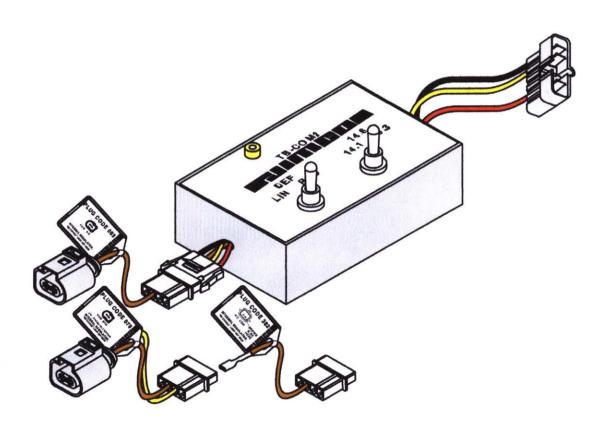
ALTERNATOR TEST LEAD PICTURE GUIDE



JIMCOTEST.COM

Why test leads?

A test bench without test leads is like pants without pockets - still functional but not very handy!

housings where possible, heavy duty wire and permanent I.D. tags. This means they fit what they should, will last, and you can find the one you need.

Another plus, **Little t** test leads are the ONLY ones called out in the industry approved alternator hook-up manual!

JIMCO, INC. 611 EAST WALNUT P.O. BOX 137 RAYMORE, MO 64083 USA PHONE 816-331-1917 800-821-7137 FAX 816-331-1971

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ALTERNATOR TEST LEAD FEATURES

 JIMCO'S Exclusive color coded I. D. tag system Standardized connector plug allows use with other brands of test benches



 Alternator plugs are made correctly for easy connection Easy to replace indicator light bulbs
 TB-SPA, SP2, UNI, W, 3G, 6G, 8S, 9S, 9C, 42S, 43S, 43C, 52S, 52C, 53S, 53C, 62, 62S, 63, 67, 75, 76, 77, 79C, 79S, 80, 81, 84, 85 and 88

 Diode frio load resistor TB-BM, M, VO, 48 and 57

For late model, interactive alternators, JIMCO offers both "SIMPLE" (basic operation) and "COMPLEX" (full function) test leads

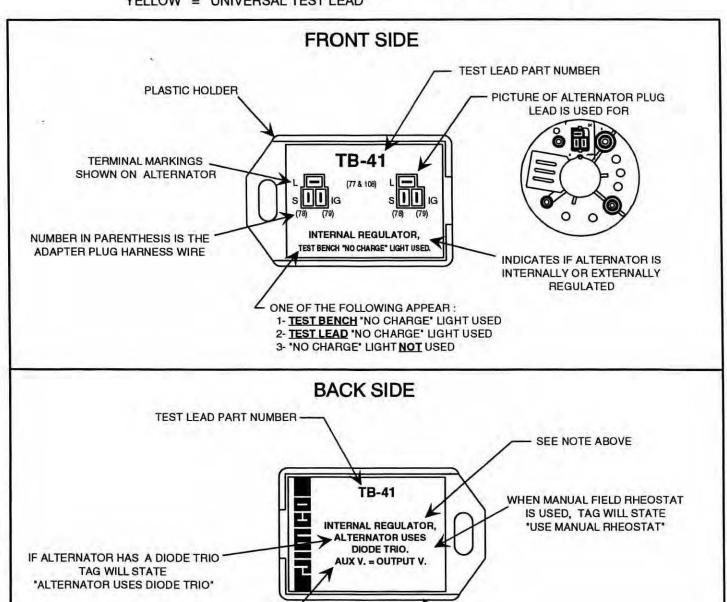
TB-8S or 53C, 9S or 9C, H or 10, 42S or 52C, 43S or 43C, 62S or 62, 79S or 79C, and 6G or 88

TAG COLOR DENOTES TYPE OF ALTERNATOR

WHITE = EXTERNAL REGULATOR, "A" CIRCUIT GREEN = EXTERNAL REGULATOR, "B" CIRCUIT

BLUE = INTERNAL REGULATOR, <u>TEST BENCH</u> "NO CHARGE" LIGHT ORANGE = INTERNAL REGULATOR, <u>TEST LEAD</u> "NO CHARGE" LIGHT PINK = INTERNAL REGULATOR, "NO CHARGE" LIGHT <u>NOT</u> USED

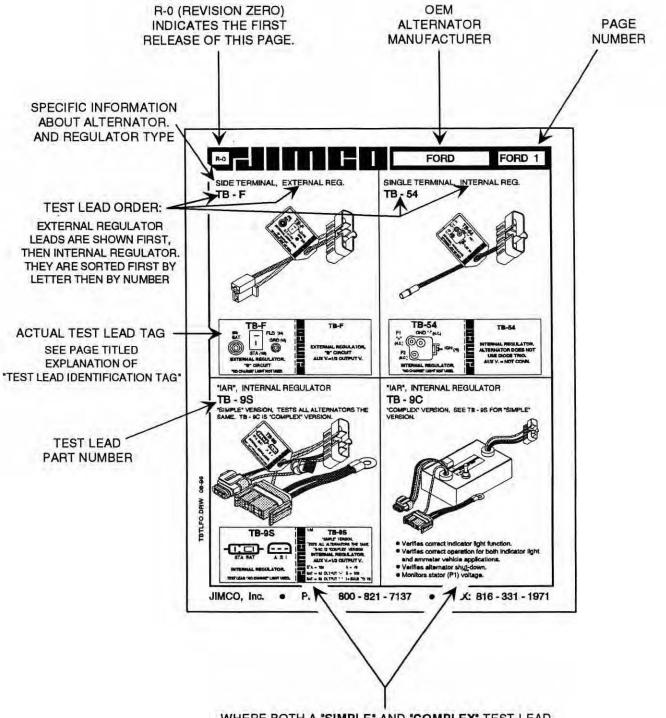
YELLOW = UNIVERSAL TEST LEAD



- PLASTIC HOLDER

INDICATES IF AUXILIARY VOLT METER IS CONNECTED AND IF SO, WHAT THE READING SHOULD BE

GUIDE TO TEST LEAD IDENTIFICATION PAGES

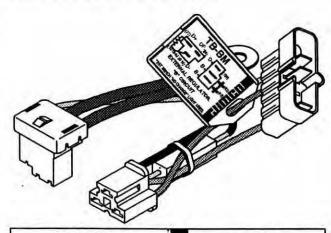


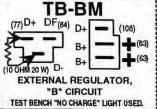
WHERE BOTH A "SIMPLE" AND "COMPLEX" TEST LEAD ARE AVAILABLE, THE "SIMPLE" VERSION WILL BE ON THE LEFT SIDE OF THE PAGE AND THE "COMPLEX" VERSION ON THE RIGHT SIDE



"PLUG-IN" (B+), EXTERNAL REGULATOR **TB - BM**

WITH DIODE TRIO LOAD RESISTOR





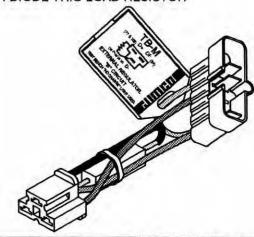
TB-BM

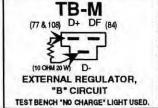
EXTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "D-" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

"THREADED POST" (B+), EXTERNAL REG. TB - M

WITH DIODE TRIO LOAD RESISTOR





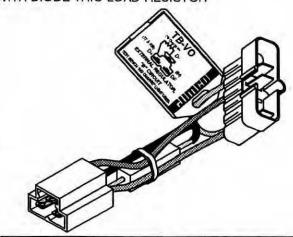
TB-M

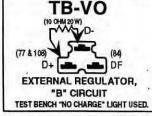
EXTERNAL REGULATOR,
"B" CIRCUIT
ALTERNATOR USES
DIODE TRIO
AUX V. = OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "D-" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

"VOLVO" TYPE, EXTERNAL REGULATOR TB - VO

WITH DIODE TRIO LOAD RESISTOR





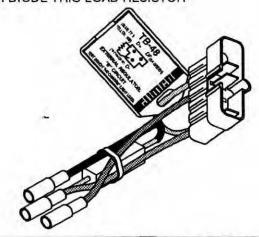
TB-VO

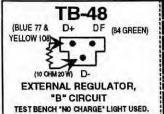
EXTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "D." TERMINAL AND GROUND, SHOULD BE 0 OHMS. "ROUND TERMINAL", EXTERNAL REG.

TB - 48

WITH DIODE TRIO LOAD RESISTOR





TB-48

EXTERNAL REGULATOR,
"B" CIRCUIT
ALTERNATOR USES
DIODE TRIO
AUX V. = OUTPUT V.

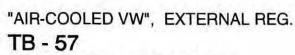
CHECK WITH OHMMETER BETWEEN ALTERNATOR "D-" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

JIMCO, Inc.

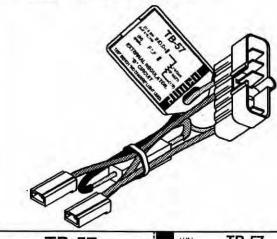
Phone: 800 - 821 - 7137

FAX: 816 - 331 - 1971





WITH DIODE TRIO LOAD RESISTOR



TB-57

IND

(77 & 108)

(N.C.)

I (SUE & 20 WATT)

F1 (SUE)

(10 OHM

20 WATT)

F1 (SUE)

(110)

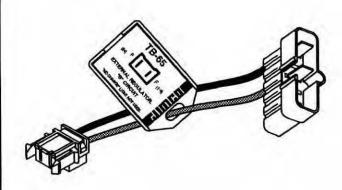
EXTERNAL REGULATOR,

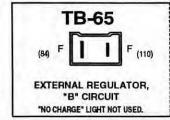
"B" CIRCUIT

TEST BENCH "NO CHARGE" LIGHT USED.

TB-57
EXTERNAL REGULATOR,
"B" CIRCUIT
AUX V. = OUTPUT V.
ALT. USES DIODE TRIO
USE LEAD TB -FC ON ALT. THAT
DOES NOT USE DIODE TRIO.
CHECK WITH OHMMETER BETWEEN
ALTERNATOR "E" TERMINAL AND
GROUND, SHOULD BE 0 OHMS.

"OMNI / HORIZON", EXTERNAL REG. **TB - 65**

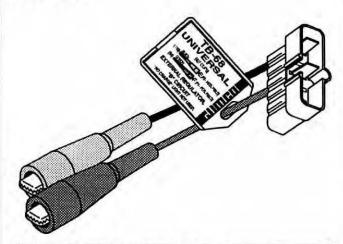


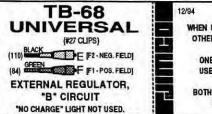


TB-65

EXTERNAL REGULATOR,
"B" CIRCUIT
AUX V.= NOT USED

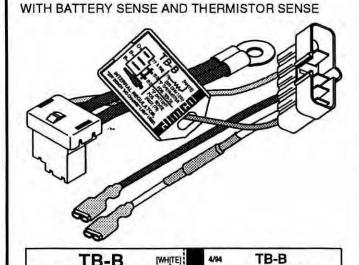
CHRYSLER, EXTERNAL REGULATOR TB - 68

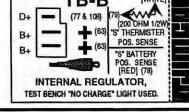




12/94 TB-68
WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;
ONE BRUSH GROUNDED,
USE GREEN WIRE ONLY.
— OR.—

— OR — BOTH BRUSHES INSLUATED, USE BOTH WRES. "PLUG-IN" (B+), INTERNAL REGULATOR ${f TB}$ - ${f B}$

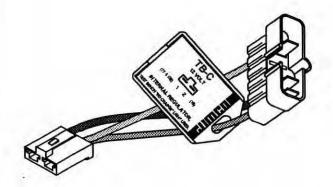




INTERNAL REGULATOR,
ALTERNATOR USES
DIODE TRIO
AUX V. = OUTPUT V.
REGULATOR WITH ORANGE WIRE:
CONNECT WHITE LEAD TO 'S'.
REGULATOR WITH WHITE WIRE:

CONNECT RED LEAD TO "S"

"DELCO REMY SI" TYPE, INTERNAL REG. TB - C

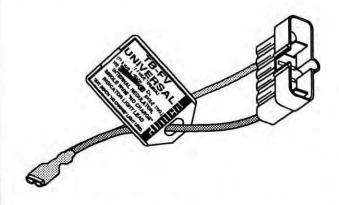


TB-C 12 VOLT INTERNAL REGULATOR, TEST BENCH "NO CHARGE" LIGHT USED.

TB-C

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = OUTPUT V. (USE TB-C24 FOR 24 VOLT)

"THREADED POST" (B+), INTERNAL REG. TB - FV



TB-FV

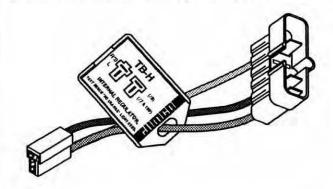
INTERNAL REGULATOR, SINGLE WIRE "NO CHARGE" INDICATOR LIGHT LEAD TEST BENCH "NO CHARGE" LIGHT USED. TB-FV

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.

"R" "L" AND "S" "L", INTERNAL REG.

TB - H

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 10 IS "COMPLEX" VERSION.

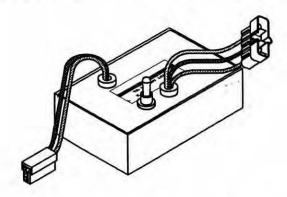


TB-H TB-H R/S INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V. INTERNAL REGULATOR. TEST BENCH 'NO CHARGE' LIGHT USED.

"R" "L", INTERNAL REG.

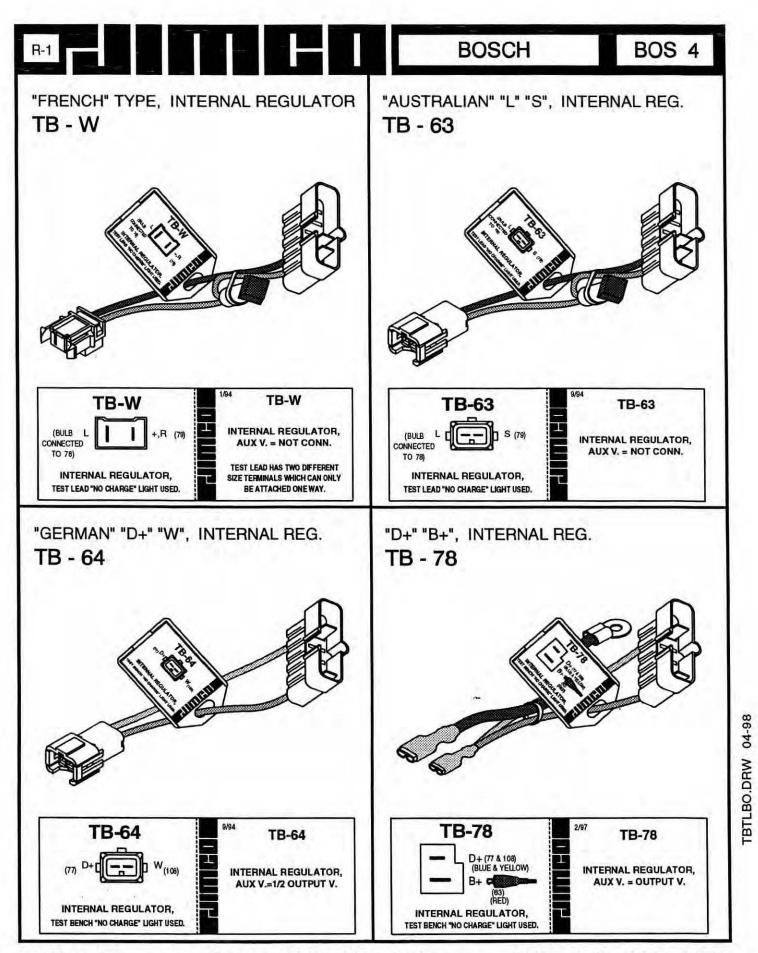
TB - 10

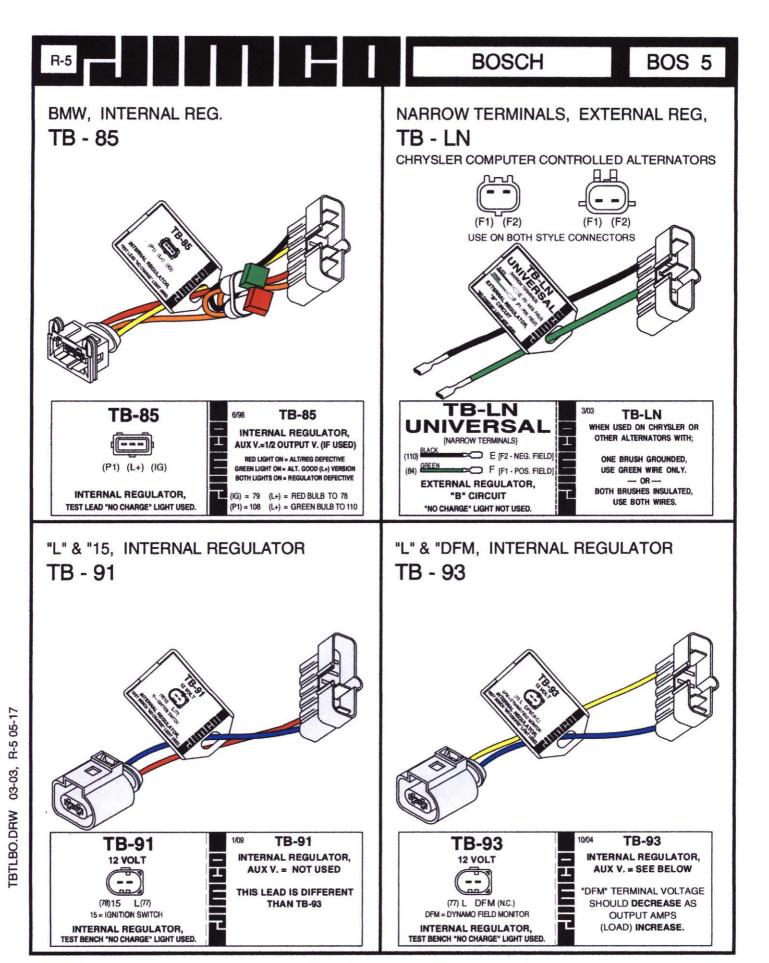
"COMPLEX" VERSION, SEE TB - H FOR "SIMPLE" VERSION.



- Verifies that alternator will excite through the "R" terminal only.
- Verifies correct "L" terminal function.
- Monitors diode trio voltage on the auxiliary
- Determines if anti-feedback diode is functional (when equipped).

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"S" & "DFM, INTERNAL REGULATOR-TB - 95 **TB-95 TB-95** 12 V USE AS IS **INTERNAL REGULATOR** 24 V MUST BE USED WITH TB-24V AUXILIARY VOLTMETER 1 3 4 5 WHEN CONNECTED TO THIS WIRE "1" (P1) = 1/2 OUTPUT V. 1 (108) 2 (77) 3 (78) 4 (79) 5 (108) INTERNAL REGULATOR. TEST BENCH "NO CHARGE" LIGHT USED. TB-95 12 V USE AS IS **TB-95** INTERNAL REGULATOR, 24 V MUST BE USED WITH TB-24V AUXILIARY VOLTMETER

1 (108) 2 (77) 3 (78) 4 (79) 5 (108)

INTERNAL REGULATOR, TEST BENCH "NO CHARGE" LIGHT USED TB - 96 SAME AS TB-FV EXCEPT WITH ALLIGATOR CLIP **TB-96 TB-96** NIVERSAL FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE [DIODE TRIO.] INTERNAL REGULATOR. TO "D+", IND., "L" SINGLE WIRE "NO CHARGE" TERMINAL INDICATOR LIGHT LEAD AUX V. = OUTPUT V. TEST BENCH "NO CHARGE" LIGHT USED

IBTLBO.DRW 03-06 R-2 05-16

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WHEN CONNECTED TO THIS WIRE

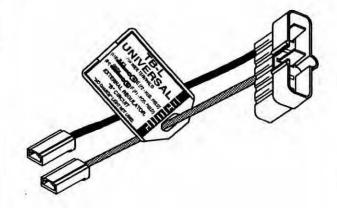
"5" (DFM) VOLTAGE SHOULD

DECREASE AS OUTPUT AMPS

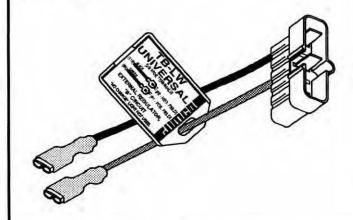
(LOAD) INCREASE.



EXTERNAL REGULATOR TB - L



WIDE TERMINALS, EXTERNAL REG. **TB - LW**





(110) E [F2-NEG.FIELD]

(84) GREEN F [F1-POS.FIELD]

EXTERNAL REGULATOR,

"B" CIRCUIT

"NO CHARGE" LIGHT NOT USED.

TB-L WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH:

ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. — OR—

BOTH BRUSHES INSLUATED, USE BOTH WIRES.

TB-LW UNIVERSA

110) BLACK E [F2-NEG. FIELD]

(84) GREEN F [F1-POS. FIELD]

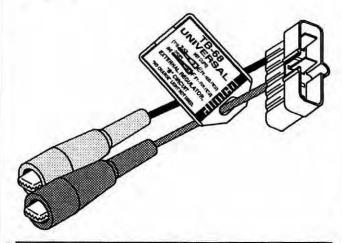
EXTERNAL REGULATOR,
"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

TB-LW

WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;

ONE BRUSH GROUNDED,
USE GREEN WIRE ONLY.
— OR—
BOTH BRUSHES INSLUATED,
USE BOTH WIRES.

THREADED POST TERMINALS, EXT. REG. TB - 68



TB-68 UNIVERSAL

(110) BLACK FIF2-NEG. FELDJ (84) GREN FIF1-POS. FELDJ EXTERNAL REGULATOR, "B" CIRCUIT

"NO CHARGE" LIGHT NOT USED.

12/94 TB-68
WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;
ONE BRUSH GROUNDED.

USE GREEN WIRE ONLY.

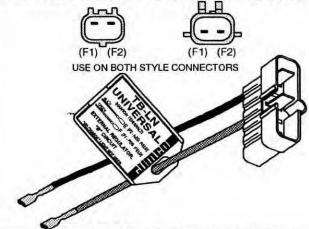
— OR —

BOTH BRUSHES INSLUATED,

USE BOTH WIRES.

NARROW TERMINALS, EXTERNAL REG, TB - LN

CHRYSLER COMPUTER CONTROLLED ALTERNATORS



UNIVERSAL

D) BLACK E [F2 - NEG. FIELD]

GREEN F [F1 - POS. FIELD]

EXTERNAL REGULATOR,

"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

OB TB-LN
WHEN USED ON CHRYSLER OR

OTHER ALTERNATORS WITH;
ONE BRUSH GROUNDED,

USE GREEN WIRE ONLY.

— OR —

BOTH BRUSHES INSULATED,

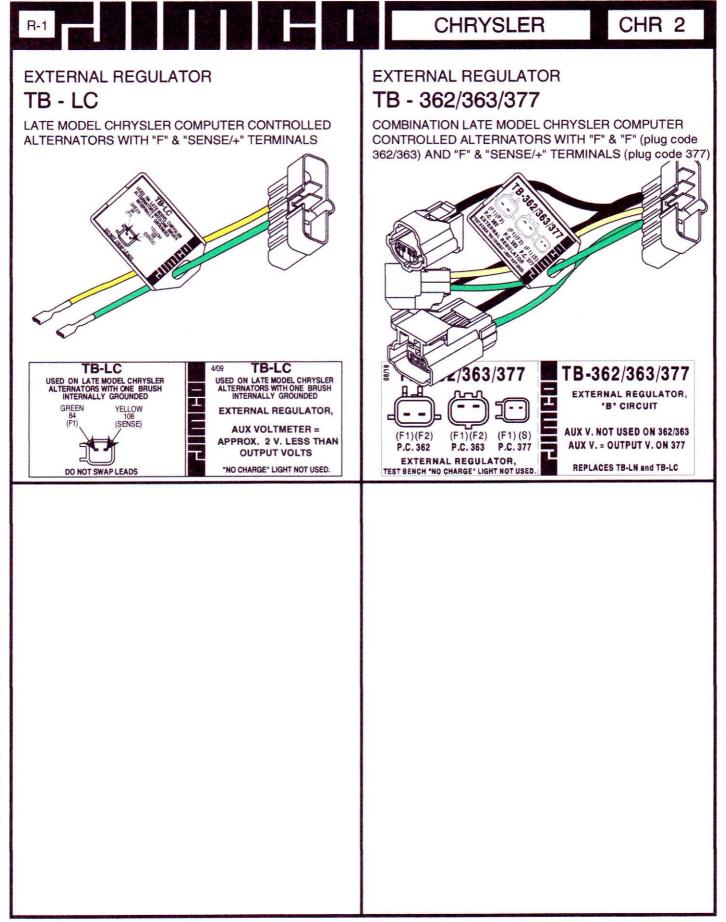
USE BOTH WIRES.

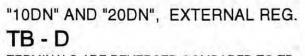
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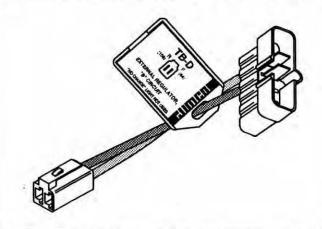
TBTLCH.DRW 04-98

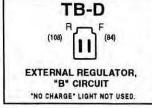
Phone: 800 - 821 - 7137





TERMINALS ARE REVERSED COMPARED TO TB - 49



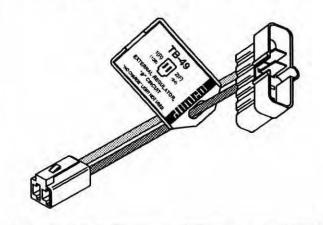


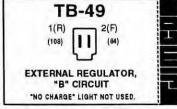
TB-D

EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V.

"10DN" TYPE 150 / 151, EXTERNAL REG. TB - 49

TERMINALS ARE REVERSED COMPARED TO TB - D



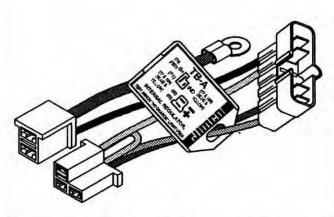


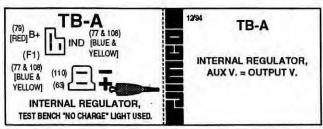
TB-49

EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V.

NOTE: TERMINALS ARE REVERSED COMPARED TO TB-D

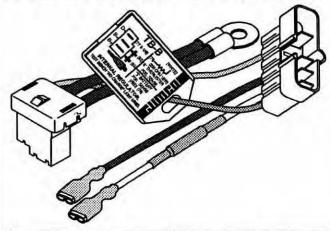
EUROPEAN "SI" SERIES, INTERNAL REG. TB - A

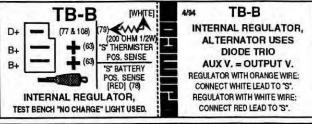




EUROPEAN "SI" SERIES, INTERNAL REG. TB - B

WITH BATTERY SENSE AND THERMISTOR SENSE

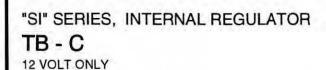


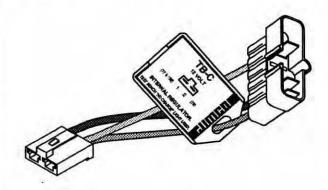


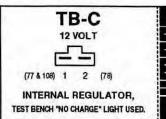
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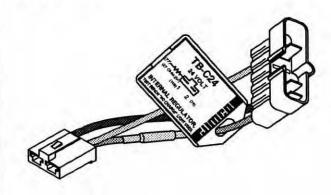


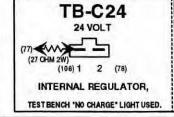




TB-C

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = OUTPUT V. (USE TB-C24 FOR 24 VOLT) "SI" SERIES, INTERNAL REGULATOR
TB - C24
24 VOLT ONLY



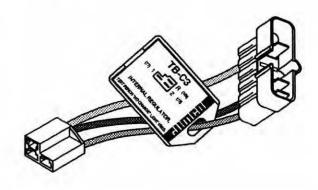


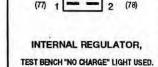
TB-C24

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = OUTPUT V.

(USETB-C FOR 12 VOLT)

"SI" SERIES, 3 TERM., INTERNAL REG. TB - C3





TB-C3

TB-C3

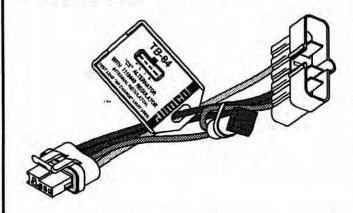
INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V.=1/2 OUTPUT V.

RE-TEST ALTERNATOR WITH TB-C TO MEASURE DIODE TRIO VOLTAGE.

"CS" WITH 1116440 INTERNAL REGULATOR

TB - 84

USE TB-8S OR TB-53C FOR UNITS WITH 408, 411, 412 TYPE REGULATORS.





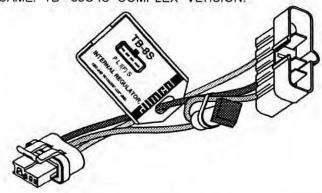


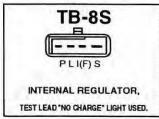
INTERNAL REGULATOR, AUX V.=1/2 OUTPUT V. P = 108 S = 79 L = BULB TO 78 i = 79

CS121, CS130, CS144, INTERNAL REG.

TB-8S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 53C IS "COMPLEX" VERSION.



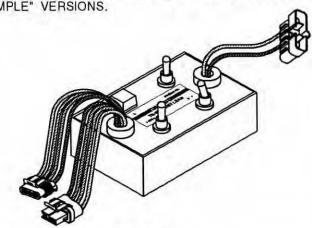




AD230, AD237, AD244, CS121, CS121D, CS130, CS130D, CS144 INT. REG.

TB - 53C

"COMPLEX" VERSION, SEE TB - 8S AND TB - 53S FOR "SIMPLE" VERSIONS.

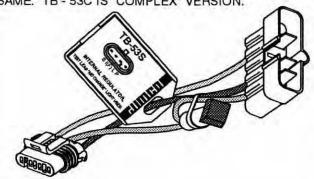


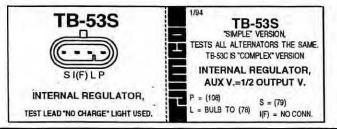
- · Verifies alternator shut-down.
- Verifies function of "P", "L", "F", "I" and "S" terminals.
- Operates alternator with internal and external voltage sense or with external thermistor sense function.
- Determines if alternator is "P-L-F-S" or "P-L-I-S" version (alternator must be operational).

AD230, AD237, AD244, CS121D, CS130D INTERNAL REGULATOR

TB - 53S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 53C IS "COMPLEX" VERSION.

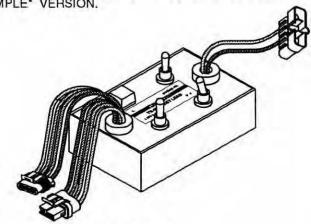




AD230, AD237, AD244, CS121, CS121D, CS130, CS130D, CS144 INT. REG.

TB - 53C

"COMPLEX" VERSION, SEE TB - 8S AND TB - 53S FOR "SIMPLE" VERSION.

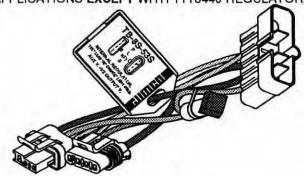


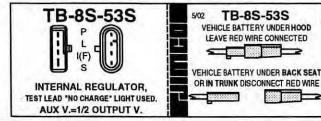
- Verifies alternator shut-down.
- Verifies function of "P", "L", "F", "I" and "S" terminals.
- Operates alternator with internal and external voltage sense or with external thermistor sense function.
- Determines if alternator is "P-L-F-S" or "P-L-I-S" version (alternator must be operational).

CS121, CS130, CS144, CS121D, CS130D, AD230, AD237, AD244, INTERNAL REG.

TB - 8S-53S

COMBINATION "NO CHARGE" INDICATOR LIGHT LEAD FOR ALL ALTERNATORS INCLUDING THERMISTOR APPLICATIONS EXCEPT WITH 1116440 REGULATOR.

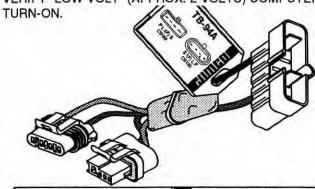


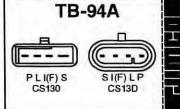


CS121, CS130, CS144, CS121D, CS130D, AD230, AD237, AD244, INTERNAL REG.

TB - 94A

USE THIS LEAD AFTER TESTING ALTERNATOR WITH EITHER TB-8S, TB-53S, TB-53C OR TB-8S-53S LEAD TO VERIFY "LOW VOLT" (APPROX. 2 VOLTS) COMPUTER





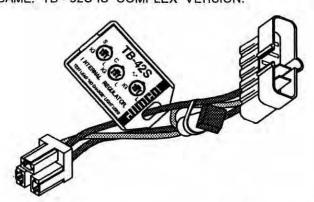
e02 TB-94A

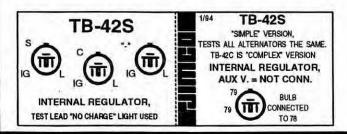
"CS" COMPUTER ACTIVATION
(less than 5 volt)

 First test alternator using TB-8S, TB-93S or TB-93C test leads.
 If alt. performs correctly, use TB-94A
 Alternator should produce normal volts and amps. If not the alternator is NOT computer activated.

CS121 ROUND PLUG, INTERNAL REG. TB - 42S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 52C IS "COMPLEX" VERSION.

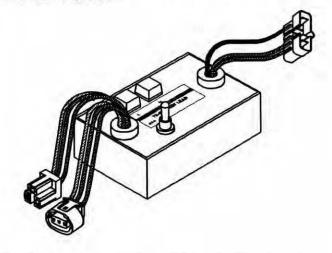




CS121 ROUND PLUG, INTERNAL REG.

TB - 52C

"COMPLEX" VERSION, SEE TB - 42S AND TB - 52S FOR "SIMPLE" VERSION.

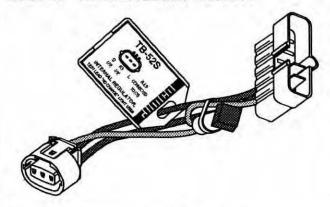


- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- Verifies "S" terminal operation.

CS121 OVAL PLUG, INTERNAL REG.

TB - 52S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 52C IS "COMPLEX" VERSION.



TB-52S

S IG L CONNECTED TO (79)

INTERNAL REGULATOR, TEST LEAD "NO CHARGE" LIGHT USED

12/97

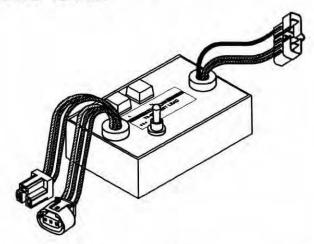
INTERNAL REGULATOR, ALTERNATOR DOES NOT USE DIODE TRIO AUX V. = NOT CONN.

TB-52S

USE TB-80 ON "F-G-L" UNITS CS121 OVAL PLUG, INTERNAL REG.

TB - 52C

"COMPLEX" VERSION, SEE TB - 42S AND TB - 52S FOR "SIMPLE" VERSION.

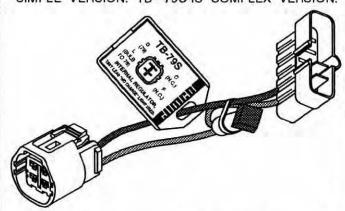


- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- Verifies "S" terminal operation.

SQUARE PLUG, 4 TERM., INTERNAL REG. DELPHI CS130D

TB - 79S

"SIMPLE" VERSION. TB - 79C IS "COMPLEX" VERSION.



TB-79S

(79) L (BULB TO 78) (N.C.)

TO 78) (N.C.)
INTERNAL REGULATOR,
TEST LEAD "NO CHARGE" LIGHT USED.

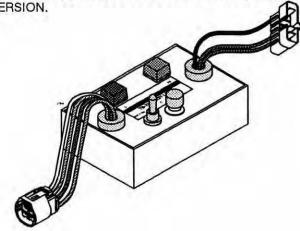
/98 TB-79S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB-79C IS "COMPLEX" VERSION

INTERNAL REGULATOR, AUX V. = NOT CONN. SQUARE PLUG, 4 TERM., INTERNAL REG. DELPHI CS130D

TB - 79C

"COMPLEX" VERSION, SEE TB -79S FOR "SIMPLE" VERSION.



- Verifies alternator shut-down.
- Verifies correct "no charge" indicator light function.
- Verifies "G", "C", "F" terminal operation.

JIMCO, Inc.

Phone: 800 - 821 - 7137

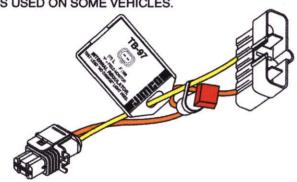
FAX: 816 - 331 - 1971

INTERNAL REG. "L" and "F"

TB - 97

"SIMPLE" VERSION, PLUG CODE 365, AS USED ON: SATURN, OPEL AND SAAB

OPERATES ALTERNATOR WITH INDICATOR LIGHT AS USED ON SOME VEHICLES.



TB-97

(77) L F (108)
"F" = FIELD MONITOR

PLUG CODES 365

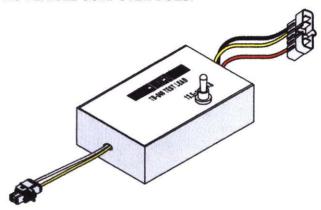
INTERNAL REGULATOR, AUX V. = SEE BELOW

"DFM" TERMINAL VOLTAGE SHOULD INCREASE AS OUTPUT AMPS (LOAD) INCREASE. AD SERIES, INTERNAL REG. "L" and "F"

TB - 346 replaces TB - 97C

"COMPUTER" VERSION

OPERATES ALTERNATOR WITH DIGITAL SIGNAL AS VEHICLE COMPUTER DOES.



- Operates alternator in DEFAULT MODE and at 13.5 volts and 14.5 volts.
- Verifies "F" terminal function on JIMCO test benches.

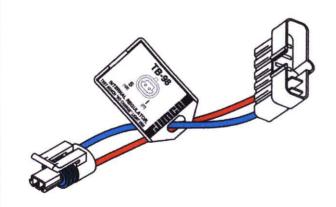
7SI, INTERNAL REG.

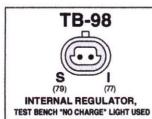
INTERNAL REGULATOR,

TEST LEAD "NO CHARGE" LIGHT USED.

TB - 98

"SIMPLE" VERSION



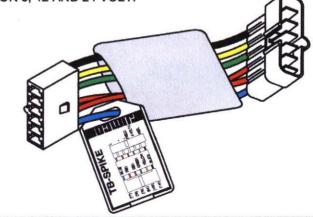


9/02 **TB-98**

INTERNAL REGULATOR, AUX V. = NOT CONN.

VOLTAGE SPIKE SUPRESSOR TB - SPIKE

USE THIS SUPPRESSOR BETWEEN TEST BENCH ADAPTER HARNESS AND ANY TEST LEAD TO KILL VOLTAGE SPIKES THAT MAY DAMAGE SENSISTIVE VOLTAGE REGULATORS. MAY BE LEFT CONNECTED ON 6, 12 AND 24 VOLT.



MAX. APPLIED	PEAK	TYPICAL
CONTINUOUS	AMPS	CAPACITANCE
D.C. VOLTAGE	8/20 MICRO SEC.	PF
38	1000	5500

JIMCO, Inc.

Phone: 800 - 821 - 7137

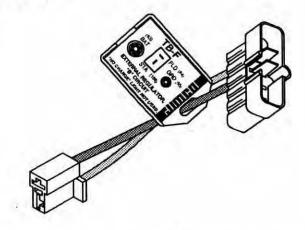
FAX: 816 - 331 - 1971

JIMCO, Inc.

TBTLDR.DRW 02-02

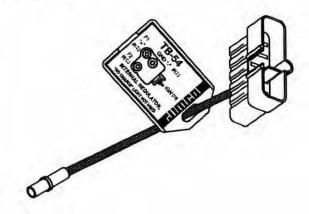
Phone: 800 - 821 - 7137
 FAX: 816 - 331 - 1971

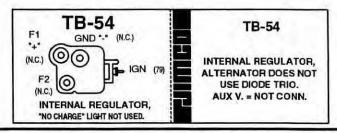




TB-F TB-F FLD (84) BAT GRD (50) EXTERNAL REGULATOR, "B" CIRCUIT STA (108) AUX V.=1/2 OUTPUT V. EXTERNAL REGULATOR, "B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

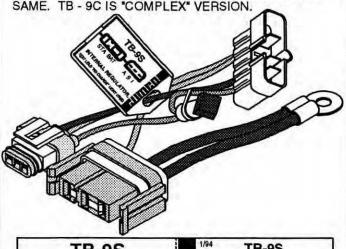
SINGLE TERMINAL, INTERNAL REG. TB - 54

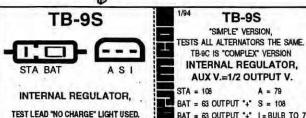




"IAR", INTERNAL REGULATOR TB - 9S

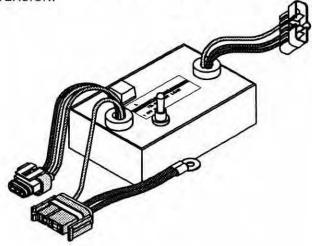
"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 9C IS "COMPLEX" VERSION.





"IAR", INTERNAL REGULATOR TB - 9C

"COMPLEX" VERSION, SEE TB - 9S FOR "SIMPLE" VERSION.

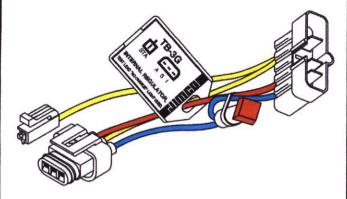


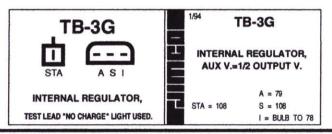
- Verifies correct indicator light function.
- Verifies correct operation for both indicator light and ammeter vehicle applications.
- · Verifies alternator shut-down.
- Monitors stator (P1) voltage.

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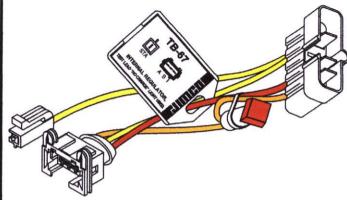
BAT = 63 OUTPUT "+" I = BULB TO 78

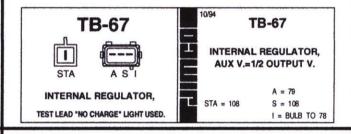
"3G" AND "4G", INTERNAL REGULATOR TB - 3G





"3G", POLICE & H. DUTY, INTERNAL REG. TB - 67

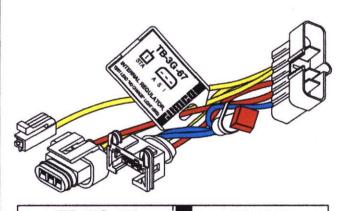


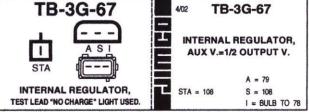


"3G", INTERNAL REGULATOR

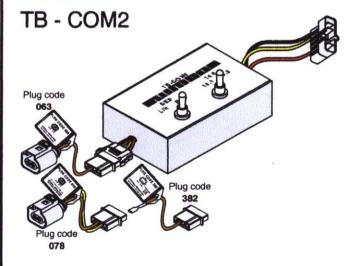
TB - 3G-67

COMBINATION LEAD FOR BOTH VERSIONS OF "3G"





INTERNAL REG., LESTER PLUG CODE: 063, 078 and 382 computer controlled (COM) alternators



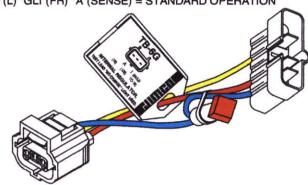
- Switch for both BSS and LIN system selection
- · Switch for three preset voltages
- Three plug adapters for plug codes 063, 078 & 382

TBTLFO.DRW 03-03 R-6 02-16

TB - 6G

"SIMPLE" VERSION, SEE TB - 88 FOR "COMPLEX" VERSION. TESTS 2 VERSIONS:

"I"(L) "__"(__) "A"(SENSE) = STANDARD OPERATION
"I"(L) "GLI"(FR) "A"(SENSE) = STANDARD OPERATION



R-2, 12-99 TB-6G

(79) "A" "" "I" (BULB

"A" "GFI" "I" TO 78)

(108)

INTERNAL REGULATOR,

TEST LEAD "NO CHARGE" LIGHT USED.

TB-6G

INTERNAL REGULATOR

AUXILIARY VOLTMETER:
"I"(L) "_"(_) "A"(SENSE) = NOTUSED
"I"(L) "GFF(FR) "A"(SENSE) =
Will change with amperage output as the
load on the alternator changes. The
exact reading is NOT important,
it MUST change with load.

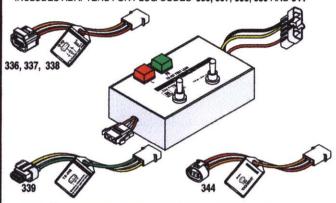
"6G" & "6G-SIGNAL", INTERNAL REG.

TB - 337 replaces TB - 88, TB - 88S

"COMPLEX" VERSION, SEE TB - 6G FOR "SIMPLE" VERSION, TESTS ALL 3 VERSIONS:

"I"(L) "__"(_) "A"(SENSE) = **STANDARD** OPERATION
"I"(L) "GLI"(FR) "A"(SENSE) = **STANDARD** OPERATION

"LI" "GEN-MON"(FR), "RC""GEN-COM"(SIG), "AS" "A"(SENSE) = SIGNAL OPER. INCLUDES ADAPTERS FOR PLUG CODES 336, 337, 338, 339 AND 344



- · Verifies correct indicator light function (when used).
- Provides digital signal to the "RC" "GEN-COM"(SIG) terminal (when used) for both normal & low output.
- Verifies "LI" "GEN-MON" (FR) terminal funtion (when used).
- Determines which version you have (alt. must be operational).

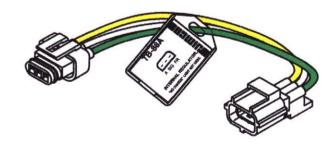
"4G-SIGNAL" VERSION ONLY

TB - 88A

ADAPTER TO ALLOW EITHER TB-88 OR TB-88S TO BE USED TO TEST THE "4G" SIGNAL ALTERNATORS

INTERNAL REG., LESTER PLUG CODE: 344 3 terminal plug "LI" "RC" "AS". Use with TB-88 or TB-88S test lead.

TB - 88B



TB-88A

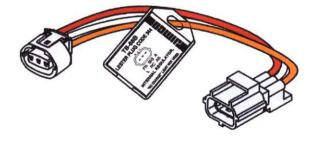


INTERNAL REGULATOR,

3 TB-88A

Computer operated
alternator
AUX V.= NOT CONN.

THIS IS AN ADAPTER LEAD FOR TESTING FORD COMPUTER CONTROLLED ALTERNATORS. IT MUST BE USED WITH TEST LEAD TB88 OR TB88S



TB-88B LESTER PLUG CODE 344



INTERNAL REGULATOR,
"NO CHARGE" LIGHT NOT USED.

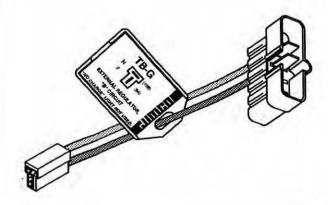
9/12 TB-88B LESTER PLUG CODE 344

Computer operated
alternator
AUX V.= NOT CONN.

THIS IS AN ADAPTER LEAD FOR TESTING COMPUTER CONTROLLED ALTERNATORS. IT MUST BE USED WITH TEST LEAD TB88 OR TB88S

TBTLFO.DRW 03-03, R-1 1-29-14

"N" "F", EXTERNAL REGULATOR TB - G



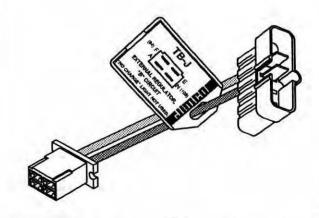
TB-G

N (108) F (84)

EXTERNAL REGULATOR,
"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

TB-G

EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V. "A" "F" "N" "E", EXTERNAL REGULATOR TB - J



TB-J



"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

TB-J

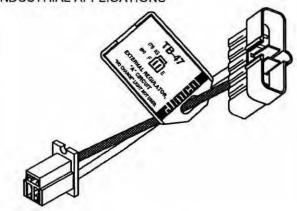
"B" CIRCUIT
AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER:
"E" TERMINAL TO GROUND
AND "A" TERMINAL
TO B+ OUTPUT POST,
BOTH SHOULD BE 0 OHMS

"IG" "F" "E", EXTERNAL REGULATOR

TB - 47

INDUSTRIAL APPLICATIONS



TB-47

(79) IG (84) F

EXTERNAL REGULATOR,
"A" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

TB-47

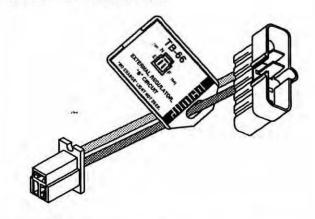
EXTERNAL REGULATOR,
"A" CIRCUIT
USE MANUAL RHEOSTAT
AUX V. = NOT CONN.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

"N" "E" "F", EXTERNAL REGULATOR

TB - 66

INDUSTRIAL APPLICATIONS



TB-66

108) N E II F (84)

EXTERNAL REGULATOR,
"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

^{/94} TB-66

EXTERNAL REGULATOR,
"B" CIRCUIT
AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

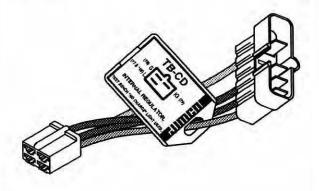
TBTLHI.DRW 04-98

JIMCO, Inc.

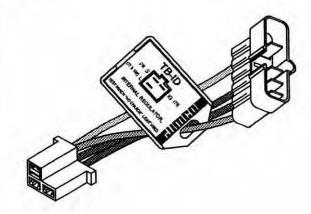
Phone: 800 - 821 - 7137

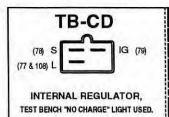
FAX: 816 - 331 - 1971

CHEVETTE DIESEL "S" "L" "IG" INT. REG. TB - CD



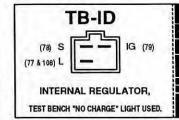
ISUZU DIESEL "S" "L" "IG", INTERNAL REG. **TB - ID**





TB-CD

INTERNAL REGULATOR,
ALTERNATOR USES
DIODE TRIO
AUX V. = OUTPUT V.



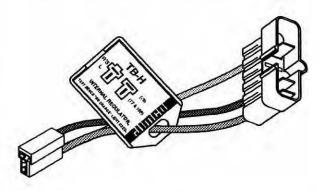
INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

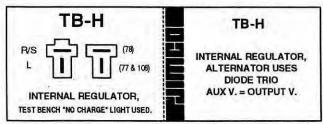
TB-ID

"R" "L" AND "S" "L", INTERNAL REG.

TB - H

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 10 IS "COMPLEX" VERSION.

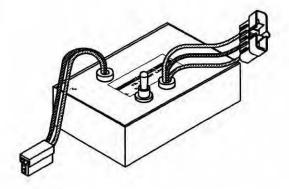




"R" "L", INTERNAL REG.

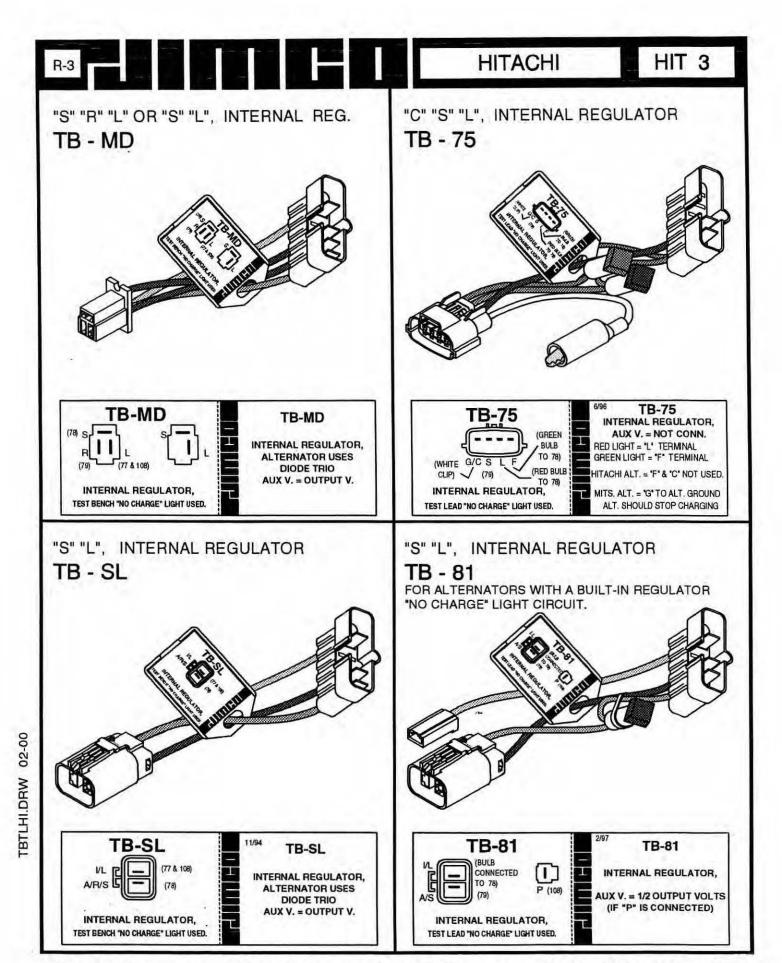
TB - 10

"COMPLEX" VERSION, SEE TB - H FOR "SIMPLE" VERSION.



- Verifies that alternator will excite through the "R" terminal only.
- Verifies correct "L" terminal function.
- Monitors diode trio voltage on the auxiliary voltmeter.
- Determines if anti-feedback diode is functional (when equipped).

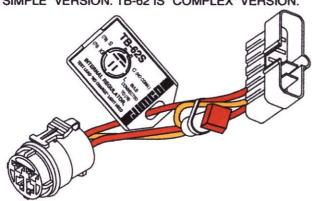
TBTLHI.DRW 04-98

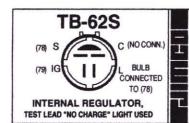


ROUND PLUG "IG" "L" "C" "S", INT. REG.

TB - 62S

FOR SUBARU ALTERNATORS
"SIMPLE" VERSION. TB-62 IS "COMPLEX" VERSION.





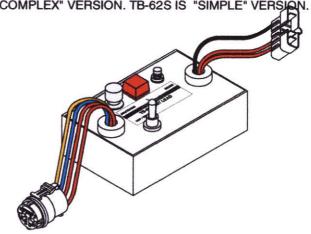
TB-62S

TB-62S IS "SIMPLE" VERSION, TB-62 IS "COMPLEX" VERSION

INTERNAL REGULATOR, ALTERNATOR DOES NOT USE DIODE TRIO AUX V. = NOT CONN. ROUND PLUG "IG" "L" "C" "S", INT. REG.

TB - 62C

FOR SUBARU ALTERNATORS
"COMPLEX" VERSION. TB-62S IS "SIMPLE" VERSION.

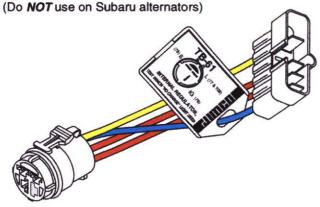


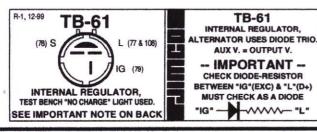
- · Verifies alternator shut-down.
- Verifies function of "IG", "L", "C" and "S" terminals.
- Operates alternator with internal and external voltage sense.

ROUND PLUG "S" "L" "IG", INT. REG.

TB - 61

FOR ISUZU 3 TERMINAL ALTERNATORS USE TB-89 ON 4 TERMINAL ALTERNATORS

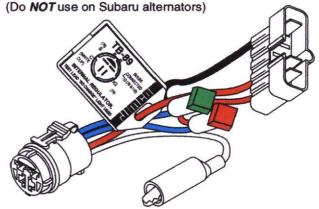


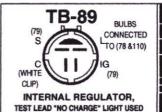


"S" "L" "C" "IG", INTERNAL REG.

TB - 89

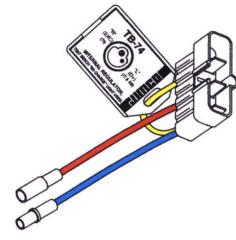
FOR ISUZU & HONDA 4 TERMINAL ALTERNATORS USE TB-61 ON 3 TERMINAL ALTERNATORS

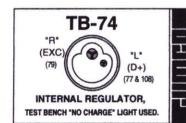




TB-89

TB-89 IS FOR "4 TERMINAL" VERSION,
TB-61 IS FOR "3 TERMINAL" VERSION
INT. REG., ALT. DOES NOT
USE DIODE TRIO
AUX V. = NOT CONN.
RED LIGHT = "N.C. IND. LIGHT"
GREEN LIGHT = "L+" + OUTPUT
"C" TO ALT. GROUND, ALT. SHOULD
STOP CHARGING, RED LIGHT OFF.

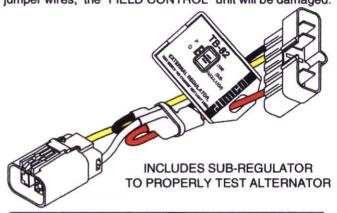


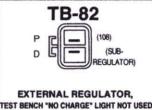


0/95 TB-74

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = OUTPUT V. "P" "D", EXT. (COMPUTER) REGULATOR TB - 82

For alternators with a "FIELD CONTROL" unit (looks like a regulator but is **NOT**). Do **NOT** use any other test leads or jumper wires, the "FIELD CONTROL" unit will be damaged.



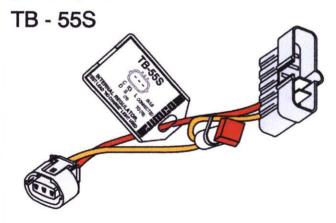


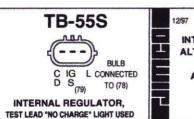
TB-82

ALTERNATOR DOES NOT CONTAIN A REGULATOR. WHAT LOOKS LIKE A REGULATOR IS A "FIELD CONTROL" UNIT.

AUX V. = APPROX. 1/4 VOLT LESS THAN 1/2 OUTPUT V.

INTERNAL REG., LESTER PLUG CODES: 317 "C" "IG" "L", 318 "D" "G or IG" "L", and 319 "D" "S" "L"





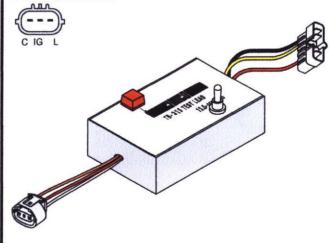
TB-55S

INTERNAL REGULATOR, ALTERNATOR DOES NOT USE DIODE TRIO AUX V. = NOT CONN.

> USE TB-80 ON "F-G-L" UNITS

3 TERMINAL, INTERNAL REGULATOR TB - 325

NISSAN PCM CONTROLLED ALTERNATORS, PLUG CODE 325.

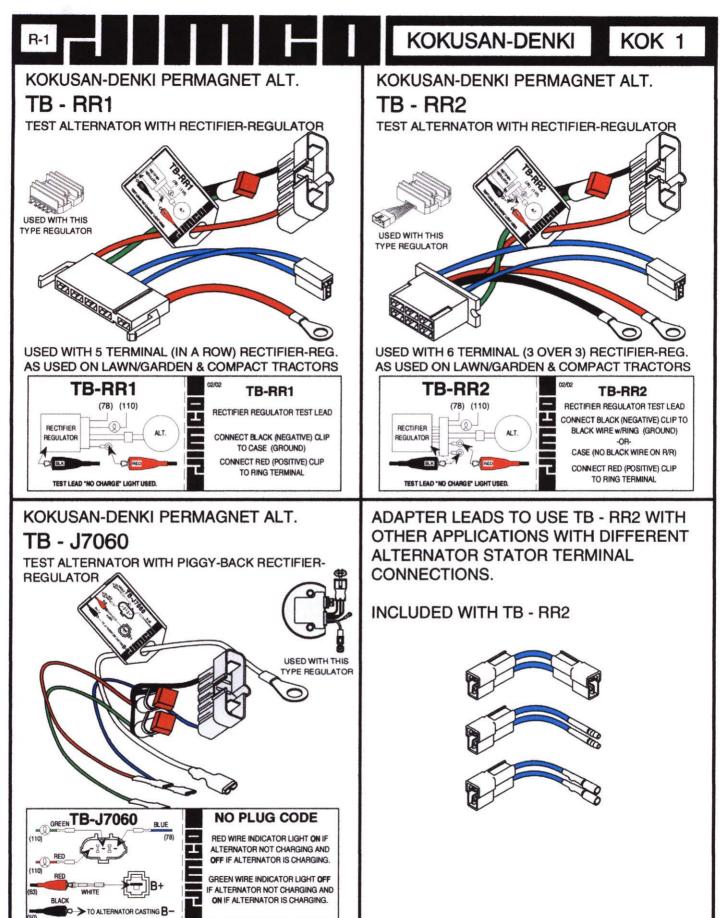


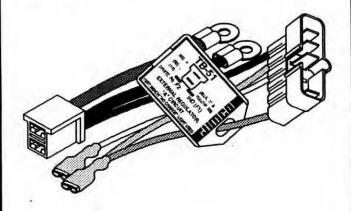
- Verifies correct "no charge" indicator light function.
- Verifies that alternator can receive a signal and operate at two voltage settings.
- Verifies default operation

JIMCO, Inc.

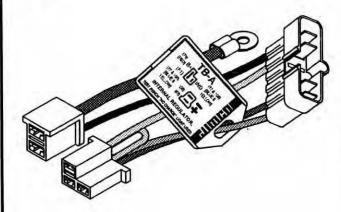
Phone: 800 - 821 - 7137

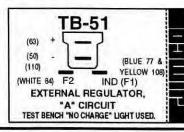
FAX: 816 - 331 - 1971





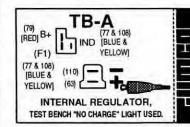
"PLUG-IN" (B+) (B-), INTERNAL REG. **TB - A**





TB-51

EXTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO, USE MANUAL RHEOSTAT AUX V. = OUTPUT V.

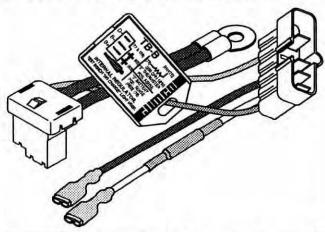


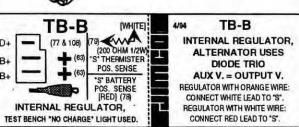
TB-A

INTERNAL REGULATOR, AUX V. = OUTPUT V.

"PLUG-IN" (B+), INTERNAL REGULATOR TB - B

WITH BATTERY SENSE AND THERMISTOR SENSE

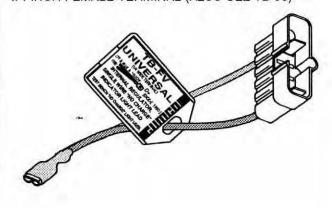




"THREADED POST" (B+), INTERNAL REG.

TB - FV

1/4 INCH FEMALE TERMINAL (ALSO SEE TB-96)





TB-FV
UNIVERSAL
(1/4 WIDE TERMINAL)
(77 &BLUE & YELLOW D+ (DIODE TRIO.

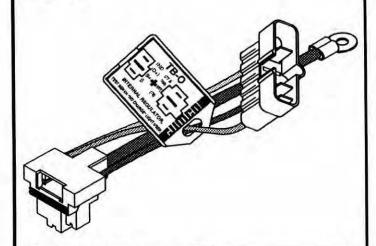
INTERNAL REGULATOR,
SINGLE WIRE "NO CHARGE"
INDICATOR LIGHT LEAD
TEST BENCH "NO CHARGE" LIGHT USED.

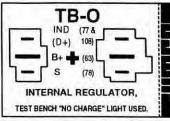
TB-FV

FOR ALTERNATORS WITH DIODE TRIO.
CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL.
AUX V. = OUTPUT V.

TBTLLU.DRW 04-98

"PLUG-IN" (B+), INTERNAL REGULATOR TB - O

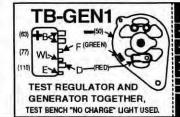




TB-O

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

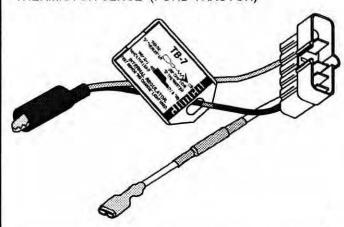
GENERATOR & REGULATOR TOGETHER TB - GEN1

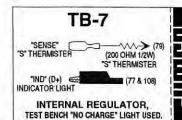


TB-GEN1 TEST REGULATOR AND GENERATOR TOGETHER, AUX V.= NOT CONN.

"THREADED POST" (B+), INTERNAL REG. TB - 7

THERMISTOR SENSE (FORD TRACTOR)

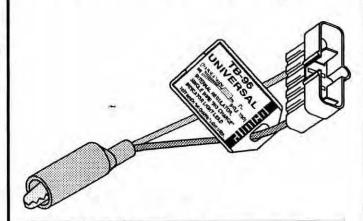




TB-7 INTERNAL REGULATOR, **ALTERNATOR USES** DIODE TRIO AUX V. = OUTPUT V.

LUCAS ALTERNATORS USED ON FORD TRACTORS WITH BATTERY TEMPERATURE VOLTAGE SENSING IND. LIGHT & AUX. VOLTMETER, INT. REG. TB - 96

SAME AS TB-FV EXCEPT WITH ALLIGATOR CLIP





TB-96

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.

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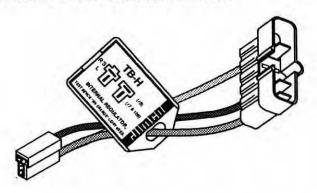
FAX: 816 - 331 - 1971

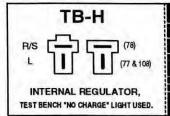


"R" "L" AND "S" "L", INTERNAL REG.

TB - H

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 10 IS "COMPLEX" VERSION.





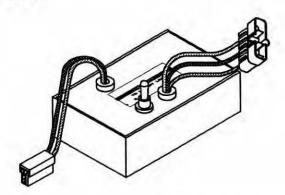
TB-H

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

"R" "L", INTERNAL REG.

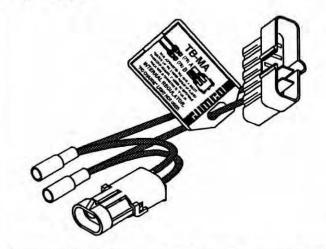
TB - 10

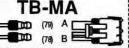
"COMPLEX" VERSION, SEE TB - H FOR "SIMPLE" VERSION.



- Verifies that alternator will excite through the "R" terminal only.
- Verifies correct "L" terminal function.
- Monitors diode trio voltage on the auxiliary voltmeter.
- Determines if anti-feedback diode is functional (when equipped).

MARINE & INDUSTRIAL, INTERNAL REG. TB - MA



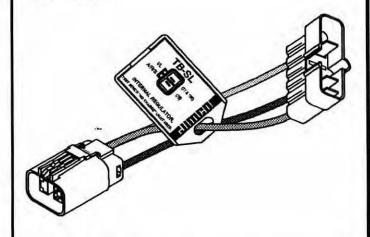


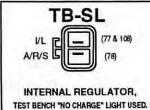
SOME ALTERNATORS WILL HAVE A BULLET TERMINAL ON THE 2 WIRES INSTEAD OF PLASTIC CONNECTOR HOUSING. IT MAKES NO DIFFERENCE HICH WIRE IS CONNECTED TO 78 OR 79. INTERNAL REGULATOR, "NO CHARGE" LIGHT NOT USED.

TB-MA

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = NOT CONN.

"S" "L", INTERNAL REGULATOR TB - SL





TB-SL

INTERNAL REGULATOR. ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

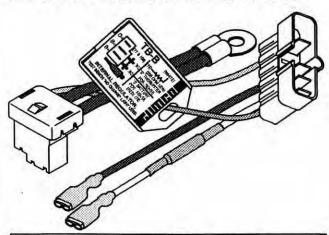
JIMCO, Inc.

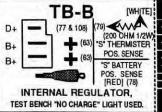
Phone: 800 - 821 - 7137

FAX: 816 - 331 - 1971

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WITH BATTERY SENSE AND THERMISTOR SENSE





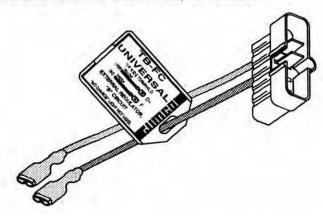
TB-B

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

REGULATOR WITH ORANGE WIRE: CONNECT WHITE LEAD TO "S". REGULATOR WITH WHITE WIRE: CONNECT RED LEAD TO "S".

FIELD & AUX. VOLTMETER, EXT REG. TB - FC

1/4 INCH FEMALE TERMINALS, "B" CIRCUIT





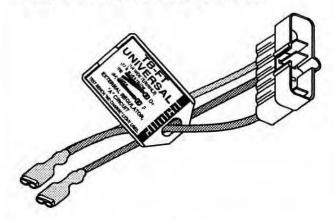
EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

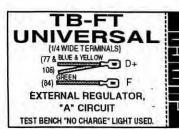
TB-FC

CONNECT GREEN TO "FIELD" TERMINAL AND YELLOW TO "D+" TERMINAL. AUX V. = OUTPUT V.

FIELD & IND. LIGHT, EXTERNAL REG. TB - FT

1/4 INCH FEMALE TERMINALS, "A" CIRCUIT



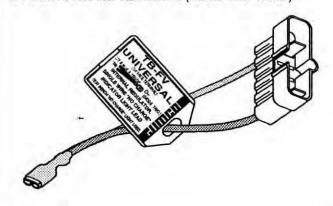


TB-FT

CONNECT GREEN TO "FIELD" TERMINAL AND BLUE/YELLOW TO D+ TERMINAL. AUX V. = OUTPUT V.

IND. LIGHT & AUX. VOLTMETER, INT. REG. TB - FV

1/4 INCH FEMALE TERMINAL (ALSO SEE TB-96)



INTERNAL REGULATOR. SINGLE WIRE "NO CHARGE" INDICATOR LIGHT LEAD TEST BENCH "NO CHARGE" LIGHT USED

D+ (DIODE TRIO.

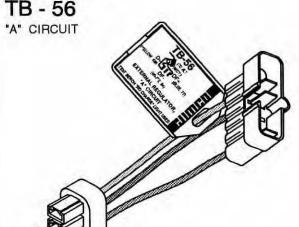
TB-FV

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.

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"D+" "DF-" "DF+", EXTERNAL REGULATOR



ГВ-56 D+GTPDF. (YELLOW 108) DF- (BLUE 77) (WHITE 84)

EXTERNAL REGULATOR,

"A" CIRCUIT

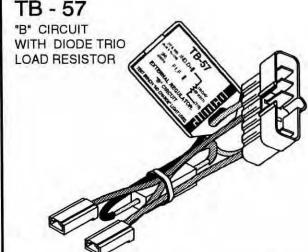
TEST BENCH "NO CHARGE" LIGHT USED.

TB-56

EXTERNAL REGULATOR, "A" CIRCUIT ALT. USES DIODE TRIO. USE MANUAL RHEOSTAT AUX V. = OUTPUT V.

THIS LEAD WAS FORMERLY TB - FA.

FIELD & INDICATOR LIGHT, EXT. REG.



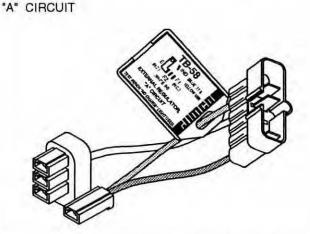
TB-57 IND -E.F2 (77 & 108) (10 OHM (N.C.) F1 (84) EXTERNAL REGULATOR, "B" CIRCUIT TEST BENCH "NO CHARGE" LIGHT USED.

TB-57 EXTERNAL REGULATOR, "B" CIRCUIT AUX V. = OUTPUT V. ALT. USES DIODE TRIO USE LEAD TB-FC ON ALT. THAT DOES NOT USE DIODE TRIO.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

"E" "F2" "F1", EXTERNAL REGULATOR

TB - 58



TB-58 IND (BLUE 77 & YELLOW 108) (N.C.) F2 (N.C.) (WHITE 84) EXTERNAL REGULATOR, "A" CIRCUIT

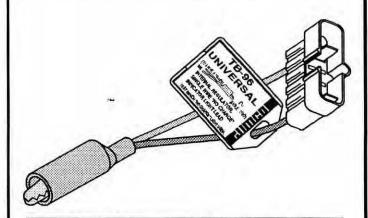
TEST BENCH "NO CHARGE" LIGHT USED.

TB-58

EXTERNAL REGULATOR. ALT. USES DIODE TRIO. **USE MANUAL RHEOSTAT** AUX V. = OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS. THIS LEAD WAS FORMERLY TB-FB. IND. LIGHT & AUX. VOLTMETER, INT. REG. TB - 96

SAME AS TB-FV EXCEPT WITH ALLIGATOR CLIP



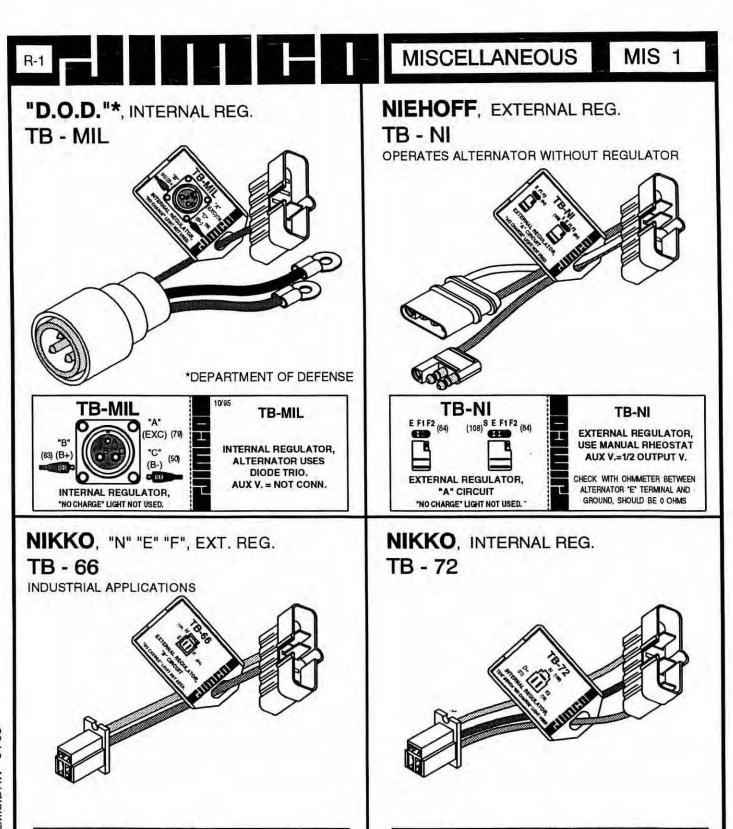
IIVERSAL D+ IDIODE TRIO.I INTERNAL REGULATOR, SINGLE WIRE "NO CHARGE" INDICATOR LIGHT LEAD TEST BENCH "NO CHARGE" LIGHT USED.

TB-96

TB-96

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.

BTLMAR.DRW 04-98, R-1 05-04



FBTLMIS.DRW 04-98

TB-66

EXTERNAL REGULATOR,

"B" CIRCUIT

"NO CHARGE" LIGHT NOT USED.

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TB-66

EXTERNAL REGULATOR,

"B" CIRCUIT

AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN

ALTERNATOR "E" TERMINAL AND

GROUND, SHOULD BE 0 OHMS.

TB-72

INTERNAL REGULATOR,

TEST BENCH "NO CHARGE" LIGHT USED.

TB-72

INTERNAL REGULATOR,

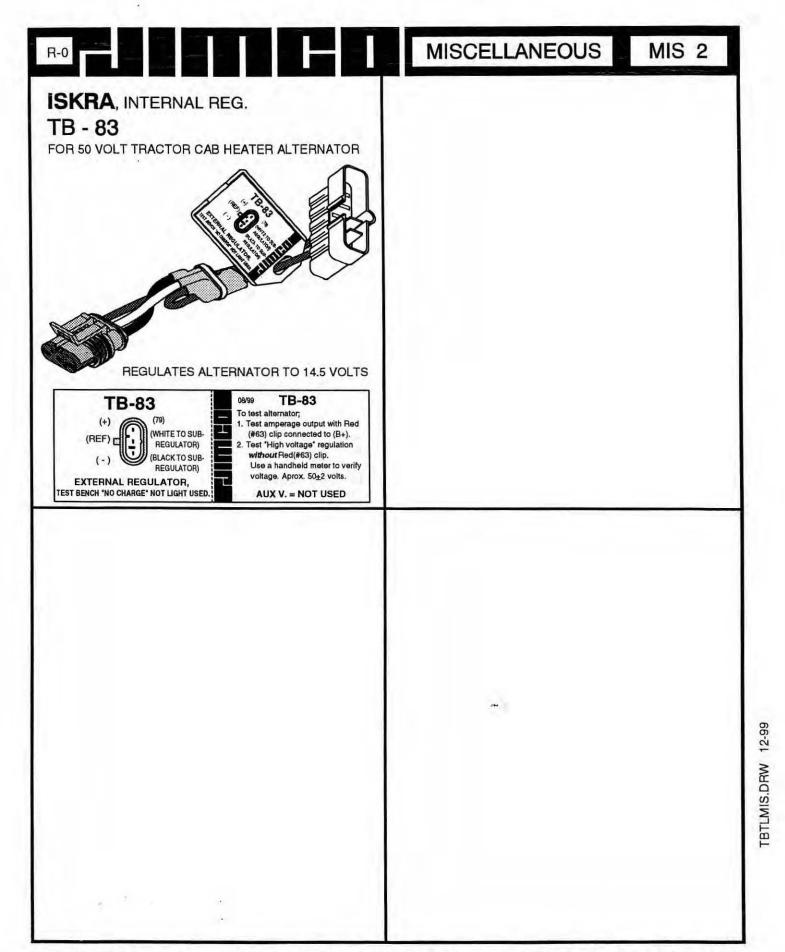
ALTERNATOR USES

DIODE TRIO

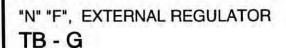
AUX V. = 1/2 OUTPUT V.

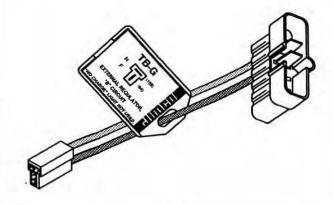
MUST USE TB-24V WITH TB-72

ON 24 VOLT ALTERNATORS



TBTLMIT.DRW 04-98





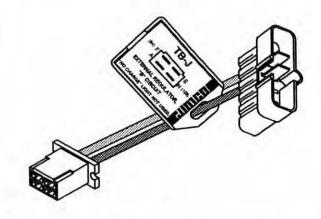
TB-G
N
(108)
F
(84)

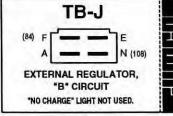
EXTERNAL REGULATOR,
"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

TB-G

EXTERNAL REGULATOR,
"B" CIRCUIT
AUX V.=1/2 OUTPUT V.

"A" "F" "N" "E", EXTERNAL REGULATOR ${f TB}$ - ${f J}$





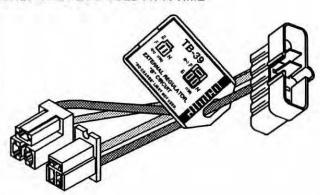
TB-J EXTERNAL REGULATOR, "B" CIRCUIT

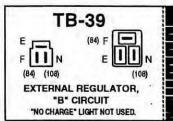
AUX V.=1/2 OUTPUT V.
CHECK WITH OHMMETER:
"E" TERMINAL TO GROUND
AND "A" TERMINAL
TO B4 OUTPUT POST,
BOTH SHOULD BE 0 OHMS

"E" "F" "N" AND "F" "E" "N", EXT. REG.

TB - 39

ONLY ONE PLUG USED AT A TIME



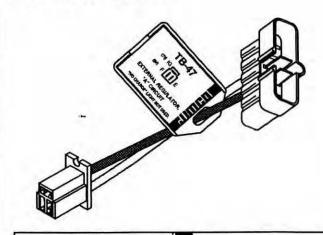


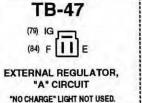
TB-39

EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS. "IG" "F" "E", EXTERNAL REGULATOR

TB - 47
INDUSTRIAL APPLICATIONS





TB-47
EXTERNAL REGULATOR,

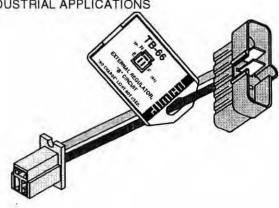
"A" CIRCUIT
USE MANUAL RHEOSTAT
AUX V. = NOT CONN.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.



TB - 66

INDUSTRIAL APPLICATIONS



TB-66

(108) N JF

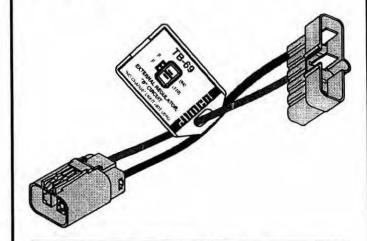
EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

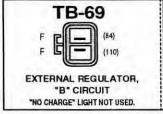
TB-66

EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

CHRYSLER "NEON", EXTERNAL REG. TB - 69



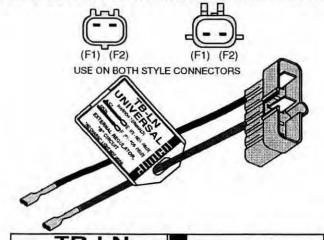


TB-69

EXTERNAL REGULATOR. "B" CIRCUIT AUX V.=NOT CONN.

NARROW TERMINALS, EXTERNAL REG, TB - LN

CHRYSLER COMPUTER CONTROLLED ALTERNATORS



■ E [F2 - NEG. FIELD] F [FI - POS. FIELD]

EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

TB-LN

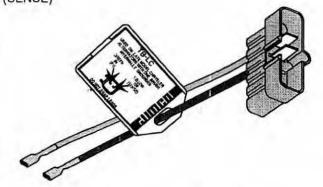
WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;

ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. - OR-BOTH BRUSHES INSULATED, USE BOTH WIRES.

"F" "SENSE", EXTERNAL REGULATOR

TB - LC

LATE MODEL CHRYSLER ALTERNATORS WITH ONLY ONE FIELD TERMINAL(F1) AND A SENSE TERMINAL (SENSE)



TB-LC USED ON LATE MODEL CHRYSLER ALTERNATORS WITH ONE BRUSH INTERNALLY GROUNDED

YELLOW 108 (SENSE)

DO NOT SWAP LEADS

TB-LC

USED ON LATE MODEL CHRYSLER ALTERNATORS WITH ONE BRUSH INTERNALLY GROUNDED

EXTERNAL REGULATOR,

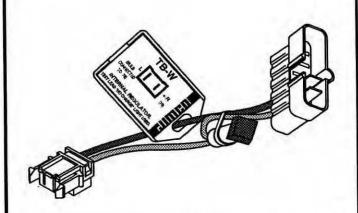
AUX VOLTMETER = APPROX. 2 V. LESS THAN **OUTPUT VOLTS** "NO CHARGE" LIGHT NOT USED

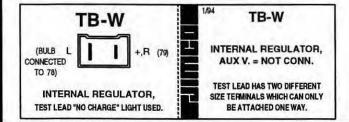
JIMCO, Inc.

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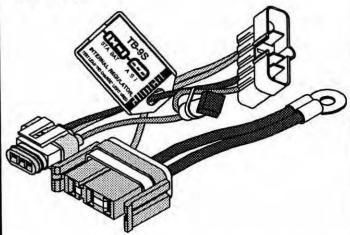
FAX: 816 - 331 - 1971

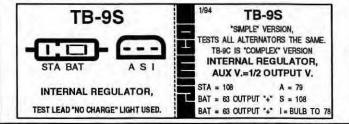
R-3 04-09 04-98 BTLMIT.DRW





"FORD IAR" TYPE, INTERNAL REGULATOR TB - 9S

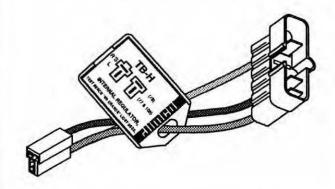


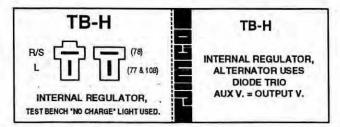


"R" "L" AND "S" "L", INTERNAL REG.

TB-H

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 10 IS "COMPLEX" VERSION.

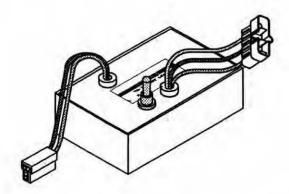




"R" "L", INTERNAL REG.

TB - 10

"COMPLEX" VERSION, SEE TB - H FOR "SIMPLE" VERSION.

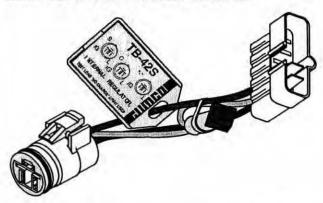


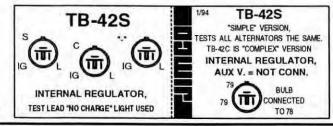
- Verifies that alternator will excite through the "R" terminal only.
- Verifies correct "L" terminal function.
- Monitors diode trio voltage on the auxiliary voltmeter.
- Determines if anti-feedback diode is functional (when equipped).

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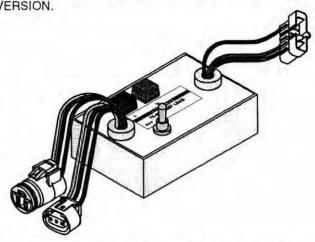
"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 52C IS "COMPLEX" VERSION.





ROUND / OVAL PLUG, 3 TERM., INT. REG. TB - 52C

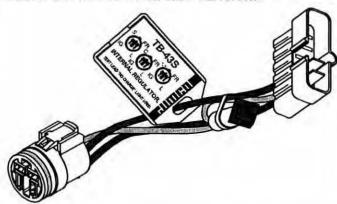
"COMPLEX" VERSION, SEE TB - 42S FOR "SIMPLE" VERSION.

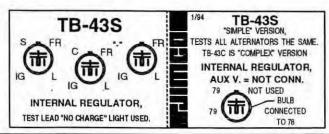


- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- · Verifies "S" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

ROUND PLUG, 4 TERM., INTERNAL REG. TB - 43S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 43C IS "COMPLEX" VERSION.

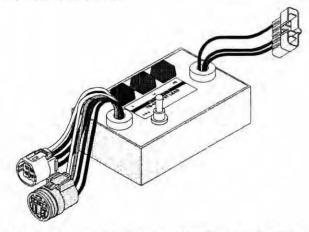




ROUND / SQUARE PLUG, 4 TERM., INT. REG.

TB - 43/79C

"COMPLEX" VERSION, SEE TB - 43S AND TB-79S FOR "SIMPLE" VERSION.



- · Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- Verifies "S", "C", "FR" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

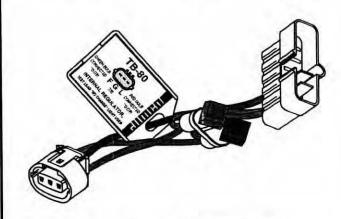
"G" "S" "L" "F", INTERNAL REGULATOR TB - 75

TB-75 (GREEN BULB TO 78) (RED BULB CLIP) \ (79) TO 78) INTERNAL REGULATOR, TEST LEAD "NO CHARGE" LIGHT USED.

TB-75 INTERNAL REGULATOR, AUX V. = NOT CONN. RED LIGHT = "L" TERMINAL GREEN LIGHT = "F" TERMINAL HITACHI ALT. = "F" & "C" NOT USED. MITS. ALT. = "G" TO ALT. GROUND ALT. SHOULD STOP CHARGING

"F" "G" "L", INTERNAL REGULATOR TB - 80

SAME AS NIPPONDENSO "M" "IG" "L"



TB-80 GREEN BULB RED BULB CONNECTED F G L CONNECTED TO (78) TO (78) M (79)

INTERNAL REGULATOR,

TEST LEAD "NO CHARGE" LIGHT USED

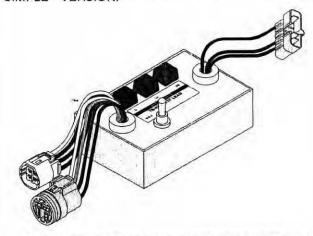
INTERNAL REGULATOR. AUX V. = NOT CONN. G = (IG) = IGNITION POS.F or M = (FR) = FIELD RATE (GREEN LIGHT = ON AT HIGH OUTPUT, DIMOFF AT LOW OUTPUT) USE TB-53S OR TB-53C FOR "S-IG-L" UNITS.

TB-80

ROUND / SQUARE PLUG, 4 TERM., INT. REG.

TB - 43/79C

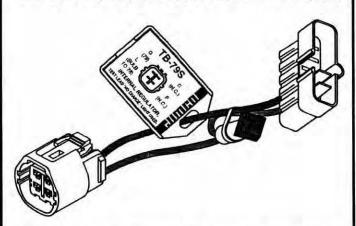
"COMPLEX" VERSION, SEE TB - 43S AND TB-79S FOR "SIMPLE" VERSION.



- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+). Verifies "S", "C", "FR" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

SQUARE PLUG, 4 TERM., INTERNAL REG. TB - 79S

"SIMPLE" VERSION. TB - 79C IS "COMPLEX" VERSION.



TB-79S (BULB TO 78) INTERNAL REGULATOR, TEST LEAD "NO CHARGE" LIGHT USED.

TB-79S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB-79C IS "COMPLEX" VERSION

INTERNAL REGULATOR. AUX V. = NOT CONN.

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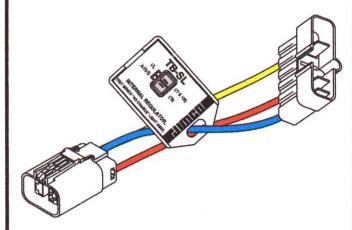
80-70

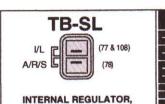
R-5

TBTLMIT.DRW 01-99,

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"S" "L", INTERNAL REGULATOR TB - SL





TEST BENCH "NO CHARGE" LIGHT USED.

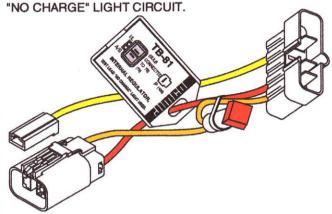
TB-SL

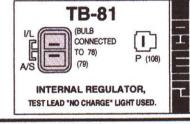
INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

"S" "L". INTERNAL REGULATOR

TB - 81

FOR ALTERNATORS WITH A BUILT-IN REGULATOR





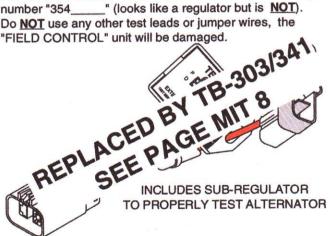
TB-81

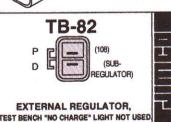
INTERNAL REGULATOR.

AUX V. = 1/2 OUTPUT VOLTS (IF "P" IS CONNECTED)

"P" "D", EXT. (COMPUTER) REGULATOR TB - 82

For alternators with a "FIELD CONTROL" unit, such as part " (looks like a regulator but is NOT). Do NOT use any other test leads or jumper wires, the





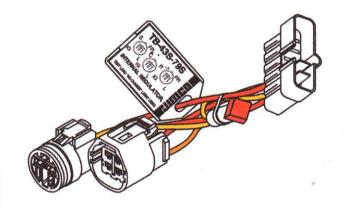
TB-82

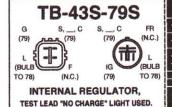
ALTERNATOR DOES NOT CONTAIN A REGULATOR. WHAT LOOKS LIKE A REGULATOR IS A "FIELD CONTROL" UNIT.

AUX V. = APPROX. 1/4 VOLT LESS THAN 1/2 OUTPUT V.

4 TERMINAL, INTERNAL REGULATOR TB - 43S-79S

"COMBINATION TB-43S AND TB-79S





TB-43S-79S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB-43C/79C ARE "COMPLEX" VERSIONS

WHEN TESTING A KNOWN "C" TERMINAL VERSION, DISCONNECT THE RED WIRE PLUGS.

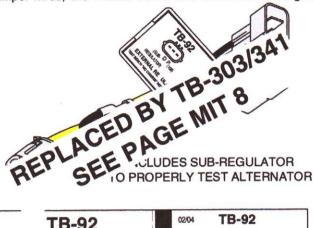
INTERNAL REGULATOR, AUX V. = NOT CONN

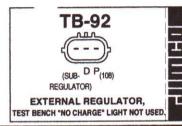
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FBTLMIT.DRW 03-03,

"--" "D" "P", EXT. (COMPUTER) REGULATOR TB - 92

For alternators with a "FIELD CONTROL" unit (looks like a regulator but is NOT). Do NOT use any other test leads or jumper wires, the "FIELD CONTROL" unit will be damaged.





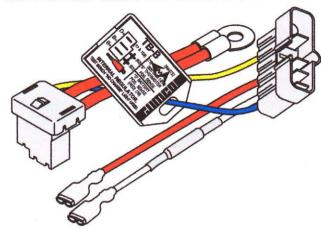
TB-92

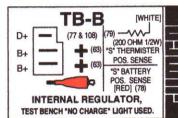
ALTERNATOR DOES NOT CONTAIN A REGULATOR. WHAT LOOKS LIKE A REGULATOR IS A "FIELD CONTROL" UNIT.

AUX V. = APPROX. 1/4 VOLT LESS THAN 1/2 OUTPUT V.

"PLUG-IN" (B+), INTERNAL REGULATOR TB - B

WITH BATTERY SENSE AND THERMISTOR SENSE

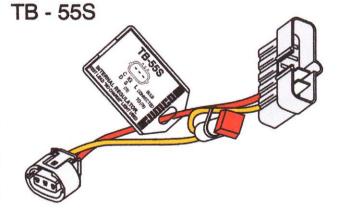


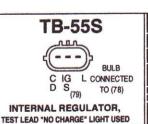


TB-B INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO

AUX V. = OUTPUT V. REGULATOR WITH ORANGE WIRE: CONNECT WHITE LEAD TO "S". REGULATOR WITH WHITE WIRE: CONNECT RED LEAD TO "S".

INTERNAL REG., LESTER PLUG CODES: 317 "C" "IG" "L", 318 "D" "G or IG" "L", and 319 "D" "S" "L"





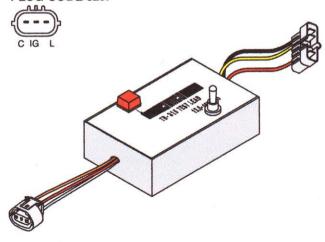
TB-55S

INTERNAL REGULATOR, **ALTERNATOR DOES NOT USE DIODE TRIO** AUX V. = NOT CONN.

> USE TB-80 ON "F-G-L" UNITS

3 TERMINAL, INTERNAL REGULATOR TB - 325

NISSAN PCM CONTROLLED ALTERNATORS, PLUG CODE 325.



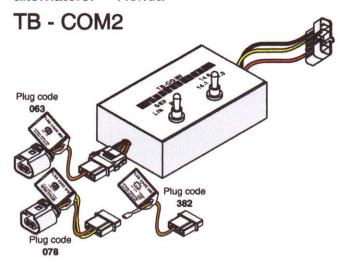
- Verifies correct "no charge" indicator light function.
- Verifies that alternator can receive a signal and operate at two voltage settings.
- Verifies default operation

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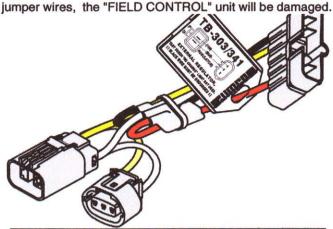
INTERNAL REG., LESTER PLUG CODE: 063, 078 and 382 computer controlled (COM) alternators. Honda



- Switch for both BSS and LIN system selection
- Switch for three preset voltages
- Three plug adapters for plug codes 063, 078 & 382

"--" "D" "P", EXT. (COMPUTER) REGULATOR TB - 303/341 PLUG CODES 303/341

For alternators with a "FIELD CONTROL" unit (looks like a regulator but is **NOT**). Do **NOT** use any other test leads or iumper wires, the "FIELD CONTROL" unit will be damaged.



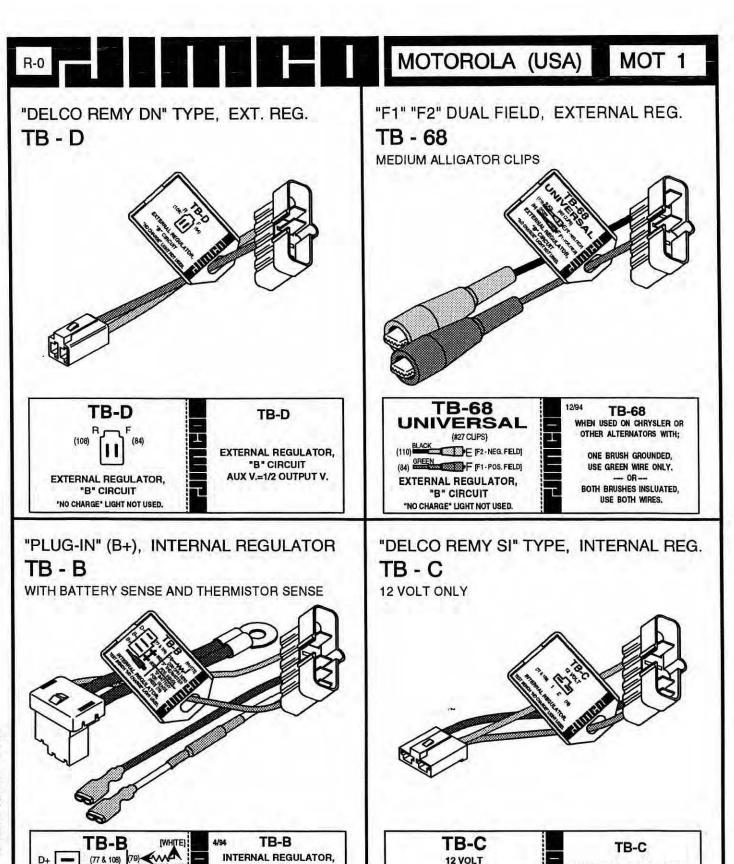
TB-303/341

EXTERNAL REGULATOR,
TEST BENCH "NO CHARGE" LIGHT NOT USED
!! BLACK WIRE MUST BE GROUNDED !!

TB-303/341

ALTERNATOR DOES NOT CONTAIN A REGULATOR. WHAT LOOKS LIKE A REGULATOR IS A "FIELD CONTROL" UNIT.

AUX V. = APPROX. 1/4 VOLT LESS THAN 1/2 OUTPUT V.



TBTLMOT.DRW 04-98

D+

(200 OHM 1/2W

S" THERMISTER

POS. SENSE

"S" BATTERY

[RED] (78)

INTERNAL REGULATOR,

TEST BENCH "NO CHARGE" LIGHT USED.

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(77 & 108) 1 2 (78)

INTERNAL REGULATOR,

TEST BENCH "NO CHARGE" LIGHT USED.

INTERNAL REGULATOR,

ALTERNATOR USES

DIODE TRIO

AUX V. = OUTPUT V.

(USE TB-C24 FOR 24 VOLT)

ALTERNATOR USES

DIODE TRIO

AUX V. = OUTPUT V.

REGULATOR WITH ORANGE WIRE:

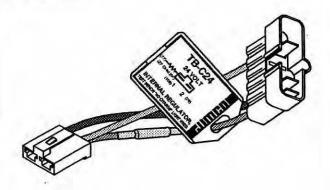
CONNECT WHITE LEAD TO "S".

REGULATOR WITH WHITE WIRE:

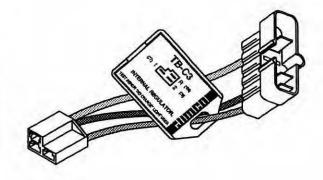
CONNECT RED LEAD TO "S".

"DELCO REMY SI" TYPE, INTERNAL REG. TB - C24

24 VOLT ONLY



"DELCO REMY SI", 3 TERM., INT. REG. TB - C3





24 VOLT

INTERNAL REGULATOR,

TEST BENCH "NO CHARGE" LIGHT USED.

TB-C24

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = OUTPUT V.

(USE TB-C FOR 12 VOLT)

TB-C3

INTERNAL REGULATOR, TEST BENCH "NO CHARGE" LIGHT USED.

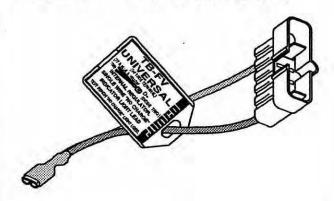
TB-C3

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V.=1/2 OUTPUT V.

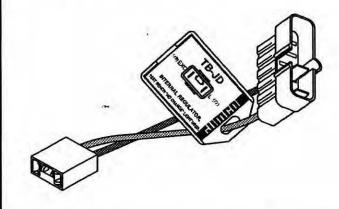
RE-TEST ALTERNATOR WITH TB-C TO MEASURE DIODE TRIO VOLTAGE.

INDICATOR LIGHT, INTERNAL REG. TB - FV

1/4 INCH FEMALE TERMINAL (ALSO SEE TB-96)



JOHN DEERE, INTERNAL REGULATOR TB - JD



TB-FV UNIVERSAL (1/4 WIDE TERMINAL)

(77 &BLUE & YELLOW D+ [DIODE TRIO.] INTERNAL REGULATOR.

SINGLE WIRE "NO CHARGE" INDICATOR LIGHT LEAD TEST BENCH "NO CHARGE" LIGHT USED.

TB-FV

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.

TB-JD



TB-JD

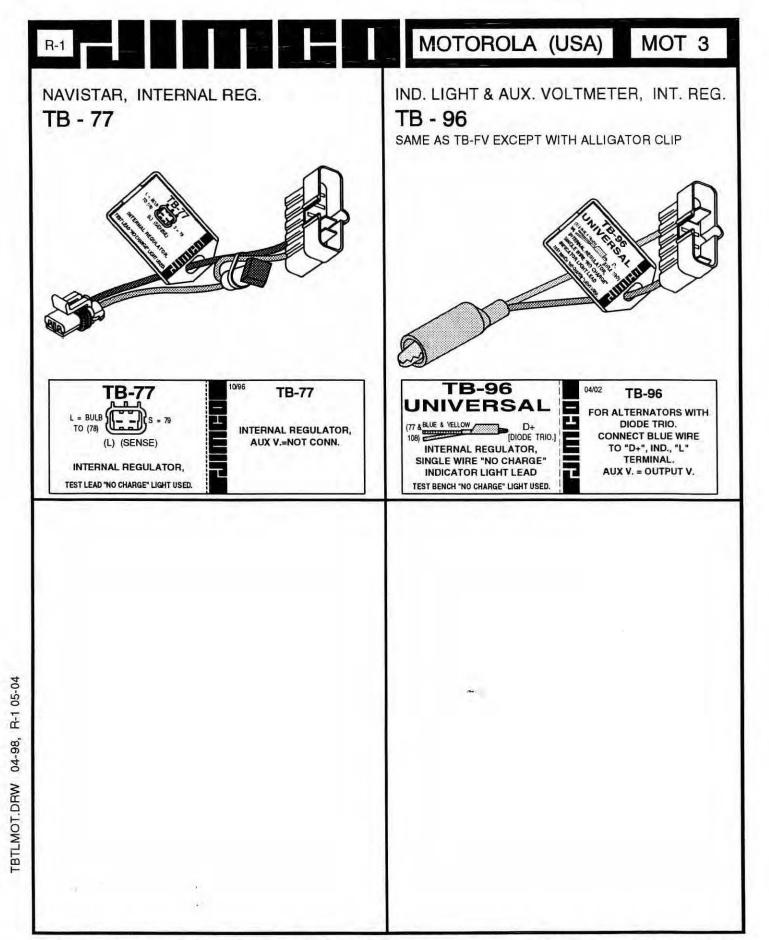
EXTERNAL REGULATOR, AUX V. = NOT CONN., USE YELLOW AUX. VOLT CLIP (109)

INTERNAL REGULATOR, TEST BENCH "NO CHARGE" LIGHT USED.

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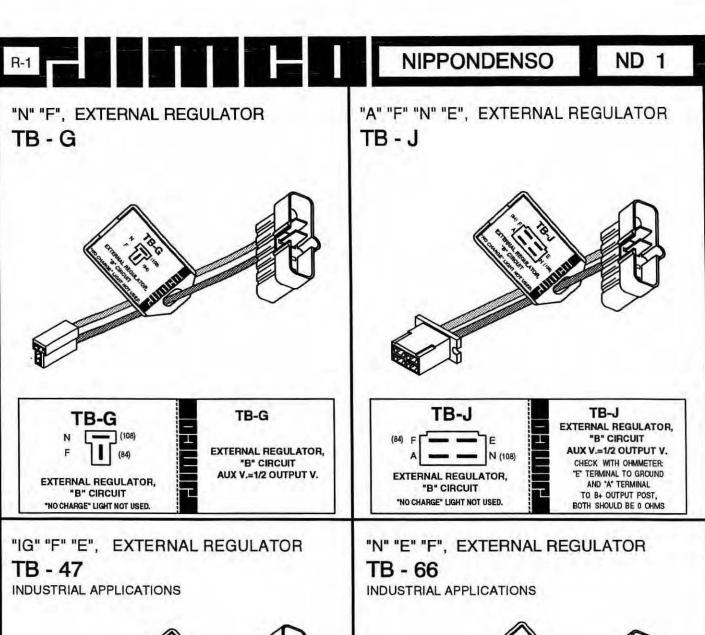
FAX: 816 - 331 - 1971

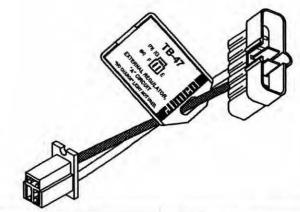


JIMCO, Inc.

Phone: 800 - 821 - 7137

FAX: 816 - 331 - 1971



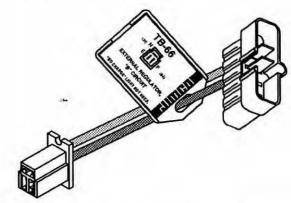


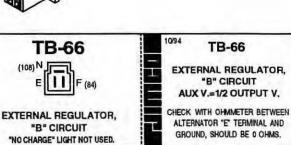


TB-47
EXTERNAL REGULATOR,
"A" CIRCUIT
USE MANUAL RHEOSTAT
AUX V. = NOT CONN.
CHECK WITH OHIMMETER BETWEEN

ALTERNATOR "E" TERMINAL AND

GROUND, SHOULD BE 0 OHMS.





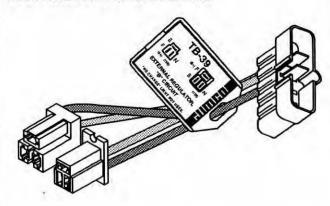
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"E" "F" "N" AND "F" "E" "N", EXT. REG.

TB - 39

ONLY ONE PLUG USED AT A TIME



TB-39

FIII (84) (108) (84) F

EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

TB-39

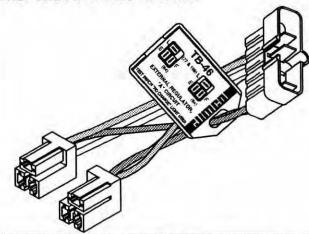
EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

"L" "E" "F", EXTERNAL REGULATOR

TB - 46

ONLY ONE PLUG USED AT A TIME

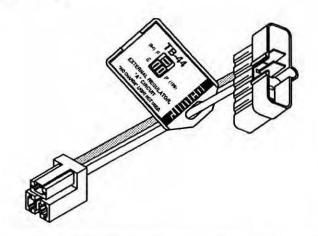


TB-46

EXTERNAL REGULATOR, "A" CIRCUIT TEST BENCH "NO CHARGE" LIGHT USED TB-46

EXTERNAL REGULATOR, "A" CIRCUIT, ALTERNATOR USES DIODE TRIO. **USE MANUAL RHEOSTAT** AUX V. = OUTPUT V.

"F" "E" "P", HONDA, EXTERNAL REG. TB - 44



TB-44

(84) F -P (108)

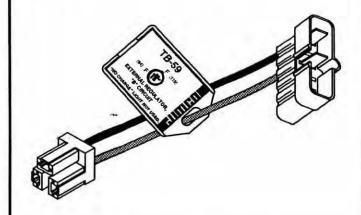
EXTERNAL REGULATOR, "A" CIRCUIT "NO CHARGE" LIGHT NOT USED.

TB-44

EXTERNAL REGULATOR, "A" CIRCUIT, **USE MANUAL RHEOSTAT** AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

CHRYSLER "LH" SERIES, EXTERNAL REG. TB - 59



TB-59

EXTERNAL REGULATOR. "B" CIRCUIT

TB-59

EXTERNAL REGULATOR, "B" CIRCUIT AUX V .= NOT USED

"NO CHARGE" LIGHT NOT USED.

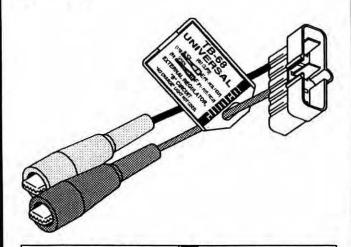
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CHRYSLER, EXTERNAL REGULATOR TB - 68



TB-68 UNIVERSA

(#27 CLIPS) E [F2-NEG. FELD] (84) GREEN F [F1-POS.FELD] EXTERNAL REGULATOR.

"B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

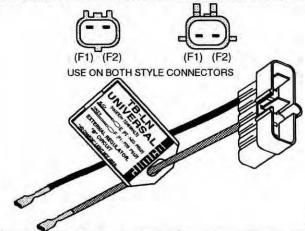
TB-68 WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH:

ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. - OR-

BOTH BRUSHES INSLUATED, USE BOTH WIRES.

NARROW TERMINALS, EXTERNAL REG, TB - LN

CHRYSLER COMPUTER CONTROLLED ALTERNATORS



E [F2 - NEG. FIELD]

F [F1 - POS. FIELD] EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

TB-LN

WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH:

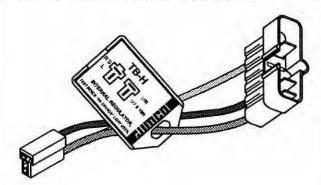
> ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. - OR-

BOTH BRUSHES INSULATED, USE BOTH WIRES.

"R" "L" AND "S" "L", INTERNAL REG.

TB - H

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME, TB - 10 IS "COMPLEX" VERSION.



TB-H

R/S

INTERNAL REGULATOR, TEST BENCH "NO CHARGE" LIGHT USED.

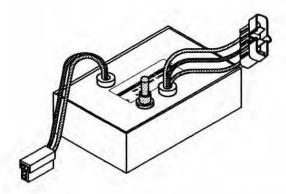
TB-H

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

"R" "L", INTERNAL REG.

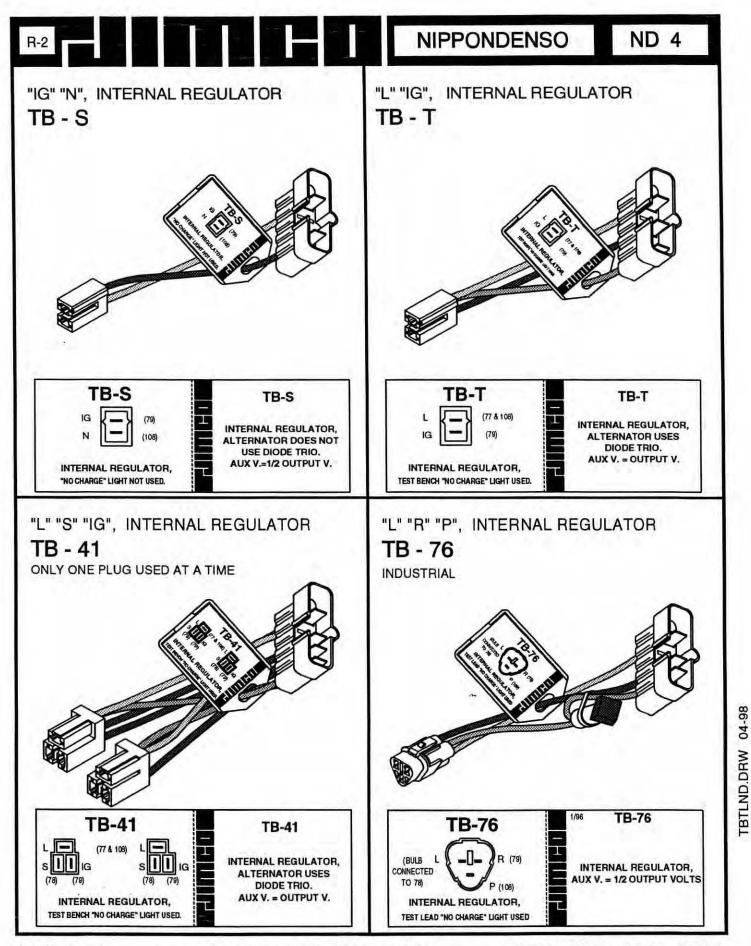
TB - 10

"COMPLEX" VERSION, SEE TB - H FOR "SIMPLE" VERSION.

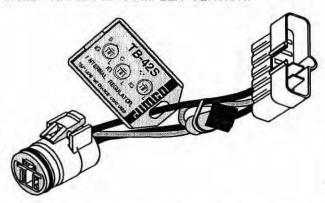


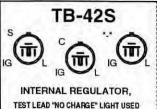
- · Verifies that alternator will excite through the "R" terminal only.
- Verifies correct "L" terminal function.
- Monitors diode trio voltage on the auxiliary voltmeter.
- Determines if anti-feedback diode is functional (when equipped).

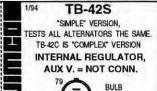
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"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 52C IS "COMPLEX" VERSION.



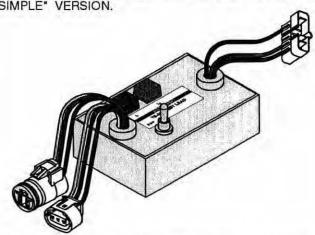




CONNECTED

ROUND / OVAL PLUG, 3 TERM., INT. REG. TB - 52C

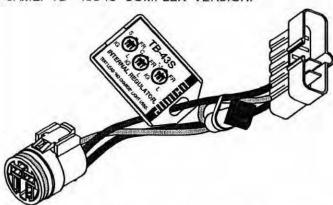
"COMPLEX" VERSION, SEE TB - 42S AND TB - 52S FOR "SIMPLE" VERSION.

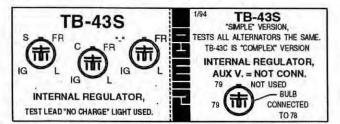


- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- Verifies "S" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

ROUND PLUG, 4 TERM., INTERNAL REG. TB - 43S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 43C IS "COMPLEX" VERSION.

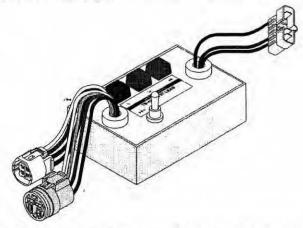




ROUND / SQUARE PLUG, 4 TERM., INT. REG.

TB - 43/79C

"COMPLEX" VERSION, SEE TB - 43S AND TB-79S FOR "SIMPLE" VERSION.

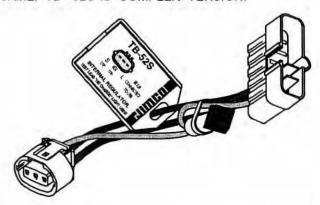


- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- Verifies "S", "C", "FR" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

TBTLND.DRW 04-98 R-2 07-08

OVAL PLUG, INTERNAL REGULATOR TB - 52S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB - 52C IS "COMPLEX" VERSION.



TB-52S S IG L CONNECTED (79) (79) TO (78)

INTERNAL REGULATOR.

TEST LEAD "NO CHARGE" LIGHT USED

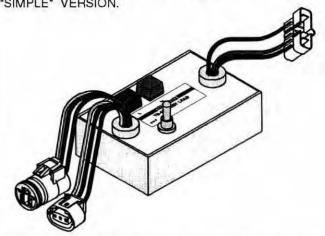
297 TB-52S

INTERNAL REGULATOR, ALTERNATOR DOES NOT USE DIODE TRIO AUX V. = NOT CONN.

> USE TB-80 ON "F-G-L" UNITS

OVAL PLUG, INTERNAL REGULATOR TB - 52C

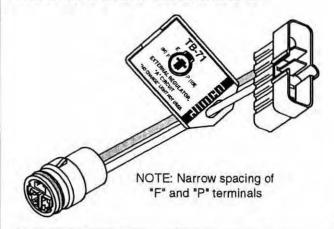
"COMPLEX" VERSION, SEE TB - 42S AND TB - 52S FOR "SIMPLE" VERSION.

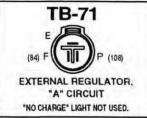


- · Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- Verifies "S" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

ROUND PLUG, EXTERNAL REGULATOR TB - 71

1988-90 TOYOTA MR2 - SUPERCHARGED



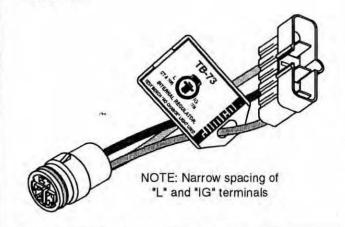


6/95 TB-71

EXTERNAL REGULATOR,
"A" CIRCUIT,
USE MANUAL RHEOSTAT
AUX V.=1/2 OUTPUT V.

CHECK WITH OHMMETER BETWEEN ALTERNATOR "E" TERMINAL AND GROUND, SHOULD BE 0 OHMS.

ROUND PLUG, INTERNAL REGULATOR TB - 73 INDUSTRIAL

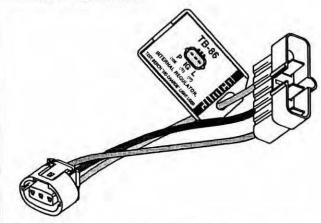


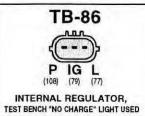


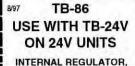
95 TB-73

INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO AUX V. = OUTPUT V.

"P - IG - L" TERMINALS







AUX V. = 1/2 OUTPUT VOLTS

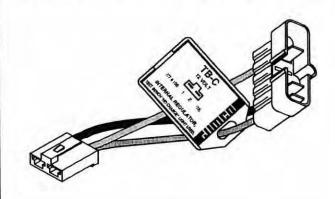
USE TB-80 ON

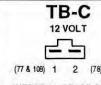
"F-IG-L" UNITS.

JOHN DEERE "IG" "S", INTERNAL REG.

TB - C

NO CHARGE INDICATOR LIGHT DOES NOT OPERATE





INTERNAL REGULATOR, TEST BENCH 'NO CHARGE' LIGHT USED.

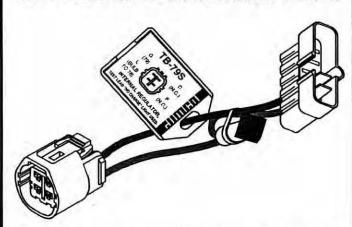
TB-C

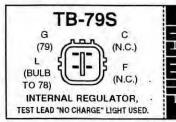
INTERNAL REGULATOR, ALTERNATOR USES DIODE TRIO. AUX V. = OUTPUT V.

(USE TB-C24 FOR 24 VOLT)

SQUARE PLUG, 4 TERM., INTERNAL REG. TB - 79S

"SIMPLE" VERSION. TB - 79C IS "COMPLEX" VERSION.





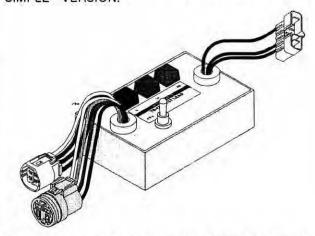
98 TB-79S

"SIMPLE" VERSION, TESTS ALL ALTERNATORS THE SAME. TB-79C IS "COMPLEX" VERSION

INTERNAL REGULATOR, AUX V. = NOT CONN. ROUND / SQUARE PLUG, 4 TERM., INT. REG.

TB - 43/79C

"COMPLEX" VERSION, SEE TB - 43S AND TB-79S FOR "SIMPLE" VERSION.

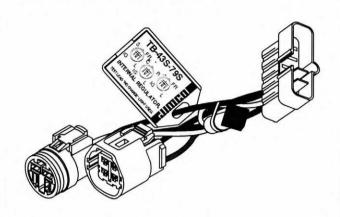


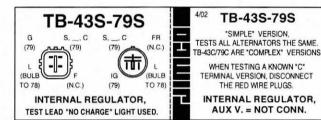
- Verifies correct "no charge" indicator light function.
- Determines if indicator light is (L) or (L+).
- · Verifies "S", "C", "FR" terminal operation.
- Test procedure determines which terminal version regulator is being used if terminal markings are unknown (alternator must be operational).

TBTLND.DRW 01-99 R-5 07-08



"COMBINATION TB-43S AND TB-79S

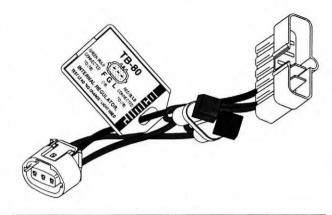


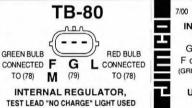


"M" "IG" "L", INTERNAL REGULATOR

TB - 80

SAME AS MITSUBISHI "F" "G" "L"



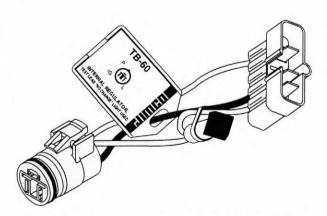


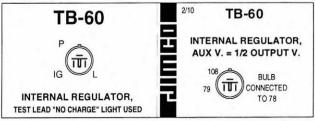
7/00 TB-80

INTERNAL REGULATOR,
AUX V. = NOT CONN.
G = (IG) = IGNITION POS.
F or M = (FR) = FIELD RATE
(GREEN LIGHT = ON AT HIGH OUTPUT,
DIMOFF AT LOW OUTPUT)
USE TB-53S OR TB-53C
FOR "S-IG-L" UNITS.

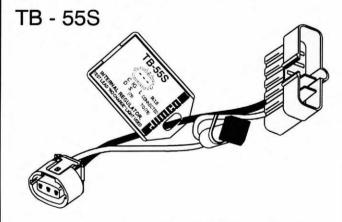
"P" "IG" "L", INTERNAL REGULATOR TB -60

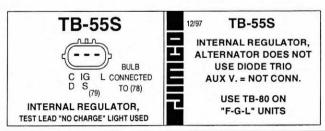
INDUSTRIAL



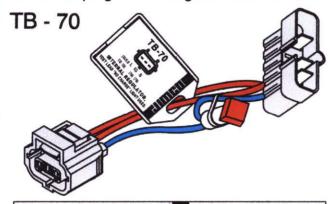


INTERNAL REG., LESTER PLUG CODES: 317 "C" "IG" "L", 318 "D" "G or IG" "L", 319 "D" "S" "L" and 325 "C" "S" "L"





No Lester plug code assigned at this time.

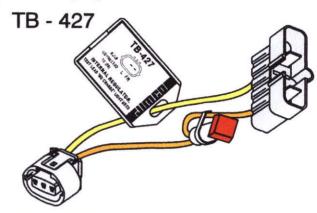


TB-70 (BULB L IG S TO 78) (79) (79) INTERNAL REGULATOR, TEST LEAD "NO CHARGE" LIGHT USED. **TB-70**

IMPORTANT NOT THE SAME **AS FORD 6G**

INTERNAL REGULATOR,

INTERNAL REG., Denso Alternator (made by Denso Poong Sung in Korea) for Hyundai and KIA. Lester plug code 427 with a two terminal plug "L"-"FR".



TB-427 CONNECTED TO (78) INTERNAL REGULATOR, TEST LEAD "NO CHARGE" LIGHT USED

TB-427 LESTER PLUG CODE 427

"FR" TERMINAL VOLTAGE SHOULD DECREASE AS **OUTPUT AMPS** (LOAD) INCREASE.

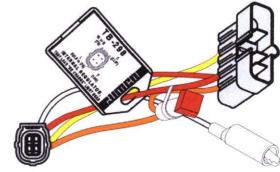
USE TB-80 ON "F-G-L" UNITS

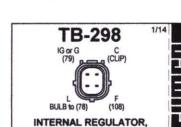
INTERNAL REG., LESTER PLUG CODE: 344 3 terminal plug "LI" "RC" "AS". Use with TB-88 or TB-88S test lead.

TB - 88B

INTERNAL REG., LESTER PLUG CODE: 298 4 terminal plug "IG" "C" "L" "F". Late model HONDA with small connector.

TB - 298

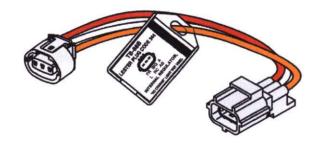




TEST LEAD "NO CHARGE" LIGHT USED

LESTER PLUG CODE 298 1. Small WHITE lead clip NOT connected, N/C light will be OFF

with normal volts and amps. AUX volts should DECREASE as output AMPS (load) INCREASES. 2. If alt. tests good, connect WHITE clip to ground (-). Volts should decrease 1/2V or more.



TB-88B LESTER PLUG CODE 344

FR SIG A L RC AS INTERNAL REGULATOR, "NO CHARGE" LIGHT NOT USED.

TB-88B LESTER PLUG CODE 344

> Computer operated alternator AUX V.= NOT CONN.

THIS IS AN ADAPTER LEAD FOR TESTING COMPUTER CONTROLLED ALTERNATORS. IT MUST BE USED WITH TEST LEAD TB88 OR TB88S

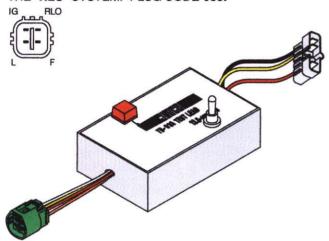
JIMCO, Inc.

Phone: 800 - 821 - 7137

FAX: 816 - 331 - 1971

4 TERMINAL, INTERNAL REGULATOR TB - 933

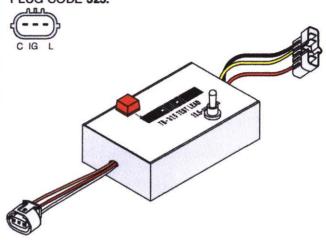
TOYOTA PCM CONTROLLED ALTERNATORS USING THE "RLO" SYSTEM. PLUG CODE 933.



- Verifies correct "no charge" indicator light function.
- Verifies that alternator can receive a signal and operate at two voltage settings.
- Verifies default non-RLO operation

3 TERMINAL, INTERNAL REGULATOR TB - 325

NISSAN PCM CONTROLLED ALTERNATORS, PLUG CODE **325**.

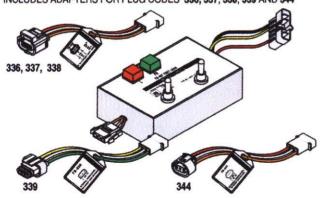


- Verifies correct "no charge" indicator light function.
- Verifies that alternator can receive a signal and operate at two voltage settings.
- Verifies default operation

"6G" & "6G-SIGNAL", INTERNAL REG.

TB - 337 replaces TB - 88, TB - 88S

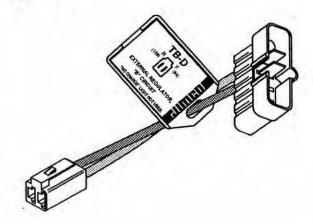
"COMPLEX" VERSION, SEE TB - 6G FOR "SIMPLE"
VERSION, TESTS ALL 3 VERSIONS:
"I"(L) "__"(__) "A"(SENSE) = STANDARD OPERATION
"I"(L) "GLI"(FR) "A"(SENSE) = STANDARD OPERATION
"LI" "GEN-MON"(FR), "RC""GEN-COM"(SIG), "AS" "A"(SENSE) = SIGNAL OPER.
INCLUDES ADAPTERS FOR PLUG CODES 336, 337, 338, 339 AND 344

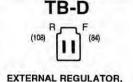


- · Verifies correct indicator light function (when used).
- Provides digital signal to the "RC" "GEN-COM"(SIG) terminal (when used) for both normal & low output.
- · Verifies "LI" "GEN-MON" (FR) terminal funtion (when used).
- Determines which version you have (alt. must be operational).

FBTLND.DRW 01-14

"DELCO 10DN" STYLE, EXTERNAL REG. TB - D

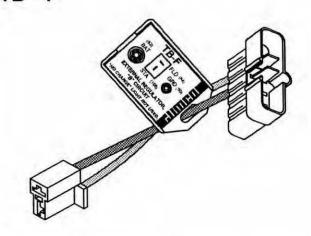


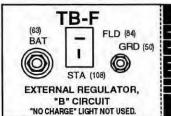


EXTERNAL REGULATOR,
"B" CIRCUIT
"NO CHARGE" LIGHT NOT USED.

TB-D

EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V. SIDE TERMINAL, EXTERNAL REG. **TB - F**

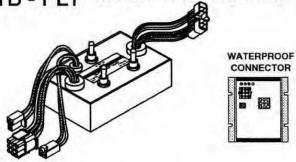




TB-F

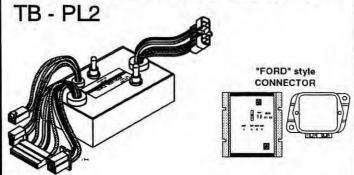
EXTERNAL REGULATOR, "B" CIRCUIT AUX V.=1/2 OUTPUT V.

TB - PL1 WATERPROOF CONNECTOR



- Verifies correct regulator operation and interaction with the alternator.
- Allows you to show your customer that both the alternator and regulator are operational - together!
- Operates regulator in all modes: "IGNITION" turnon; "NO CHARGE indicator light" turn-on; and "AC self-exciting" turn-on.
- Operates regulator as: INTERNAL sense; BATTERY 1 sense; BATTERY 2 sense.
- Compatable with both Delco and Ford style alternator plugs.
- Tests both 12 and 24 volt units (TB-24V indicator light adapter required for 24 volt).

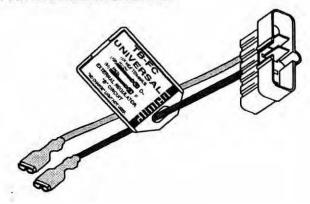
"FORD" STYLE, EXTERNAL REGULATOR



- Verifies correct regulator operation and interaction with the alternator.
- Allows you to show your customer that both the alternator and regulator are operational - together!
- Operates regulator in all modes: "IGNITION" turnon; "NO CHARGE indicator light" turn-on;.
- Operates regulator as: INTERNAL sense; BATTERY 1 sense; BATTERY 2 sense.
- Compatable with both Delco and Ford style alternator plugs.
- Tests both 12 and 24 volt units (TB-24V indicator light adapter required for 24 volt).

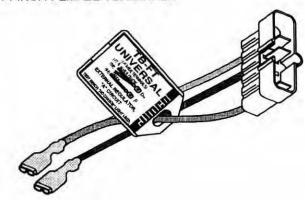
FIELD & AUX. VOLTMETER, EXT. REG. TB - FC

1/4 INCH FEMALE TERMINALS



FIELD & IND. LIGHT, EXTERNAL REG. TB - FT

1/4 INCH FEMALE TERMINALS



TB-FC NIVERSA (1/4 WIDE TERMINALS)

(108) YELLOW **■** D+ (84) GREEN F

EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

12/94 TB-FC

CONNECT GREEN TO "FIELD" TERMINAL AND YELLOW TO "D+" TERMINAL. AUX V. = OUTPUT V.

TB-FT

(77 & BLUE & YELLOW 108) (84) GREEN ₹ F

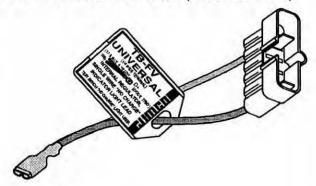
EXTERNAL REGULATOR. "A" CIRCUIT TEST BENCH "NO CHARGE" LIGHT USED

TB-FT

CONNECT GREEN TO "FIELD" TERMINAL AND BLUE/YELLOW TO D+ TERMINAL. AUX V. = OUTPUT V.

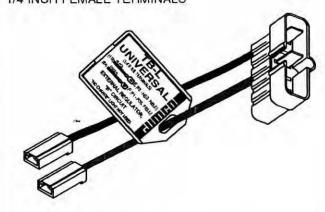
IND. LIGHT & AUX. VOLTMETER, INT. REG. TB - FV

1/4 INCH FEMALE TERMINALS (ALSO SEE TB-96)



FIELD & NEGATIVE, EXTERNAL REG. TB - L

1/4 INCH FEMALE TERMINALS



TB-FV

D+ [DIODE TRIO. INTERNAL REGULATOR. SINGLE WIRE "NO CHARGE"

INDICATOR LIGHT LEAD TEST BENCH "NO CHARGE" LIGHT USED.

TB-FV

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.

TB-I

E [F2 · NEG. FIELD] (84) GREEN F [F1 - POS. FIELD] EXTERNAL REGULATOR.

"B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

TB-L

WHEN USED ON CHRYSLER OF OTHER ALTERNATORS WITH;

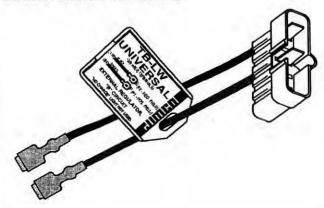
ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. -- OR --BOTH BRUSHES INSLUATED. USE BOTH WIRES.

JIMCO, Inc.

Phone: 800 - 821 - 7137

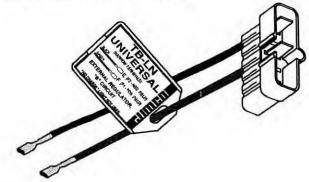
FAX: 816 - 331 - 1971

3/8 INCH FEMALE TERMINALS



TB - LN .110 INCH FEMALE TERMINALS

FIELD & NEGATIVE, EXTERNAL REG.



TB-LW JNIVERSA (3/8 WIDE TERMINALS)

E [F2 - NEG. FIELD] F [F1-POS. FIELD]

> EXTERNAL REGULATOR. "B" CIRCUIT
> "NO CHARGE" LIGHT NOT USED.

TB-LW

WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;

ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. - OR-BOTH BRUSHES INSLUATED, USE BOTH WIRES.

TB-LN UNIVERSAI

(NARROW TERMINALS) E [F2 - NEG. FIELD]

F [F1 - POS. FIELD] EXTERNAL REGULATOR, "B" CIRCUIT "NO CHARGE" LIGHT NOT USED.

TB-LN

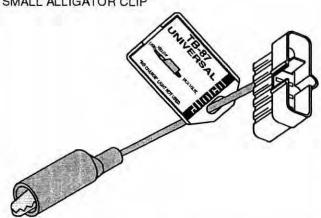
WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;

ONE BRUSH GROUNDED. USE GREEN WIRE ONLY. - OR-BOTH BRUSHES INSULATED. USE BOTH WIRES.

TEST BENCH AUX. VOLTS

TB - 87

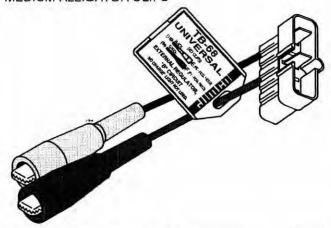
SMALL ALLIGATOR CLIP



FIELD & NEGATIVE, EXTERNAL REG.

TB - 68

MEDIUM ALLIGATOR CLIPS



TB-87 UNIVERSAL

[AUX. VOLTS]

"NO CHARGE" LIGHT NOT USED.

TB-87 NOTE: YELLOW CLIP IS TEST BENCH "AUX. VOLTS"

D+, 1, 61 = DIODE TRIO. AUX. VOLTS = OUTPUT VOLTS

R. P. S(P1) = STATOR TERMINAL AUX. VOLTS = 1/2 OUTPUT VOLTS

TB-68 UNIVERSAL

(#27 CLIPS) (110) BLACK [F2 - NEG. FIELD] (84) GREEN F [F1 - POS. FIELD] EXTERNAL REGULATOR. "B" CIRCUIT

"NO CHARGE" LIGHT NOT USED.

TB-68

WHEN USED ON CHRYSLER OR OTHER ALTERNATORS WITH;

ONE BRUSH GROUNDED, USE GREEN WIRE ONLY. -- OR --BOTH BRUSHES INSLUATED, USE BOTH WIRES.

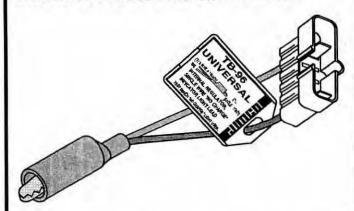
Phone: 800 - 821 - 7137 • FAX: 816 - 331 - 1971

04-98, "BTLUN.DRW

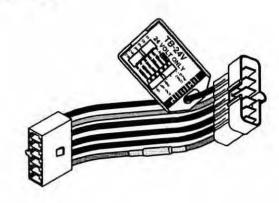
JIMCO, Inc.

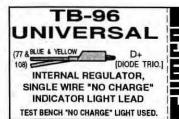
IND. LIGHT & AUX. VOLTMETER, INT. REG. TB - 96

SAME AS TB-FV EXCEPT WITH ALLIGATOR CLIP

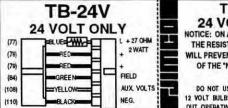


ADAPTS TEST BENCH IND. LIGHT TO 24V TB - 24V





04/02 TB-96 FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.



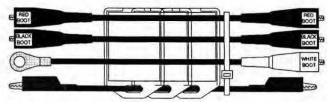
TB-24V 24 VOLT ONLY NOTICE: ON A 12 VOLT APPLICATION

THE RESISTOR IN THIS ADAPTER WILL PREVENT FULL ILLUMINATION OF THE "NO CHARGE" LIGHT .

WARNING: DO NOT USE TEST LEADS USING 12 YOLT BULBS. THE BULBS WILL BURN OUT OPERATING ON 24 VOLT SYSTEMS

GENERATOR-REGULATOR TEST LEAD SET T95-TBGENREG

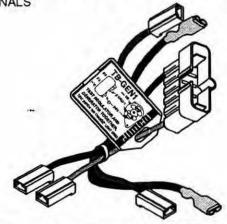
UNIVERSAL TEST LEAD SET TO OPERATE GENERATOR WITH ITS REGULATOR ON TEST STAND. MADE WITH HEAVY DUTY FLEXIBLE WIRES. JIMCO TAGS PROVIDE QUICK HOOK-UP INFORMATION.

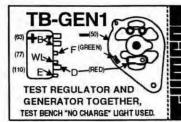




GENERATOR & REGULATOR TOGETHER TB - GEN1

LUCAS GENERATOR & REGULATORS WITH "PUSH-ON" **TERMINALS**





TB-GEN1 TEST REGULATOR AND GENERATOR TOGETHER, AUX V.= NOT CONN.

-- REGULATOR--E = BLACK (110) D = RED WIRE WL. BLUE (77) F = GREEN WIRE B = T B. RED CUP (+)

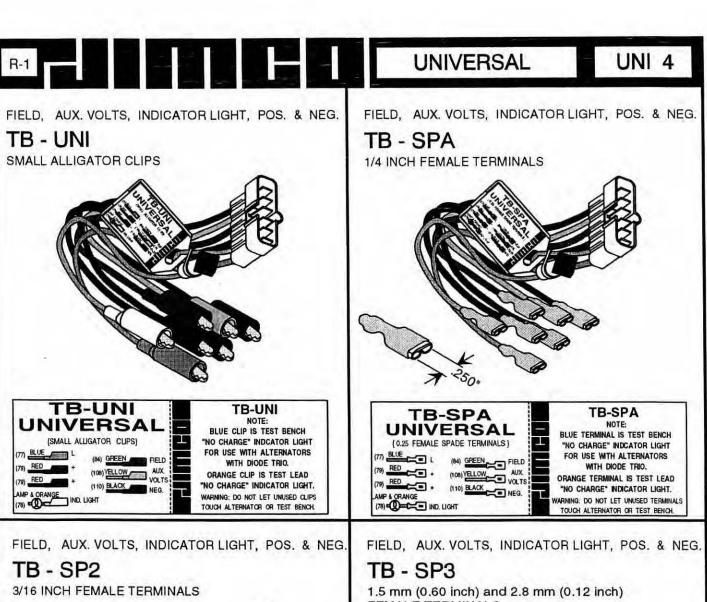
-- GENERATOR-F = GREEN WIRE D = RED WIRE CASE = TB BLACK CLIP (

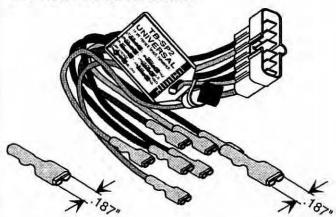
SEE PAGE IN MANUAL TITLED TB GENT TEST LEAD TYPICAL LUCAS GENERATOR

JIMCO, Inc.

Phone: 800 - 821 - 7137

FAX: 816 - 331 - 1971







(77) BLUE L (84) GREEN FIELD (79) RED AUX. (79) RED = + (110) BLACK = NEG. AMP & ORANGE (78) DECE IND. LIGHT

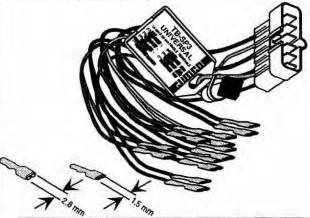
TB-SP2 NOTE:

BLUE TERMINAL IS TEST BENCH "NO CHARGE" INDCATOR LIGHT FOR USE WITH ALTERNATORS WITH DIODE TRIO.

ORANGE TERMINAL IS TEST LEAD "NO CHARGE" INDICATOR LIGHT.

WARNING: DO NOT LET UNUSED TERMINALS TOUCH ALTERNATOR OR TEST BENCH.

FEMALE TERMINALS



TB-SP3 1.5 mm & 2.8 mm FEMALE TERMINALS

(84) GREEN (108) YELLOW AUX. VOLTS (79) RED (79) RED AMP & ORANGE (78) (78) IND. LIGHT

TB-SP3 NOTE:

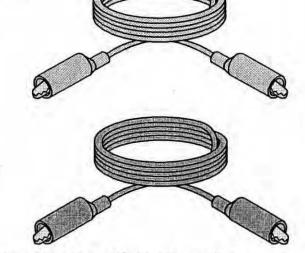
BLUE TERMINAL IS TEST BENCH
"NO CHARGE" INDCATOR LIGHT
FOR USE WITH ALTERNATORS
WITH DIODE TRIO.

ORANGE TERMINAL IS TEST LEAD "NO CHARGE" INDICATOR LIGHT.

WARNING: DO NOT LET UNUSED TERMINALS TOUCH ALTERNATOR OR TEST BENCH

W600

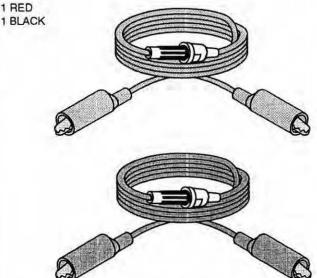
1 RED 1 BLACK



- Jumper lead set, SMALL alligator clips.
- 14 ga. wire, 48" long.

JUMPER WIRES WITH IN-LINE FUSES W650

1 RED

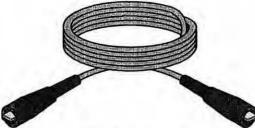


- · Jumper lead set, SMALL alligator clips with in-line fuse holder.
- 14 ga. wire, 48" long.

MEDIUM DUTY JUMPER WIRES

W700

1 w/GREEN clips 1 w/ YELLOW clips

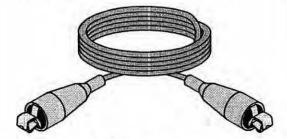


- Jumper lead set, MEDIUM alligator clips (open 5/8").
- 12 ga. black wire, 60" long.

HEAVY DUTY JUMPER WIRES

W800

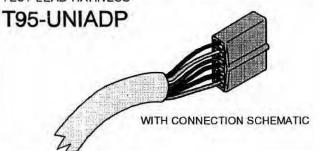
1 w/RED clips 1 w/BLACK clips



- Jumper lead set, LARGE alligator clips (open 1").
- · 4 ga. black wire (heavier than most booster cables), 72" long with COPPER clips.

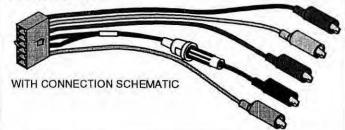
Phone: 800 - 821 - 7137 • FAX: 816 - 331 - 1971 JIMCO, Inc.

UNIVERSAL ADAPTER HARNESS TO USE JIMCO TEST LEADS ON NON-JIMCO TEST BENCHES THAT HAVE NO TEST LEAD HARNESS



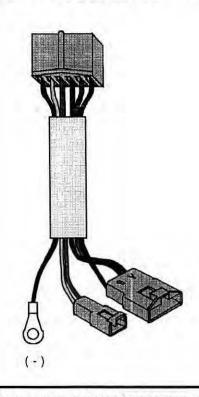
UNIVERSAL ADAPTER HARNESS WITH ALLIGATOR CLIPS TO USE JIMCO TEST LEADS ON NON-JIMCO TEST BENCHES THAT HAVE NO TEST LEAD HARNESS

ET60UNI



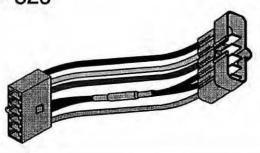
ADAPTER TO USE JIMCO TEST LEADS ON NON-JIMCO TEST BENCHES THAT HAVE DELCO 10DN & 10SI PLUGS

ET60

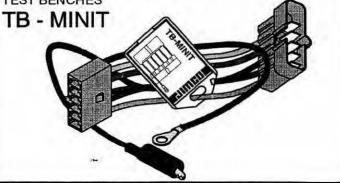


ADAPTS JIMCO TEST LEADS TO NON-JIMCO TEST BENCHES WITH 5 WIRES IN TEST LEAD PLUG

TB - 526

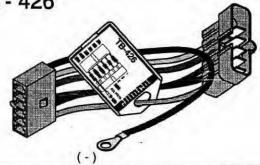


ADAPTS JIMCO TEST LEADS TO MINI-TUNE BATTERY-LESS **TEST BENCHES**



ADAPTS JIMCO TEST LEADS TO NON-JIMCO TEST BENCHES WITH 4 WIRES IN TEST LEAD PLUG

TB - 426

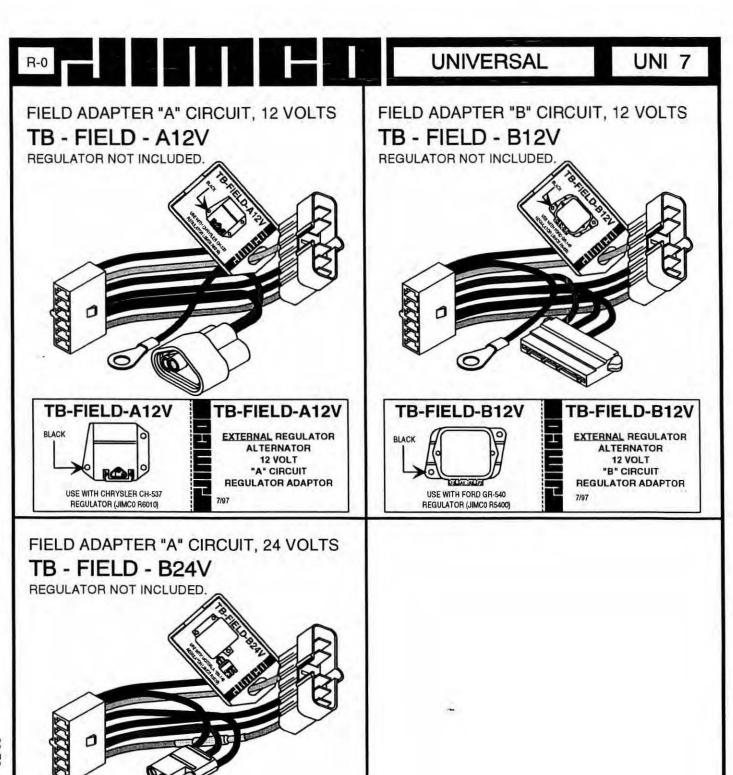


6 WIRE STRAIGHT THROUGH EXTENSION HARNESS

TB - 626



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TBTLUN.DRW 02-06

TB-FIELD-B24V

USE WITH MOTORLA 105-148 REGULATOR (JIMCO R5070)

JIMCO, Inc. • Phone: 800 - 821 - 7137 • FAX: 816 - 331 - 1971

TB-FIELD-B24V

EXTERNAL REGULATOR
ALTERNATOR
24 VOLT
"B" CIRCUIT
REGULATOR ADAPTOR

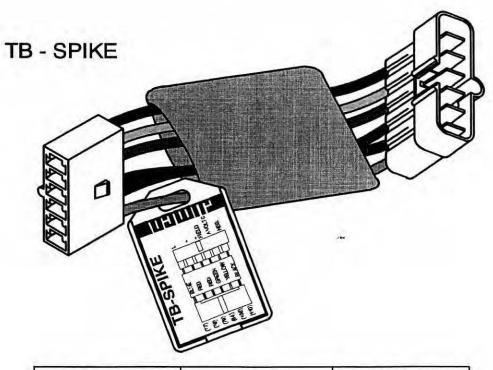
VOLTAGE SPIKE SUPPRESSOR

If the state of th to protect voltage regulators that are susceptible to damage from voltage spikes.

Use this suppressor between your test bench adapter harness and ANY test lead to KILL voltage spikes that may damage sensistive voltage regulators. This supressor may be left connected on your test bench on 6, 12 and 24 volt systems.

What is a transient? It is a short "burst" of very high voltage resulting from the sudden release of stored energy. Transient voltages have little effect on mechanical or electromechanical devices but are devastating to solid state components.

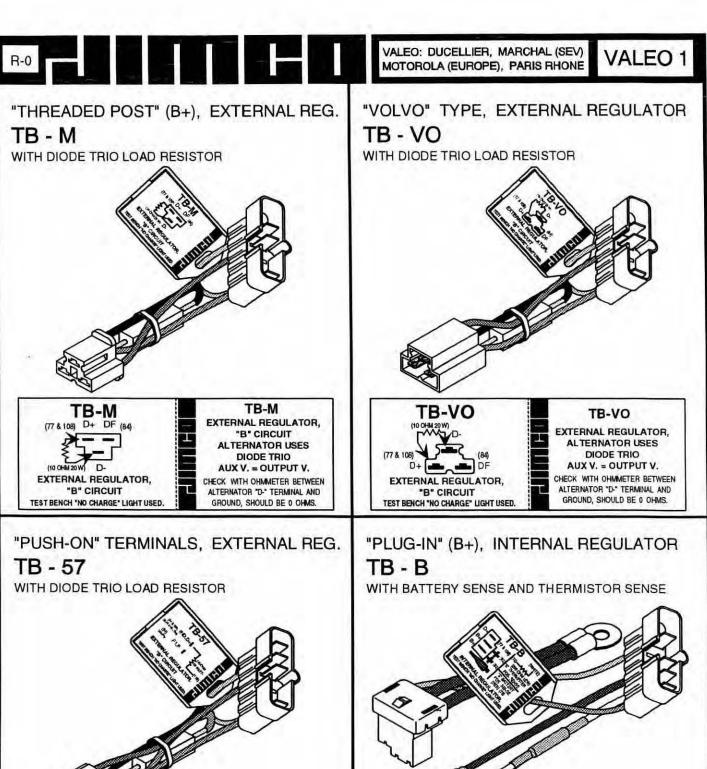
ITTLE II transient suppressors use components that were created by the computer industry to protect valuable computers.

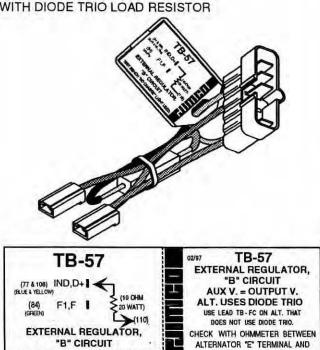


MAX. APPLIED	PEAK	TYPICAL
CONTINUOUS	AMPS	CAPACITANCE
D.C. VOLTAGE	8/20 MICRO SEC.	PF
. 38	1000	5500

JIMCO, Inc.

Phone: 800 - 821 - 7137
 FAX: 816 - 331 - 1971

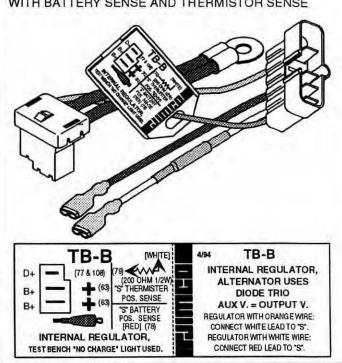




TEST BENCH "NO CHARGE" LIGHT USED.

04-98

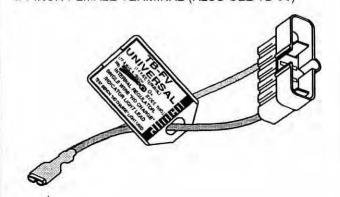
TBTLVAL.DRW



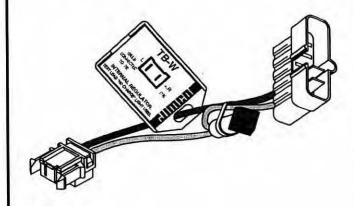
JIMCO, Inc. Phone: 800 - 821 - 7137 • FAX: 816 - 331 - 1971

GROUND, SHOULD BE 0 OHMS.

TB - FV 1/4 INCH FEMALE TERMINAL (ALSO SEE TB-96)



"FRENCH" TYPE, INTERNAL REGULATOR TB - W

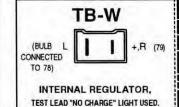




(77 &BLUE & YELLOW THE DE TRIO. INTERNAL REGULATOR, SINGLE WIRE "NO CHARGE" INDICATOR LIGHT LEAD TEST BENCH "NO CHARGE" LIGHT USED.

TB-FV

FOR ALTERNATORS WITH DIODE TRIO. CONNECT BLUE WIRE TO "D+", IND., "L" TERMINAL. AUX V. = OUTPUT V.



TB-W

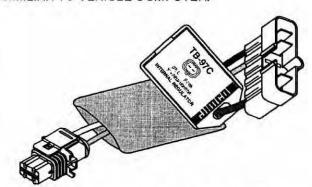
INTERNAL REGULATOR, AUX V. = NOT CONN.

TEST LEAD HAS TWO DIFFERENT SIZE TERMINALS WHICH CAN ONLY BE ATTACHED ONE WAY.

AD SERIES, INTERNAL REG. "L" and "F" TB - 97C

"COMPUTER" VERSION

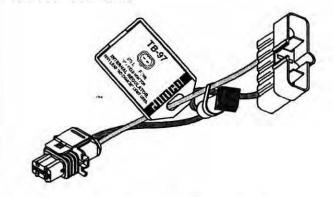
OPERATES ALTERNATOR WITH DIGITAL SIGNAL SIMILIAR TO VEHICLE COMPUTER.



GENERAL MOTORS, INTERNAL REG. "L" and "F"

TB - 97

"SIMPLE" VERSION



TB-97C



"F" = FIELD MONITOR INTERNAL REGULATOR,

TB-97C INTERNAL REGULATOR, AUX V. = SEE BELOW

"RVC" COMPUTER CONTROLLED

"DFM" TERMINAL VOLTAGE SHOULD INCREASE AS UTPUT AMPS (LOAD) INCREASE **TB-97**

(77) L F (108) "F" = FIELD MONITOR

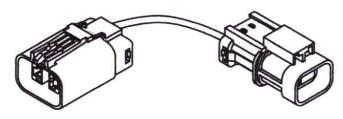
INTERNAL REGULATOR, TEST LEAD "NO CHARGE" LIGHT USED.

TB-97 INTERNAL REGULATOR, AUX V. = SEE BELOW

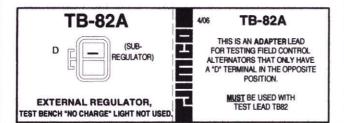
"RVC" ALTERNATOR WILL TURN-ON' AT APPROX, 3100 RPM

DFM TERMINAL VOLTAGE SHOULD INCREASE AS **OUTPUT AMPS (LOAD) INCREASE**

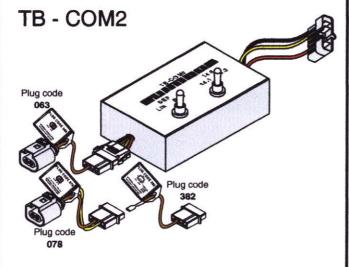
ADAPTER TO ALLOW TB-82 TEST LEAD TO TEST HYUNDAI "D" TERMINAL ALTERNATORS. For alternators with a "FIELD CONTROL" unit. Do NOT use any other test leads or jumper wires, the "FIELD CONTROL" unit will be damaged.



MUST BE USED WITH TB-82



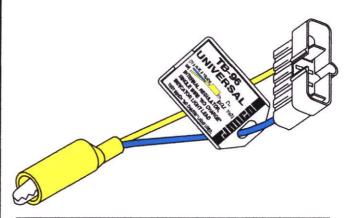
INTERNAL REG., LESTER PLUG CODE: 063, 078 and 382 computer controlled (COM) alternators

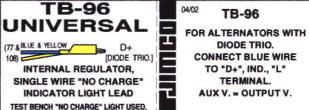


- Switch for both BSS and LIN system selection
- Switch for three preset voltages
- Three plug adapters for plug codes 063, 078 & 382

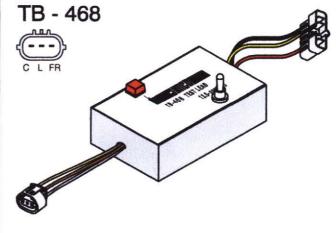
IND. LIGHT & AUX. VOLTMETER, INT. REG. TB - 96

SAME AS TB-FV EXCEPT WITH ALLIGATOR CLIP





INTERNAL REG., LESTER PLUG CODE: 468 PCM controlled alternators as used on HYUNDAI and KIA.



- Verifies correct "no charge" indicator light function.
- Verifies that alternator can receive a signal and operate at two voltage settings.
- Verifies default operation

TBTLVAL.DRW 04-06, R-3 11-15

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BASIC Set

(part no. T95-TLBASIC)

IB-B	Lucas, Bosch int. reg.
TB-C	Delco 10-12-15-17-27 S
TB-D	Delco 10-20 DN
TR-H	"C 1 " 2 "D 1 " int roa

'S, L" & "R, L" int. reg. TB-LN Chrysler small terminal TB-SL Hit., Mits. oval "S, L TB-UNI Universal w/ clips TB-3G67 * Ford 3G combo TB-41 Nippon. "L, S, IG"

TB-42S Nippon./Mits 3 terminal TB-43S79S * Nippon./Mits 4 term. combo **TB-52S** Nippon./Mits Oval 3 terminal

TB-6G Ford 6G

TB-8S53S * Delco CS, CS130D, AD combo

TB-9S Ford IAR simple

* Combination lead = 2 leads

PREMIUM Set

(part no. TLPREM)

TB-C3 Delco 10 SI w/ "R" Ford side terminal TB-F TB-JD Motorola John Deere TB-SPA Universal w 1/4" term.

TB-SPIKE Transient voltage suppressor TB-24V 24 Volt ind. light adapter TB-7 Ford tractor thermistor TB-75 Hit., Mits. oval "G. S. L. F"

TB-80 Nippon./Mits "F, G, L" "M, G, L"

Hit., Mits. "P. D" TB-82

Ford 6G complex (computer oper.) TB-337

Bosch/Valeo "L. DFM" TB-93 TB-346 General Motors "L, F"

(includes BASIC Set)

QC5BT Set

(part no. T95-QC5JTLBASIC)

TB-C	Delco 10-12-15-17-27 S
ТВ-Н	"S, L" & "R, L" int. reg.
TB-SL	Hit., Mits. oval "S, L
TB-3G67 *	Ford 3G combo
TB-41	Nippon. "L, S, IG"
TB-42S	Nippon./Mits 3 terminal

TB-43S79S * Nippon./Mits 4 term. combo **TB-52S** Nippon./Mits Oval 3 terminal TB-8S53S * Delco CS, CS130D, AD combo

TB-9S Ford IAR (2G)

TB-96 Universal indicator light

* Combination lead = 2 leads

AG & INDUSTRIAL Set

(part no. T95-TBTLAGKIT)

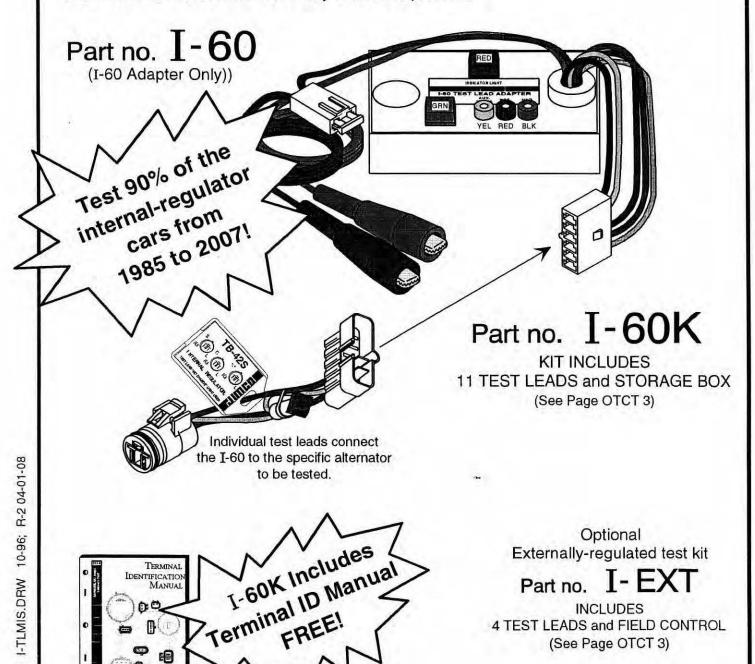
TB-B	Lucas, Bosch int. reg.
TB-C	Delco 10-12-15-17-27 S

TB-D Delco 10-20 DN TB-G "F, N" ext. req.

TB-H "S, L" & "R, L" int. reg. TB-JD Motorola John Deere **TB-42S** Nippon./Mits 3 terminal TB-7 Ford tractor thermistor **GENREG** "Generator & Regulator The alternator works on the test stand but **NOT** on the car! Is the problem the alternator or the vehicle wiring? Do you spend another two hours taking it off and replacing it?

"ON-THE-CAR" testers operate the alternator with the vehicle battery and alternator output wire. **NO** other vehicle wiring. Either it works or it doesn't!

The SIMPLE, QUICK and EASY way to find the problem.

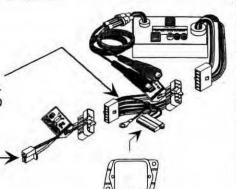


JIMCO, Inc.

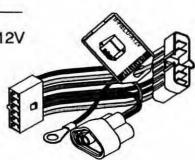
Phone: 800 - 821 - 7137

• FAX: 816 - 331 - 1971

On externally regulated alternators a REGULATOR ADAPTER and a regulator must be used. The regulator adapter plugs into the I - 60 with the appropriate alternator test lead plugged into the regulator adapter.



Part No.	
TR-FIELD A12\	,



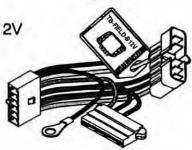
Alternator	Alternator	
Voltage	Field Type	
10	" ^ "	









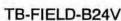


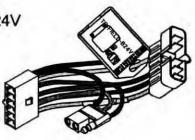
12

GREEN





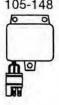




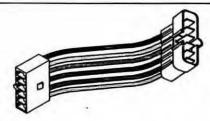
24

GREEN

MOTOROLA 105-148



TB-626



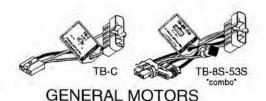
36" LONG EXTENSION HARNESS TO REACH HARD TO GET AT ALTERNATORS

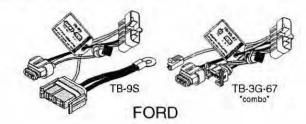
JIMCO, Inc.

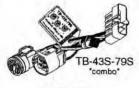
Phone: 800 - 821 - 7137

• FAX: 816 - 331 - 1971

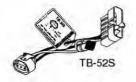
TEST LEADS INCLUDED IN THE I -60 KIT (See "TERMINAL IDENTIFICATION MANUAL" for specific applications)







TB-42S





HONDA

HONDA TOYOTA

TOYOTA

TOYOTA

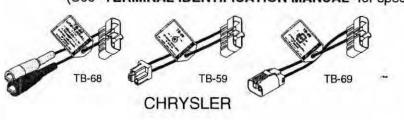


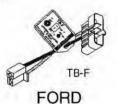




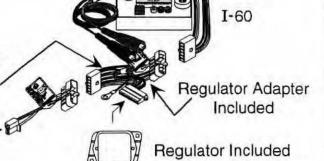


TEST LEADS INCLUDED IN THE OPTIONAL I - EXT KIT FOR EXTERNALLY - REGULATED ALTERNATORS (See "TERMINAL IDENTIFICATION MANUAL" for specific applications)





Alternators with external regulators need a regulator adapter/regulator combo plus the test lead. All plug into the I-60.

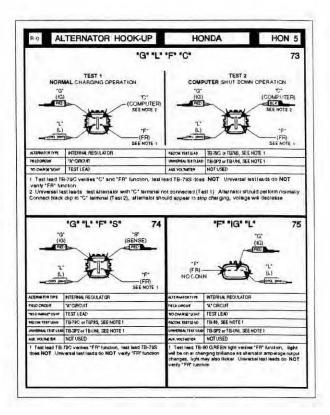


I-TLMIS.DRW 10-96; R-2 04-01-08

TIM₁

TERMINAL IDENTIFICATION MANUAL



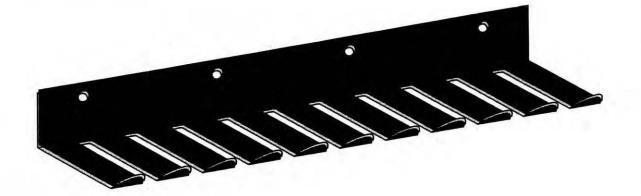


"TERMINAL IDENTIFICATION MANUAL", part no. TIM1, details alternator terminal markings along with their function for accurate testing, on or off the vehicle. This book also lists the recommended test lead, universal test lead hook-up information and important notes.

Information is categorized by specific automobile manufacturer for use by rebuilder or installer. An index is available for cross referencing to car make, year and model. Using this manual to test alternators on the vehicle can reduce "no fault found-working" alternator warranties.

TIM1 is available in quantity with your company name on the cover for distribution to your installer customers.

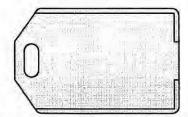
T29-4408



TBTLAC.DRW 04-98, R-2 05-04

Test lead identification tags Also use to make custom test leads

PART NO. T95-TBTAG 5 PER BAG



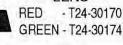
Clear, hard plastic shell with slot for inserting identification information. 1-3/8 X 2-1/8

Test lead "No Charge" Indicator light parts

PART NUMBERS

LENS

LIGHT BULB





T95-16ESB 5 PER BAG







PART NUMBERS T95-30170AR - RED T95-30174AG - GREEN

Respective part numbers include: 1 each Bulb, lens, bulb socket and mounting spring washer

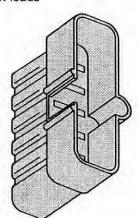
Test lead repair connector

Also use to make custom test leads

PART NO. T95-539TM 5 PER BAG

> Includes 6 male terminals for each connector housing



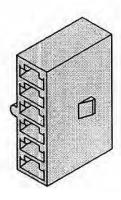


Adapter plug harness repair connector

PART NO. T95-538TF 1 PER BAG

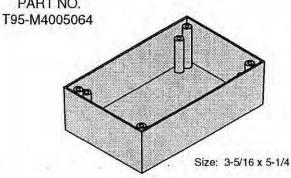
> Includes 6 female terminals





"C" (Complex) Test lead replacement plastic box

Replace broken boxes PART NO.

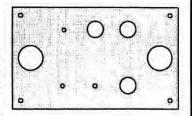


Includes pop rivets

"C" (Complex) Test lead replacement face panels

Replace broken panels

PART NOS. LEAD TB-9C T95-TBI89C **TB-43C** T95-TBI843C TB-52C T95-TB1852C **TB-53C** T95-TB1853C TB-62 T95-TBI862 TB-197 T95-TBI8197



Size: 3-1/8 x 5-1/8

Includes 4 pop rivets, plugs, strain reliefs and applicable label