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Model AS-2
2-speed Air Shifter
B&M Pro-Stock (Frt. & Rr. ext)
Hurst Quarter Stick
(Frt. exit only)

INSTALLATION

- 1) If you are using a B&M Pro Stick shifter, the blue plunger extension must be installed on the tip of the air cylinder. Use the two supplied set screws to attach the extension. The plunger extension is not used on Hurst shifters.
- 2) Remove the existing mounting bolts that hold the shifter down to the floor and slide the AS2 mounting bracket underneath the shifter unit. There are two sets of mounting holes (one for Hurst and one for B&M); use the holes that align the air ram with the center of the shift lever handle. Replace the hold-down bolts and tighten. The AS2 mounting bracket will be sandwiched between the shifter and the floorboard.
- 3) Connect a 1/4" CO2 supply line to the solenoid quick connect fitting by pushing the line in to the fitting until it bottoms out. If you need to remove the air line, pull on the line while pushing in on the black lock ring.
- 4) Open the CO2 bottle and set the bottle regulator pressure from 60 to 100 psi.
- 5) Wire the air shifter as shown in the appropriate diagram on the reverse side.

ADJUSTMENT

The stroke of the air shifter's ram is set with shims located between the brass air ram and the shifter mounting bracket. To check and adjust the stroke of the plunger, follow this procedure:

With the car's engine NOT running, put the shift lever into low gear. If using a Dedenbear RPM-2 switch press and hold the "MANUAL UPSHIFT" button on the RPM switch. If using a different manufacturer's RPM switch or a shift timer, bypass the controller to make the shifter activate. The plunger should extend and shift the transmission. Make sure that the shifter is all the way into high gear; then check for clearance between the air ram plunger and the shift lever. If there is more than 1/16 inch, then remove one of the shim washers from the air ram and retest. Remove the second shim washer if needed.

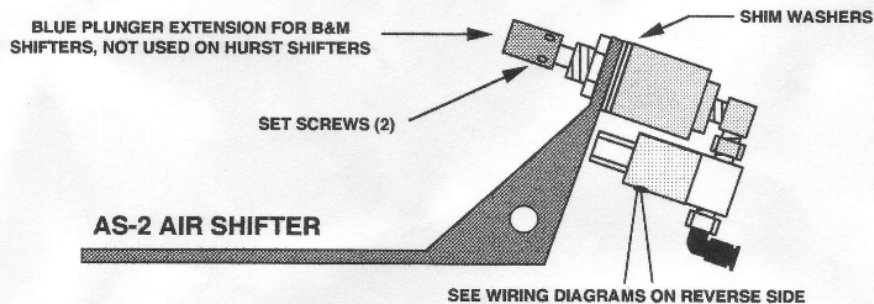
MAKE SURE THAT THERE IS SOME CLEARANCE BETWEEN THE RAM AND THE SHIFT LEVER WHEN THE SHIFTER IS IN HIGH GEAR AND THE AIR RAM PLUNGER IS EXTENDED. If not, the air shifter will be damaged.

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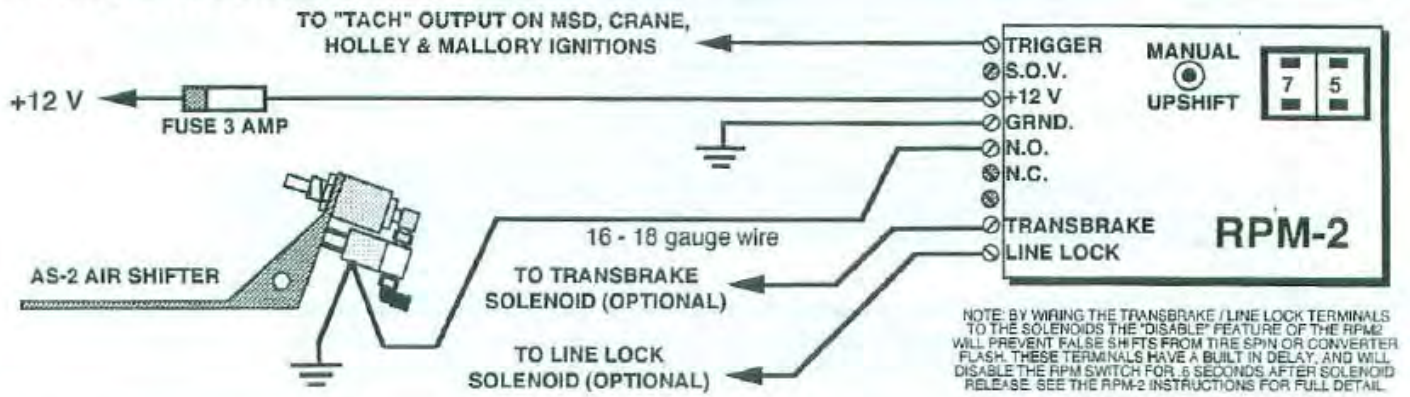
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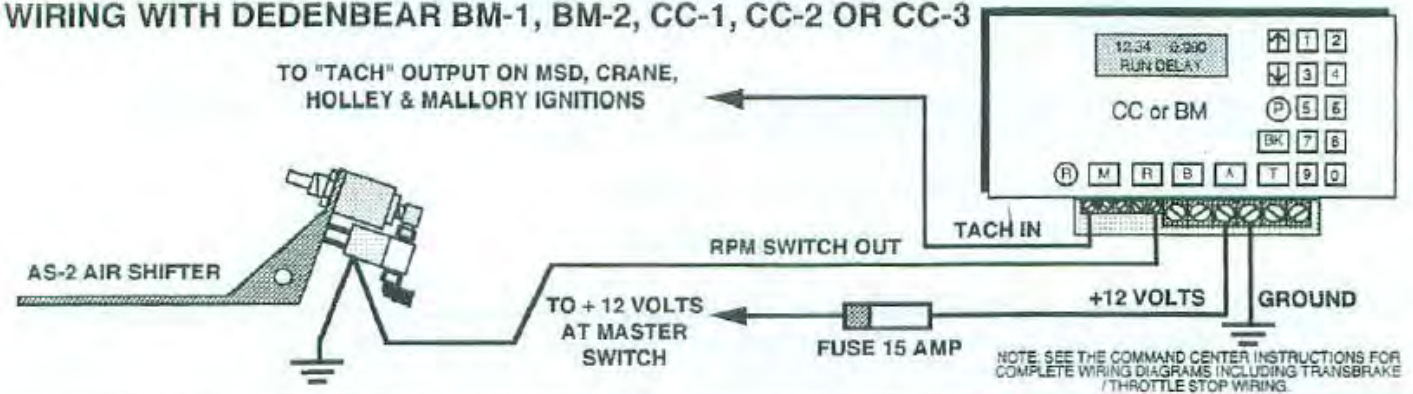
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CUSTOMER SERVICE & TECH. SUPPORT: (866)248-6357 Mon-Fri 8am-5pm CST

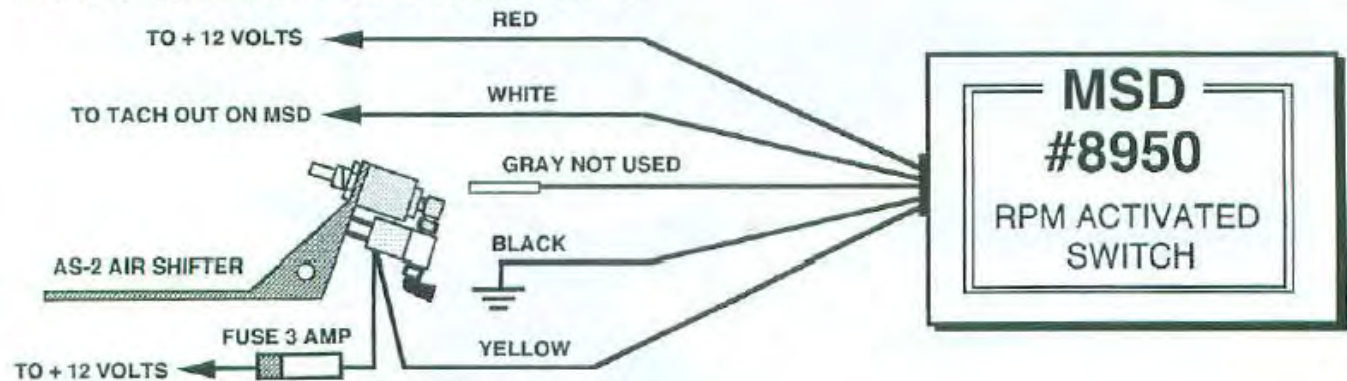
WIRING WITH DEDENBEAR RPM-2



WIRING WITH DEDENBEAR BM-1, BM-2, CC-1, CC-2 OR CC-3



WIRING WITH MSD RPM SWITCH #8950



WIRING WITH MSD 7AL3 IGNITION

