



Outer & Inner Damper Springs

Part Nos.

BW-SD-3

BW-SD-4

Prepackaged Quantity: 40 Units

Application

Borg Warner 310mm LU
(Chrysler A618, 47RE & 48RE)

Associated Parts

- **BW-DA-3P** Billet Piston Plate
- **BW-RV-2** Damper Rivets
- **BW-DS-1** Damper Sleeve
- **466230PT** PowerTorque™ Friction Ring

Catalog Reference

Item Number 18 for Chrysler 310mm LU (Chrysler A618) on page 120 in the Sonnax Torque Converter Vol. 6 catalog. See also our online catalog.

Chrysler 47RE & 48RE



The **BW-SD-3** and **BW-SD-4** outer and inner damper springs are for the BW 310mm LU (Chrysler A618), 47RE and 48RE Cummins diesel. These two new springs replace worn and weak OEM springs that may have taken a set.

The much weaker .162" wire outer springs used in A618, 47RE dampers have long been known to bottom out in TC clutch engagement. This harsh clutch engagement may eventually cause the turbine shaft to break along with other transmission components. Chrysler upgraded to a larger .177" wire diameter outer spring on the 48RE. Although this spring has a 43% increased damper capacity over the earlier version, it is still prone to bottoming out, especially if the diesel engine is chipped or modified for greater torque.

Features & Benefits

- Replaces worn outer and inner damper springs
- Improves performance of earlier two stage damper
- 15% More damper torque capacity than the OEM 48RE Springs
- 65% More damper torque capacity than the OEM 47RE Springs
- Outer spring .900" (22.86mm) O.D. x 1.800" (45.72mm) long with .187" (4.75mm) spring wire diameter
- Inner spring .504" (12.80mm) O.D. x 1.800" (45.72mm) long with .105" (2.67mm) spring wire diameter
- One damper assembly requires 8 of each spring