



DEXTER TOW VEHICLE AND TRAILER WIRING OPTIONS FOR BACK UP SOLENOID

PLUG-IN WIRING

Modular wiring systems that plug in to the tow vehicle's wiring harness. Several options are offered for the bumper receptacle (4, 6, or 7 pin). These products are available at marine, auto parts and RV stores.

If you select a "7-wire" version, the back up light signal will be routed to the bumper receptacle.

NEW TOW VEHICLE TRAILER TOWING PACKAGE

Most new vehicles rated for towing 3000# or more purchased with a trailer towing package, include a 7-wire harness with 7-wire receptacle routed to the rear bumper. One of the outputs will be the 12v back up light signal. GM vehicles include only the harness. The customer purchases his own receptacle.

The 7-wire receptacle is round with 6-blade type pins on the periphery and a round socket in the center. The mating plug is widely available at auto and RV supply stores. The back up light signal is usually routed to the center socket.

TRAILER WIRING

Wesbar makes a harness adapter especially for use with A-60 actuators with a back up solenoid. A 5-pin connector with wiring harness is also required. These wires are routed to a 6 or 7-wire plug (purchased separately), which plugs into the tow vehicle receptacle.

An advantage of this configuration is that any vehicle with the basic 4-pin connector can be used for towing if necessary and trailer lights will operate properly. For backing however, the 12-volt back up signal will be missing so one of UFP's mechanical lockouts must be used if the trailer has disc brakes.

Wesbar and Hoppy manufacture adapters to connect a 7-wire receptacle to a 4-wire plug if needed.

In summary, several options are available to permit easy electrical hookup of the A-60 back up solenoid to the tow vehicle. The solenoid option keeps brake line pressure from building when backing the trailer and keeps the brakes (disc or drum) from energizing.

