

Mark Landoll's Electrical Service
 2112 SW 76 St.
 Oklahoma City, Ok. 73159
 405-685-0239

Shop
 1205 Redbud Lane
 Newcastle, Ok. 73065
 405-392-3847

Overhauled lightweight 35 Amp alternators now available. Small in size with transistor voltage regulator attached (which is adjustable) only \$70.00 plus UPS. Weight is 6 3/4 lbs.

Overhauled alternator with regulator	\$70.00
Voltage regulator only	20.00
Mount bracket	10.00
Adj. arm	7.00
Shipping	5.00 to 10.00
4" aluminum pulley	35.00

case split bolt Mount bracket \$15.00

FOR ALTERNATOR SWITCH —
 put switch between voltage regulator and alternator
 F pin (Fields) in green wire

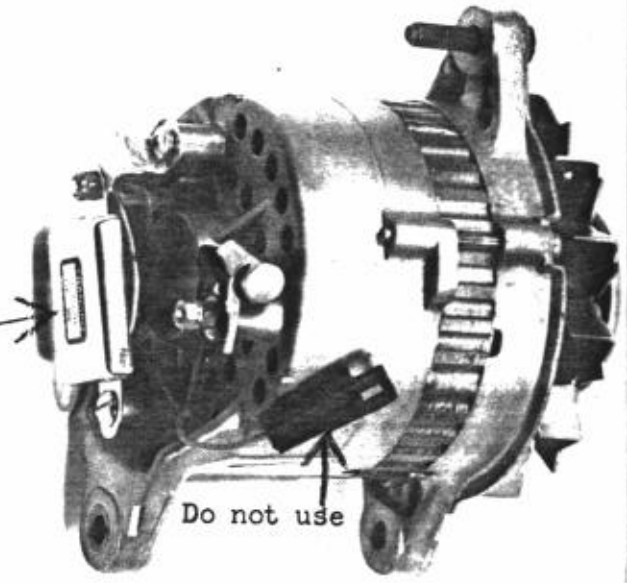
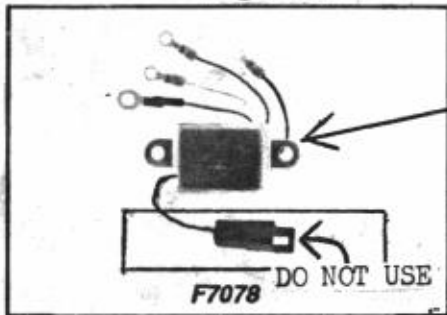
Prices per Foucon 2/2/94

Alternator & Regulator	- 75.00
Base type bracket	- 10.00
Adjusting Arm	- 10.00
4" Pulley	- 20.00
	<hr/>
	115.00
Freight (UPS)	5.00
	<hr/>
	\$ 120.00

Alternator elect. pins A&E are not used.

Only one wire required from alternator B post to battery thru 12V Bus.

Voltage Regulator



Voltage Regulator

Transpo's second generation F7078 conversion regulator is truly a rebuilder's friend. It's unique design converts the alternator to internal regulation, bypassing the Ford wiring harness and its inherent problems.

Twelve years of Transpo technology are contained in the 1 1/2" square circuit. Its unique performance features are not readily available from other suppliers. A check of the F7078 performance specs points to our commitment to excellence.

For the record, the wye junction of the Ford stator is the source of the signal for the F7078 regulator. At 1200 RPM the stator magnitude is only 35 mV.

F7078 "SPEC SHEET"

- ⇨ Low Standby Drain:
= 3 mA (0.003 Amps)
- ⇨ Super Fast Cut In:
at = 1200 rpm
- ⇨ Superior Loading Performance:
Regulates within 0.2 Volts Max
From 10% to 90% of Full Load
- ⇨ Stator Enabled Sensitivity:
35 mV RMS
- ⇨ Premium Power Devices
Motorola Power Transistors
Rated at 10 Amps at 80 Volts
- ⇨ Load Dump Protected
- ⇨ Low Saturation Voltage
Vsat is = 0.2 Volts at 5 Amps
For a Cooler Running Circuit
- ⇨ Transient Voltage Spike Protected
- ⇨ Satisfaction Guaranteed

Technical Knowledge to Complement Transpo Product

*52
2.5
240
104
120.0*

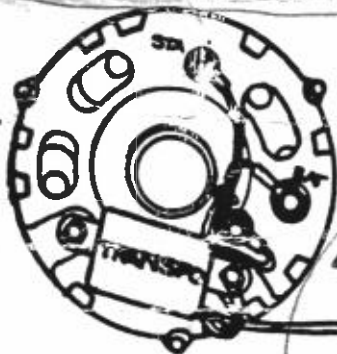
10/120

12

INSTALLATION INSTRUCTIONS FOR F-7078

1. ADD A NUT ON EACH GROUND STUD WHERE THE CAN WILL BE INSTALLED TO RAISE THE REGULATOR FROM THE REAR HOUSING SO AS NOT TO STRESS THE WIRES. SECURE THE CAN AND THE BLACK WIRE TO THE STUDS WITH ANOTHER TWO NUTS.
2. CONNECT THE RED WIRE TO THE STUD LABELED "BAT".
3. CONNECT THE YELLOW WIRE TO STUD LABELED "STA". *OR N*
4. CONNECT THE GREEN WIRE TO STUD LABELED "FLD".
5. CONNECT THE ORANGE WIRE TO WARNING LIGHT TERMINAL. DO NOT CONNECT THE ORANGE WIRE TO IGNITION.

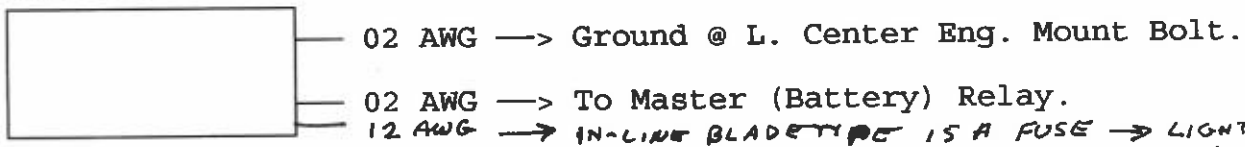
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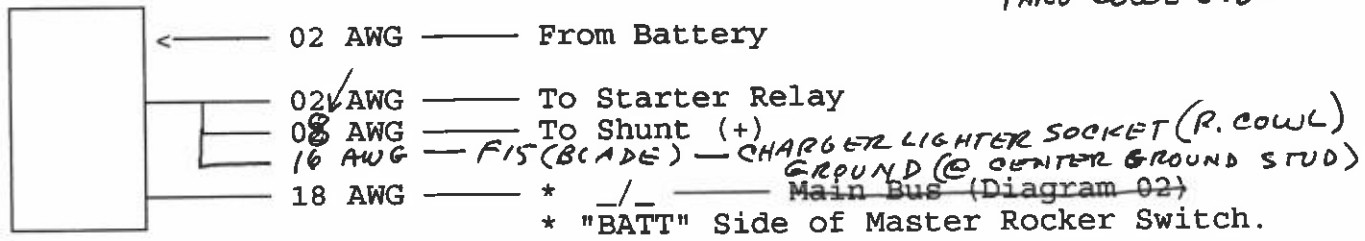
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WIRING DIAGRAM.

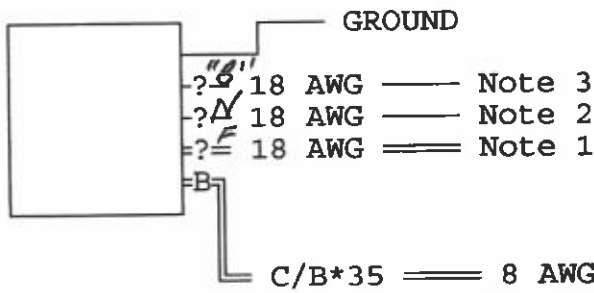
BATTERY:



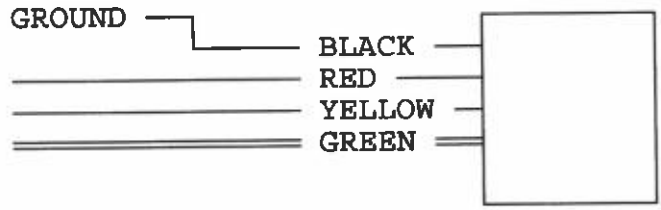
MASTER (BATTERY) RELAY:



ALTERNATOR:

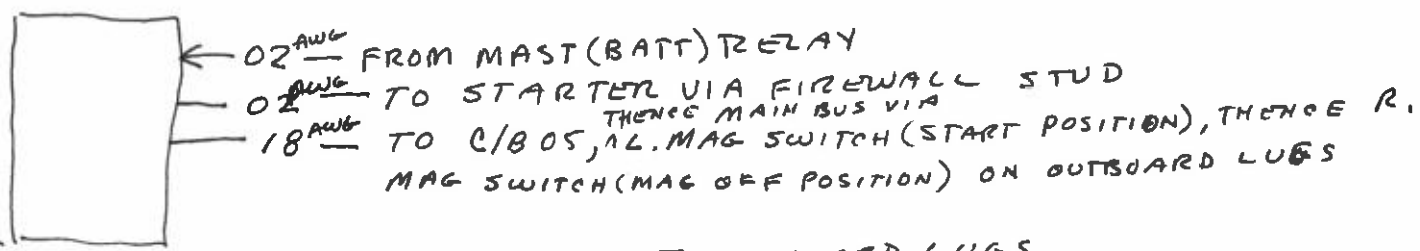


REGULATOR:
(Under center of inst. panel)



* Located on RIGHT instrument sub-panel.
 Note 1: Via 5 Amp C/B located on RIGHT instrument sub-panel, thence "ALT" side of Master Rocker Switch, thence via Post # 1 on Center Terminal Strip (**).
 Note 2: Via Post # 2 on Center Terminal Strip (**)
 Note 3: Via Post # 3 on Center Terminal Strip (**)
 ** See Diagram No. 03 for Center Terminal Strip detail.

STARTER RELAY:



RIGHT MAG - // DPDT INBOARD LUGS
 LEFT MAG - // DPDT, CTR OFF, OUTBOARD LUGS

- KEY:**
- Copper Strip Bus
 - Shielded Wire
 - Unshielded Wire
 - Fuse & Rating
 - Circ Bkr & Rating
 - Switch/CB & Rating
 - Switch, SPST