

MSD Atomic Throttle Body PN 2910

If you intend to operate your Atomic EFI with a returnless (Pulse Width Modulated) fuel system, the installation of a fuel pressure damper may alleviate part-throttle hesitations and mid-range sluggishness that cannot otherwise be tuned out using the Handheld Monitor.

Note: Damper installation is not required on return-style systems (i.e. those equipped with a regulator).

To equip your MSD Atomic EFI throttle body with a fuel pressure damper, use the parts shown below (Figure 1).



Figure 1

MSD recommends the following dampers for use with the Atomic EFI Throttle Body:

Manufacturer	Part Number
Airtex / Wells	3G1066
Airtex / Wells	3G1054
BWD / Standard Motor Products	FD450
BWD / Standard Motor Products	FD462

INSTALLATION STEPS:

- 1. Install the O-Ring (HDW31053) on the Adapter Fitting (MSD32095). Do not cut, tear, or twist the O-Ring during installation.
- 2. Install the Crush Washer (WAS32185) between the Adapter Fitting and Damper. Ensure that the Crush Washer engages the centering shoulder on the Adapter Fitting.
- 3. While holding the Damper with a 7/8-inch wrench, use an 11/16-inch socket and torque wrench to torque the Adapter Fitting to 150-175 inch-pounds (12-15 foot-pounds).
- 4. Apply a light coating of oil to the O-ring, and then screw the damper assembly into one of the -6AN ports on the Atomic EFI throttle body.
- 5. Snug the assembly against the throttle body, and then perform at least two (2) key on / key off cycles while checking for leaks.

Note: The O-Ring provides a leak-tight seal in the throttle body -6AN port. There is no need to apply excessive torque when installing the damper assembly.