

AUTO-ROD CONTROLS

ARC SERIES 3000 MOUNTING INSTRUCTIONS

Read instructions before starting!

1. Locate a flat area $2\frac{1}{4}$ "x 8". Tape cutout template to this surface and prick punch the corners where indicated by dots. Protect finished dashes with tape.
2. Remove template and using a straight edge and scribe connect the dots as indicated on the template. Drill starter holes where shown on template and using a sabre saw or hand nibbler or shear complete cutout. It is recommended that the two small corner notches be hand filed in as their size is important to finished installation mounting. File entire cutout to smooth edges.
3. The unit's now ready for test fitting. Holding the unit face down insert the bottom lip containing the two tapped holes into the bottom of the cutout created by the two bottom notches and rotate the unit to a vertical position. It may be necessary to slightly depress the black plastic catch to accomplish this. The unit should slide in easily. If there is any binding at the plastic catch remove the unit and file the top of the cutout to provide sufficient but not excessive clearance.
4. The catch groove is designed for standard dash metal thickness. The plastic will have to be filed to allow for different thicknesses. It may be removed and reinstalled.
5. Two small rubber pads provided are used as detents to retain the base of the control in the cutout as shown in figure 1 and 2. Two others are used to hold the control from any sideways or vertical movement in the cutout. These are indicated by the letters "A".
6. Test the height of the two side corner notches by depressing the top plastic catch and tipping the top of the control out approximately $\frac{1}{2}$ " to the recess in the catch and lift the control upward against the top of those notches. There should be a gap at the bottom sufficient to insert the small rubber pad with it's backing paper in the space but no more. The control is now fitted and ready for installation of retaining pads.
7. Holding the unit in against the dash in it's installed position and reaching behind the dash slide the pad up to the dash metal and stick to the bottom of the control (both sides). Also to the front panel of the control at the top corners.

ARC

8. To remove the control depress the top catch and tilt the top forward to the depression in the catch which allows the control to be lifted over the bottom rubber detents and then slid forward. The control will slide forward until stopped by the bottom lip at this point it can be rotated downward to access of fusing and wiring. Install the two retaining screws provided into the two tapped holes in the bottom lip.
9. When wiring to your control take into consideration that the wires must travel back and forth with the unit.

AUTO-ROD CONTROLS

FRONT PANEL CONTROLS

1. STARTER: Mounted nearest the driver and next to the ignition switch for ease of operation.
2. IGNITION: Will operate both battery or magneto ignition systems and also controls the fuel pump output - shutting pump off with ignition. This switch is red lighted when on.
3. DIRECTIONALS: This switch must be manually cancelled. It is green lighted and flashes in the right and left modes.
4. WIPERS : Designed to operate two speed wipers and washer. Washer feature may be used as a mist function (see wiring diagram).
5. COOLING: Operates one electric radiator in the low cool position or two in the high cool position. Allows selection for open road or city traffic conditions
6. LAMPS: Operates gauges, running lights and headlights. It is a three position switch: Off - down; gauges and running lights only - middle; additional headlights - up.

NOTE: All fuse positions indicate maximum fuse ratings. Use the fuse included with or recommended by each accessory's manufacturer up to the maximum rating indicated at each fuse position.

For those who would like the added security of a key lock, one may be put in series with terminal 2 or terminal 3.

	<u>*FUSING*</u>	<u>MAXIMUM CURRENT RATINGS</u>
1	Starter	10A
2	Ignition	10A
3	Fuel pump	7.5A
4	Brake-directional	15A
5	Wipers	15A
6	Fan 2	15A
7	Fan 1	15A
8	Headlights	20A
9	Running lights and gauges	15A

ARC

AUTO-ROD CONTROLS

25 Crescent Street, Dept. 100, Boston, Mass. 02114

Phone (617) 339-2865

DASH CUTOUT
TEMPLATE

TOP

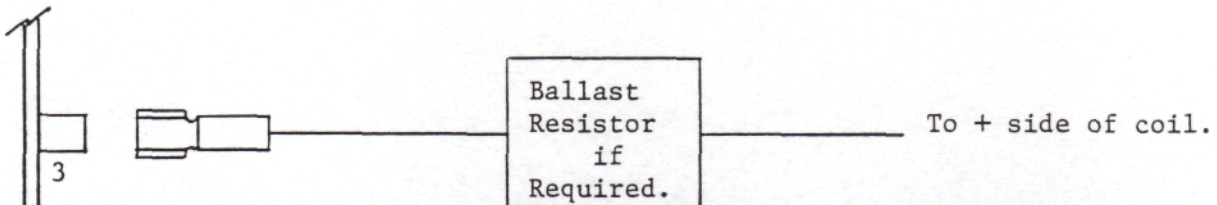


—ARC—

AUTO-ROD CONTROLS

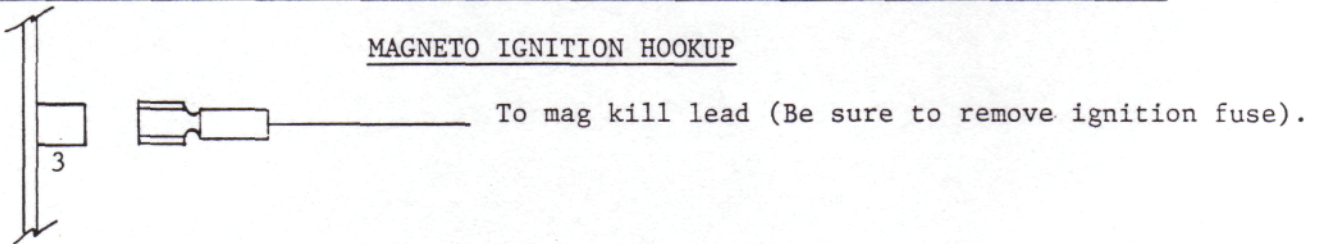
Phone (617) 9265

BATTERY IGNITION HOOKUP

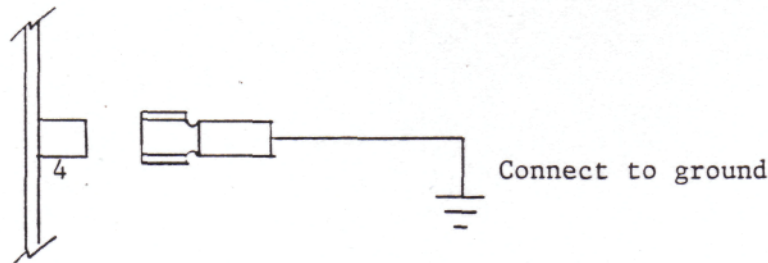


The need for a ballast resistor and it's value is determined by the ignition system's manufacturer. Check his information for this detail.

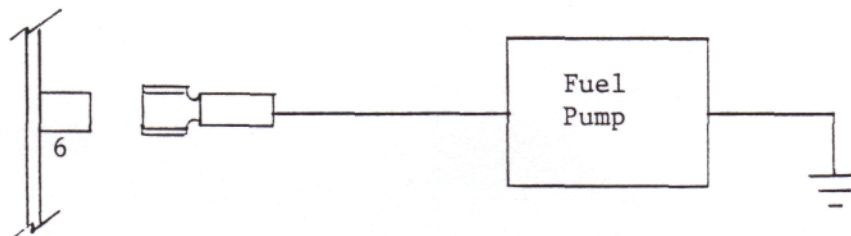
MAGNETO IGNITION HOOKUP



SYSTEM GROUND



FUEL PUMP

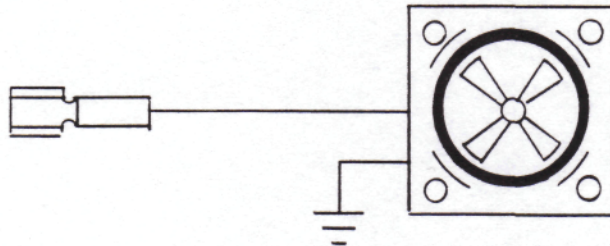
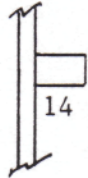


ARC

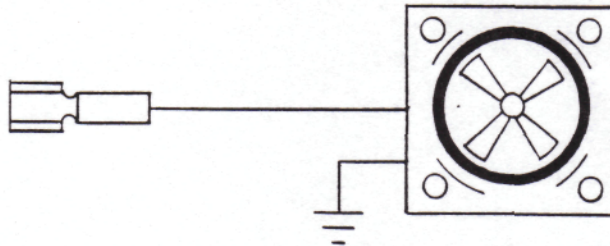
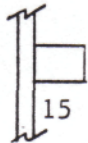
AUTO-ROD CONTROLS

Phone 8171 3-265

COOLING CIRCUIT

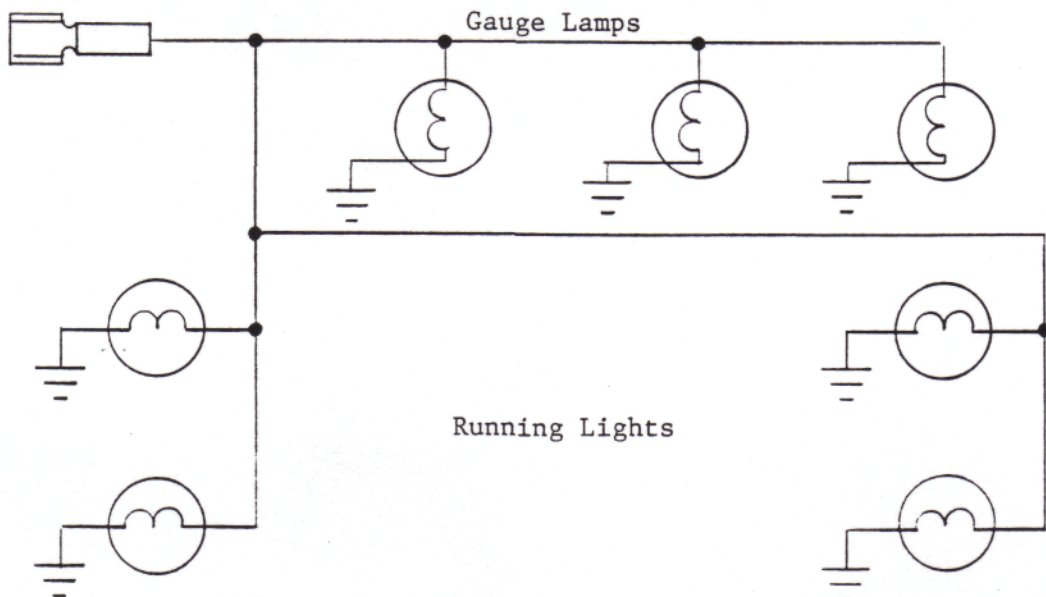
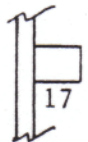


Radiator Fan #2
(Fan fuse closest to
wipers fuse)



Radiator Fan #1

GAUGE LAMPS & RUNNING LIGHTS

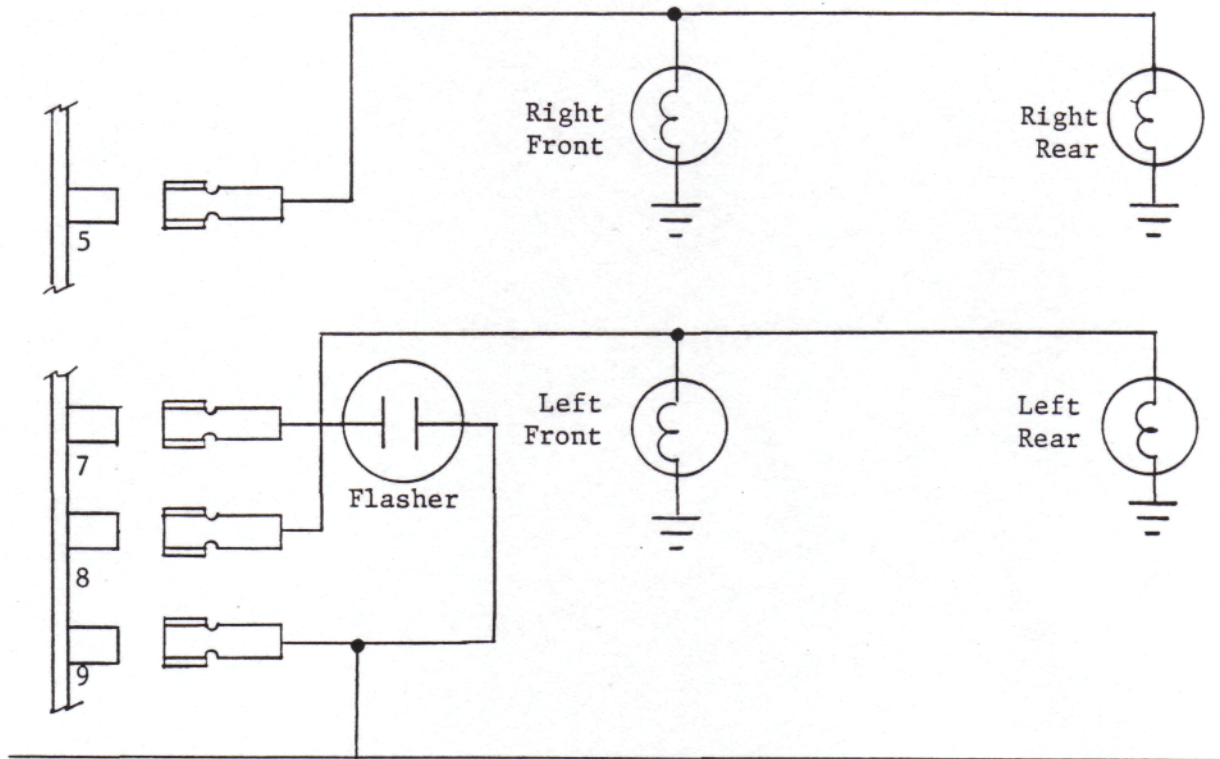


ARC

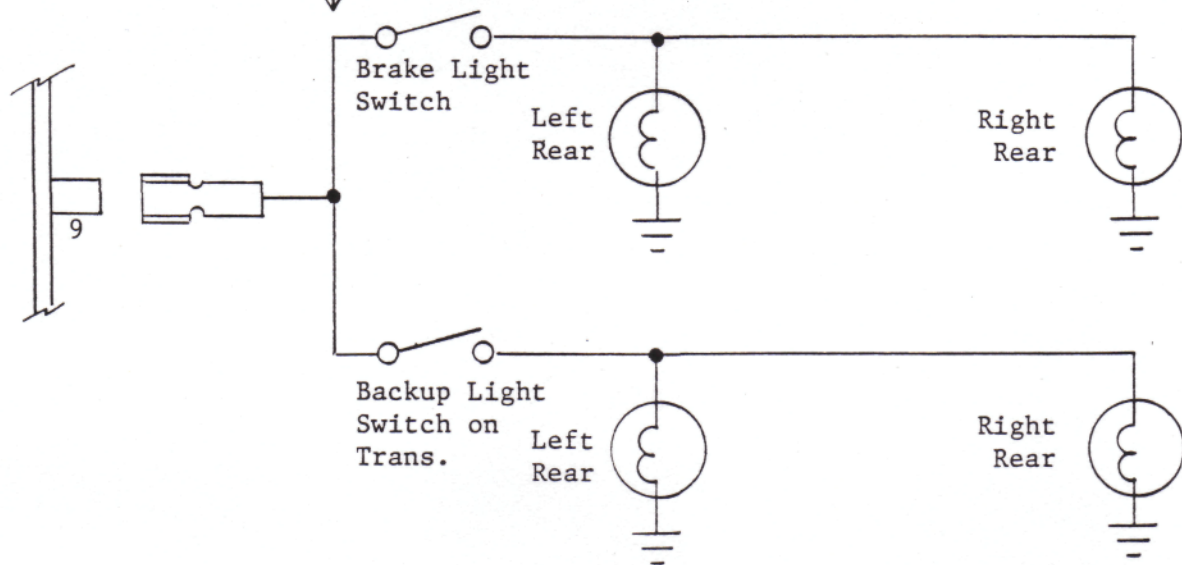
AUTO-ROD CONTROLS

Phone (817) 3-0255

DIRECTIONALS



BRAKE & BACKUP LIGHTS



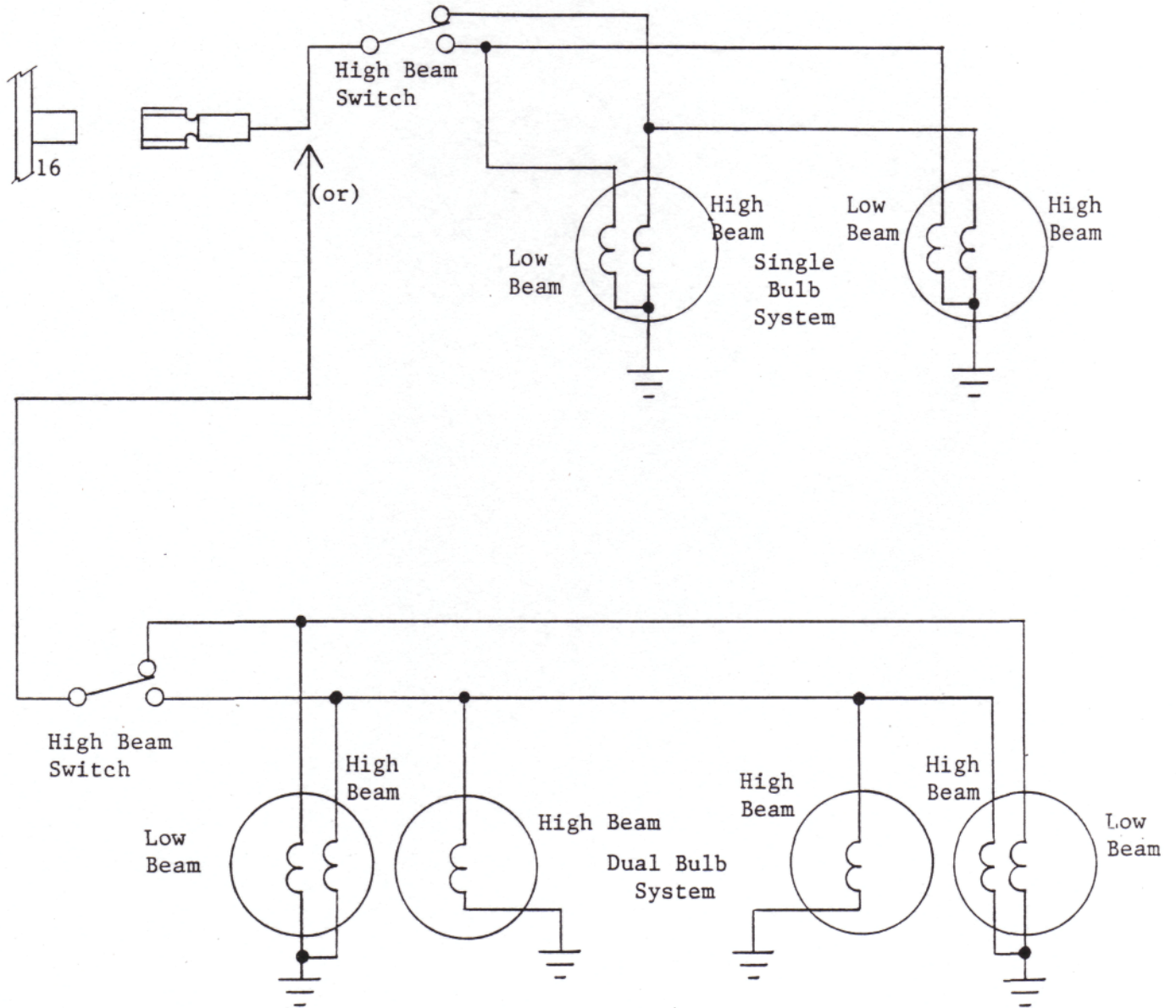
ARC

AUTO-ROD CONTROLS

Auto-Rod Controls, Inc., W. 4th St., St. Louis, Mo. 63104

Phone (317) 9285

HEADLIGHTS



ARC

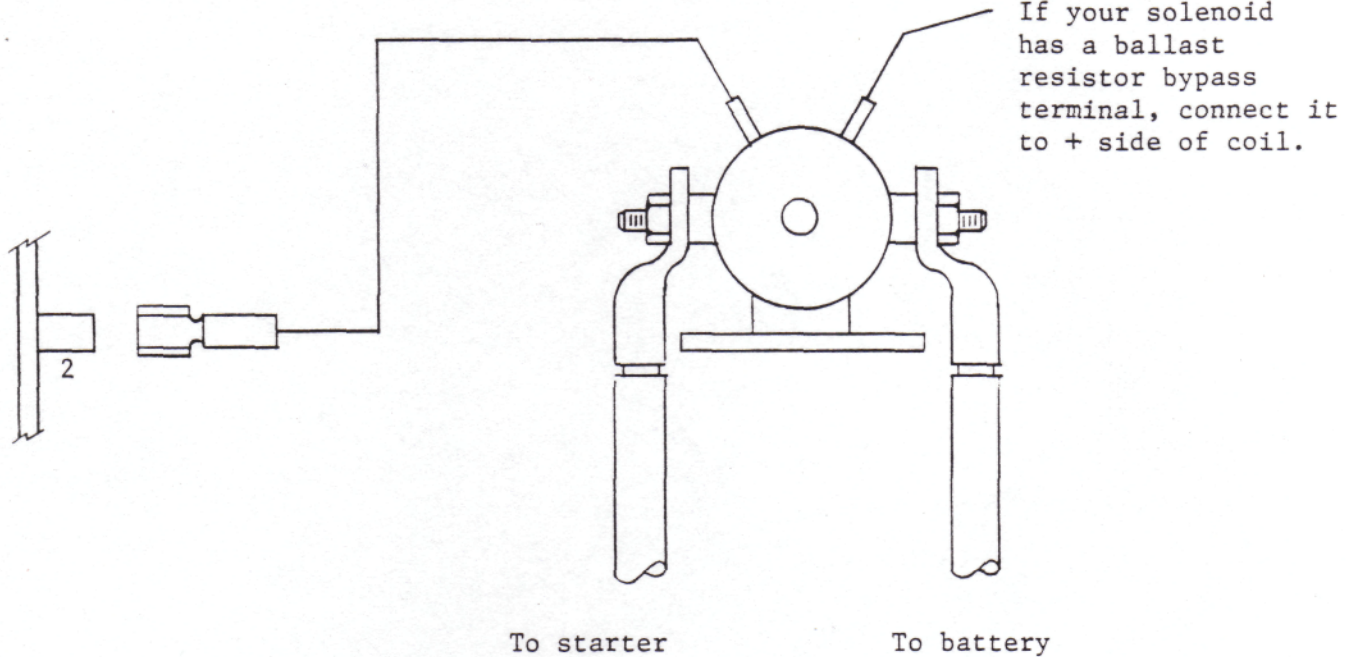
AUTO-ROD CONTROLS

Phone (61)

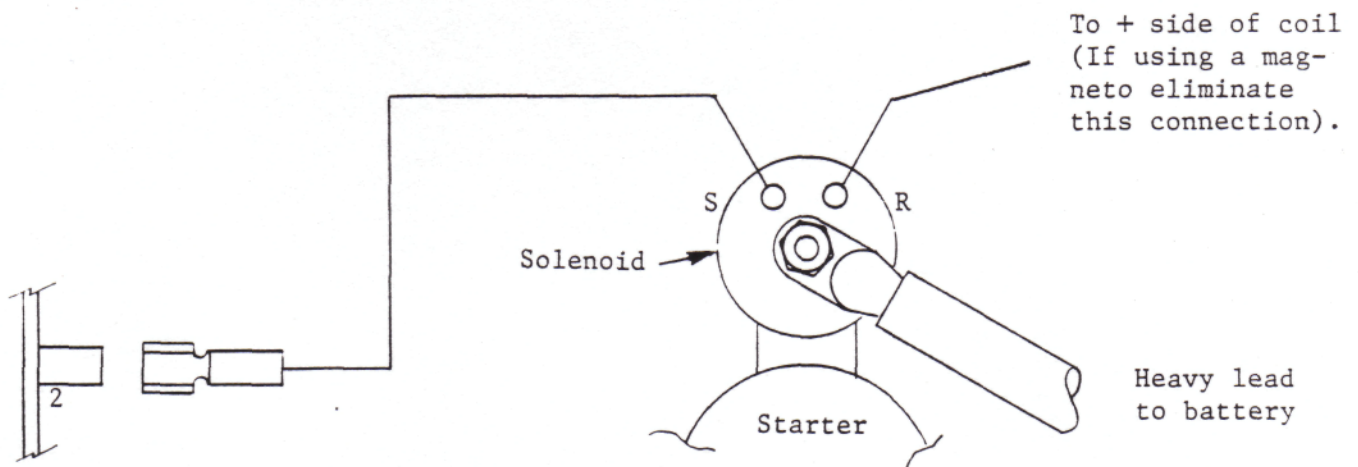
7-9263

STARTER HOOKUP

Ford & Chrysler



General Motors



ARC

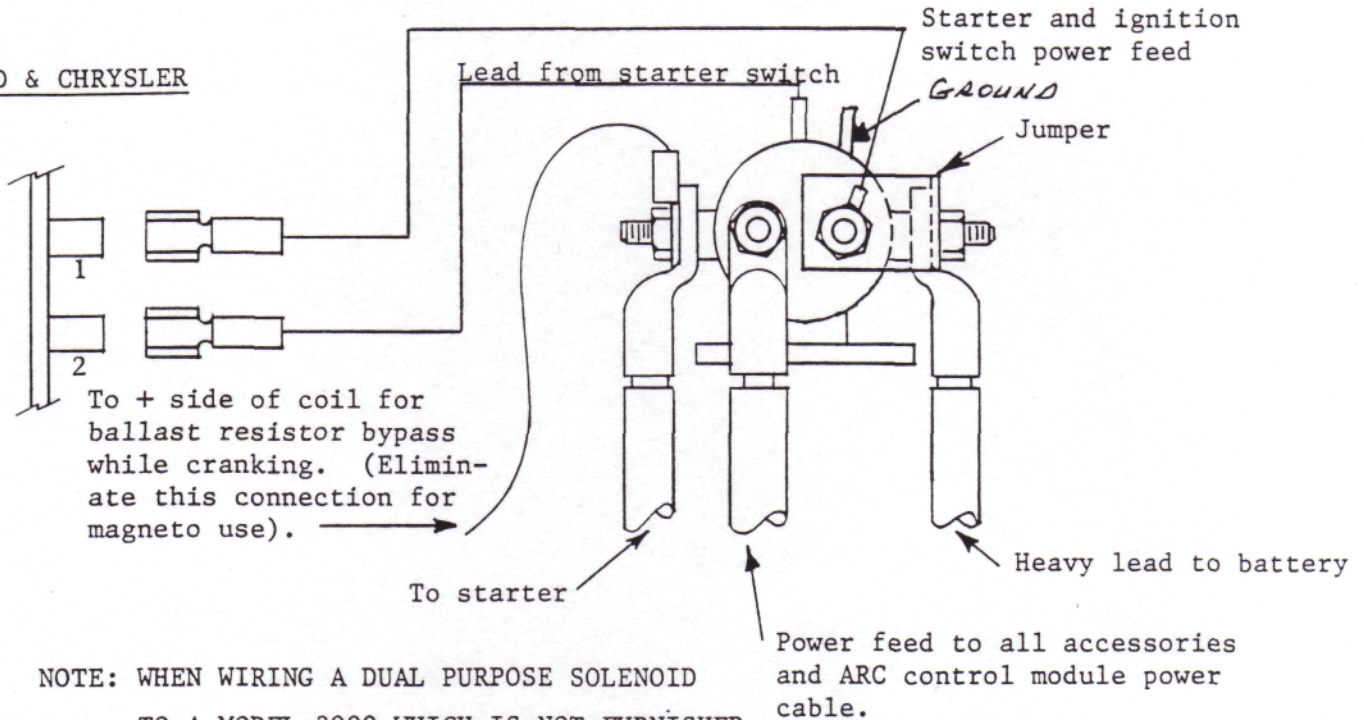
AUTO-ROD CONTROLS

1000 Massachusetts Street, Washington, Mass. 02184
Phone (617) 1-3-0265

STARTER HOOKUP UTILIZING ARC DUAL PURPOSE SOLENOID

This hookup provides for shut down of all systems while starting.

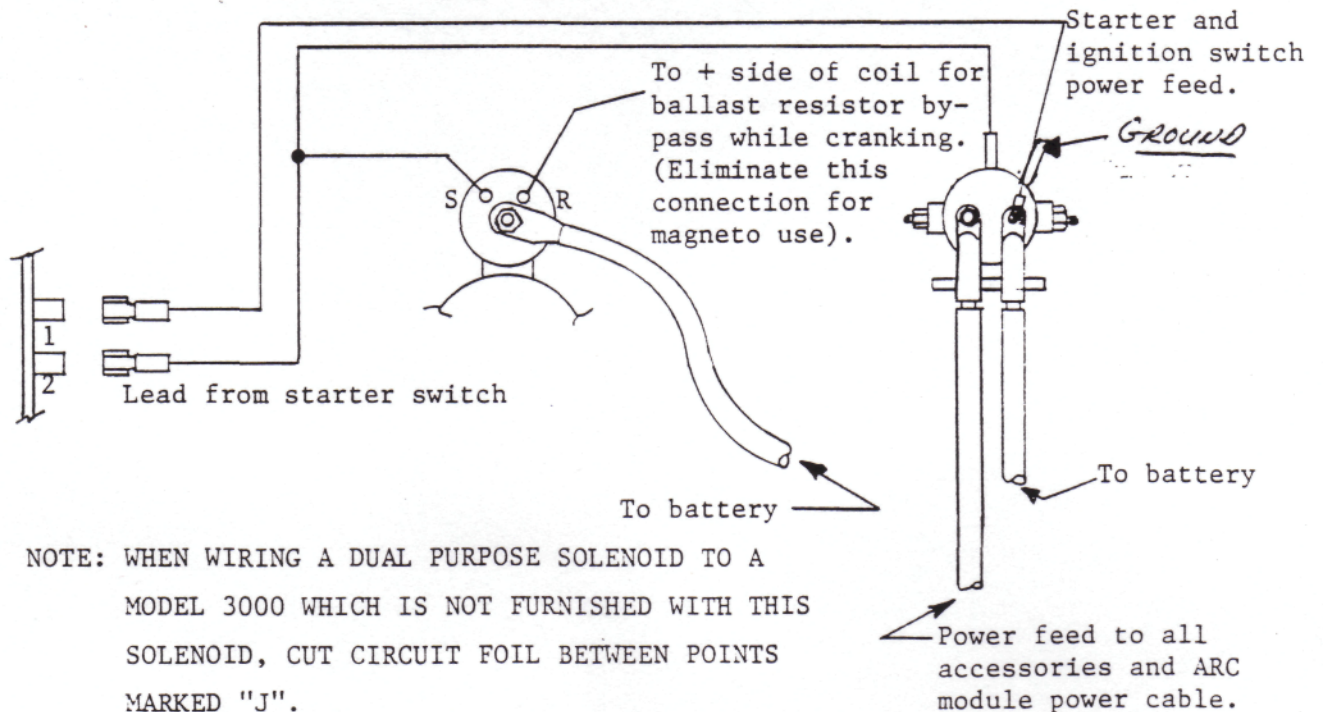
FORD & CHRYSLER



NOTE: WHEN WIRING A DUAL PURPOSE SOLENOID
TO A MODEL 3000 WHICH IS NOT FURNISHED

WITH THIS SOLENOID, CUT CIRCUIT FOIL BETWEEN POINTS MARKED "J".

GENERAL MOTORS



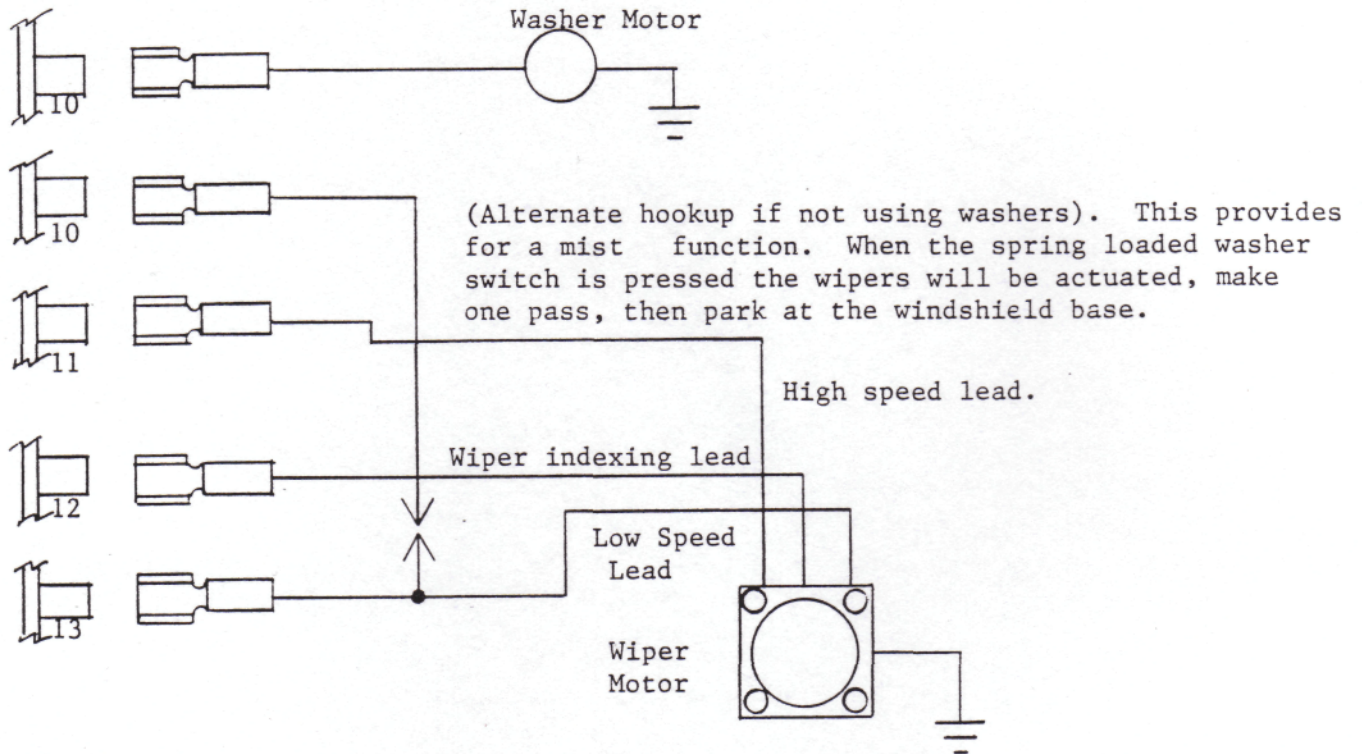
NOTE: WHEN WIRING A DUAL PURPOSE SOLENOID TO A
MODEL 3000 WHICH IS NOT FURNISHED WITH THIS
SOLENOID, CUT CIRCUIT FOIL BETWEEN POINTS
MARKED "J".

ARC

AUTO-ROD CONTROLS

Phone (617) 3-3265

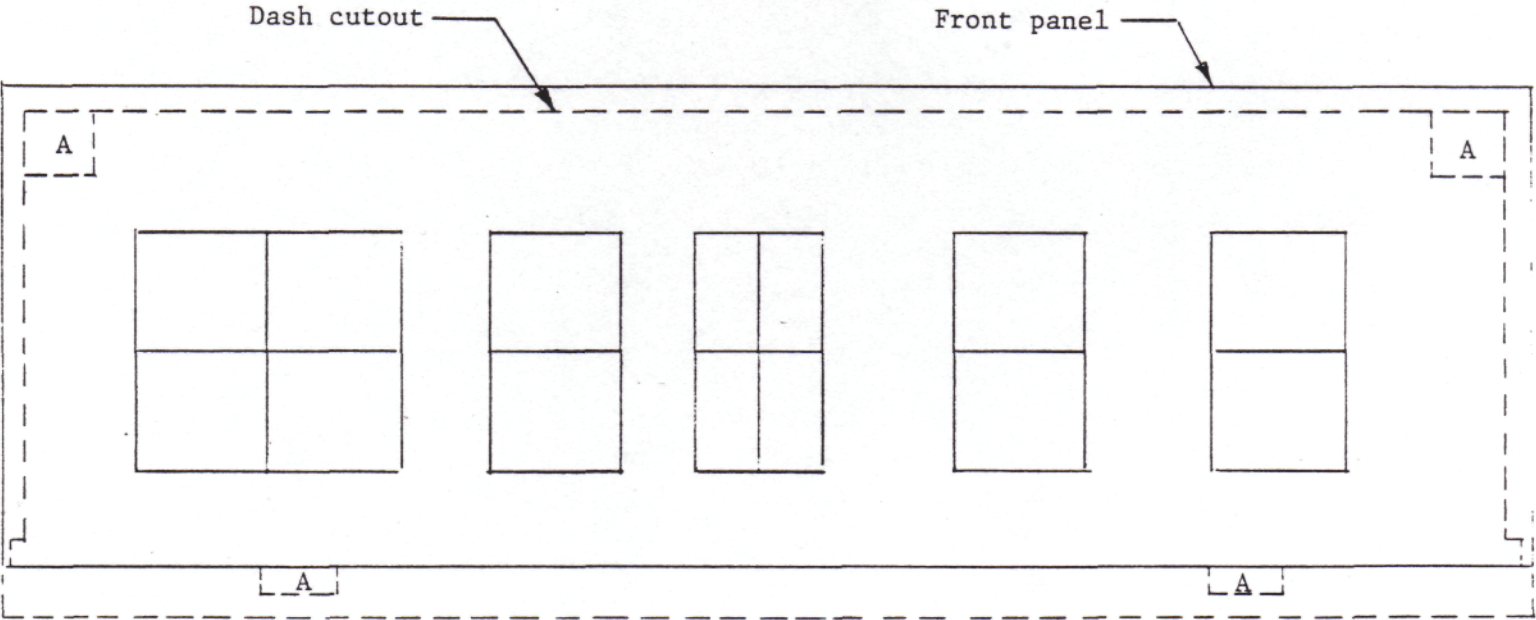
WIPERS



AUTO-ROD CONTROLS

1000 Crescent Street, W. 1st, Mass. 02 1-4
Phone (617) 3 8265

FIGURE 1

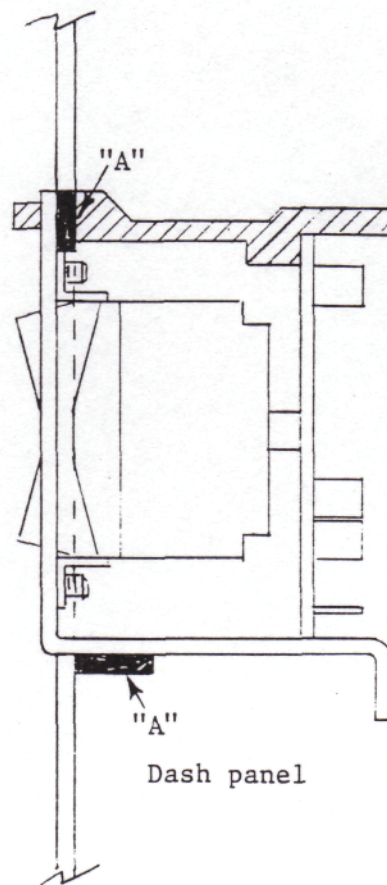


AUTO-ROD CONTROLS

2250 Broadway, New York, N.Y. 10024

Phone (617) 33-9235

FIGURE 2



ARC