONAL TEST:** Remove white lead from stator and voltage should drop to 12.0v and 12V lamp should come on. Field circuit lamp stays on.

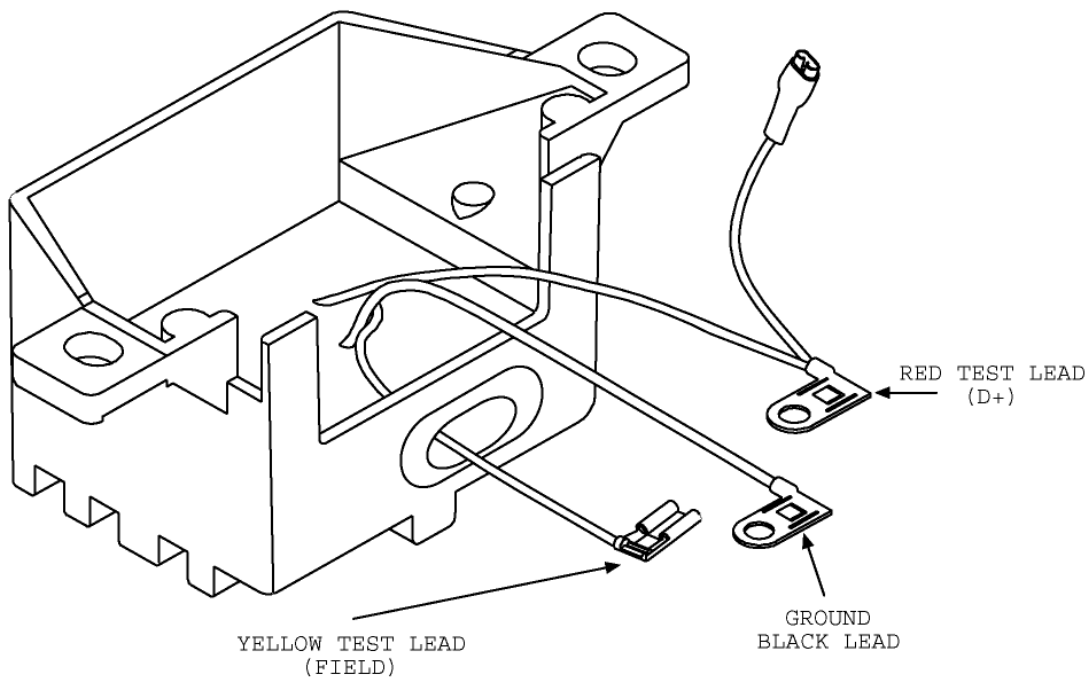


# TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M5-036</b>	<b>B</b>	<b>12</b>	<b>14.4</b>				

1. **POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.
2. **POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.
3. **ADDITIONAL TEST:**



## TRANSPO TESTER INSTRUCTIONS

for VALEO / MOTOROLA type regulators

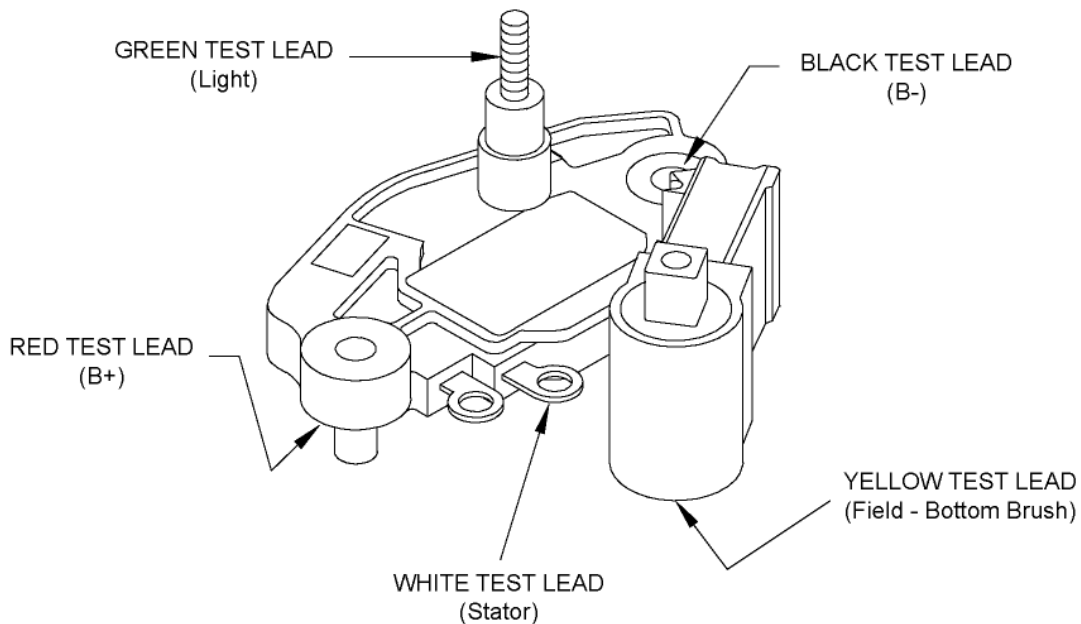
PART NO.	FLD	VOLT	SET POINT	PART NO.	FLD	VOLT	SET POINT
<b>M519</b>	<b>B</b>	<b>12</b>	<b>14.5</b>				

**1. POWER OFF:** Set "Voltage Range" and "FLD" switches to desired setting. Connect the voltage regulator as indicated in the diagram below.

**2. POWER ON:** Field lamp should blink and meter will indicate approximately the set point voltage indicated in the above table.

**3. ADDITIONAL**

**TEST:** Remove "White" lead from "Stator", meter will read 12.0 volts field light will come on and 12 volt lamp will come on. Remove "Lamp" terminal and field light will go out and lamp light will go out.





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