

90.201R Repair Kit Maintenance Instructions

Use in conjunction with DADCO's Nitrogen Gas Spring Maintenance Instructions for 90.5B and 90.10 Series (B00113C)

Before beginning the repair process check the repair kit number laser marked on your cylinder. The following instructions apply only to 90.10R Series Gas Springs with Repair Kit No. 90.201R.3000 laser marked on the cylinder.

Follow Steps I – III and IV (1-2) from DADCO's Large Gas Spring Maintenance Instructions.

IV. Rod & Cartridge Removal Continued from DADCO's Large Gas Spring Maintenance Instructions



4. Remove wear ring.



5. Remove two retainer halves.



6. Tap or slide cushion collar off from piston end.



7. Remove Rod Safety Ring.

Note: The cartridge is shown in place to maintain stability of the rod.

V. Cleaning & Inspection



1. Slide the cartridge off the rod and discard.



2. Lightly polish the rod surface with an emery cloth (600 grit). Inspect the finish of the rod for any scratches or gouges. If the rod is damaged it must be replaced.



3. Inspect the Tube Assembly for any damage, especially around the mouth. Polish out any scratches at the mouth to avoid damaging seals during the reassembly process. If damage is severe it must be replaced. Wash, clean and dry the inside of the Tube Assembly. Be sure to clean the retainer halves.



4. Place the new Rod Safety Ring on from the rear end of the rod. Position the new cartridge assembly over the rod with the wiper end marked "TOP" facing up. Slide the cartridge down the rod.

V.a Rod Sub Assembly



1. Tap a new cushion collar onto the rod assembly from the groove end.



2. Using the mallet or an Arbor Press, seat the collar against the rod safety ring squarely. If retainer won't install, **STOP** and contact DADCO.

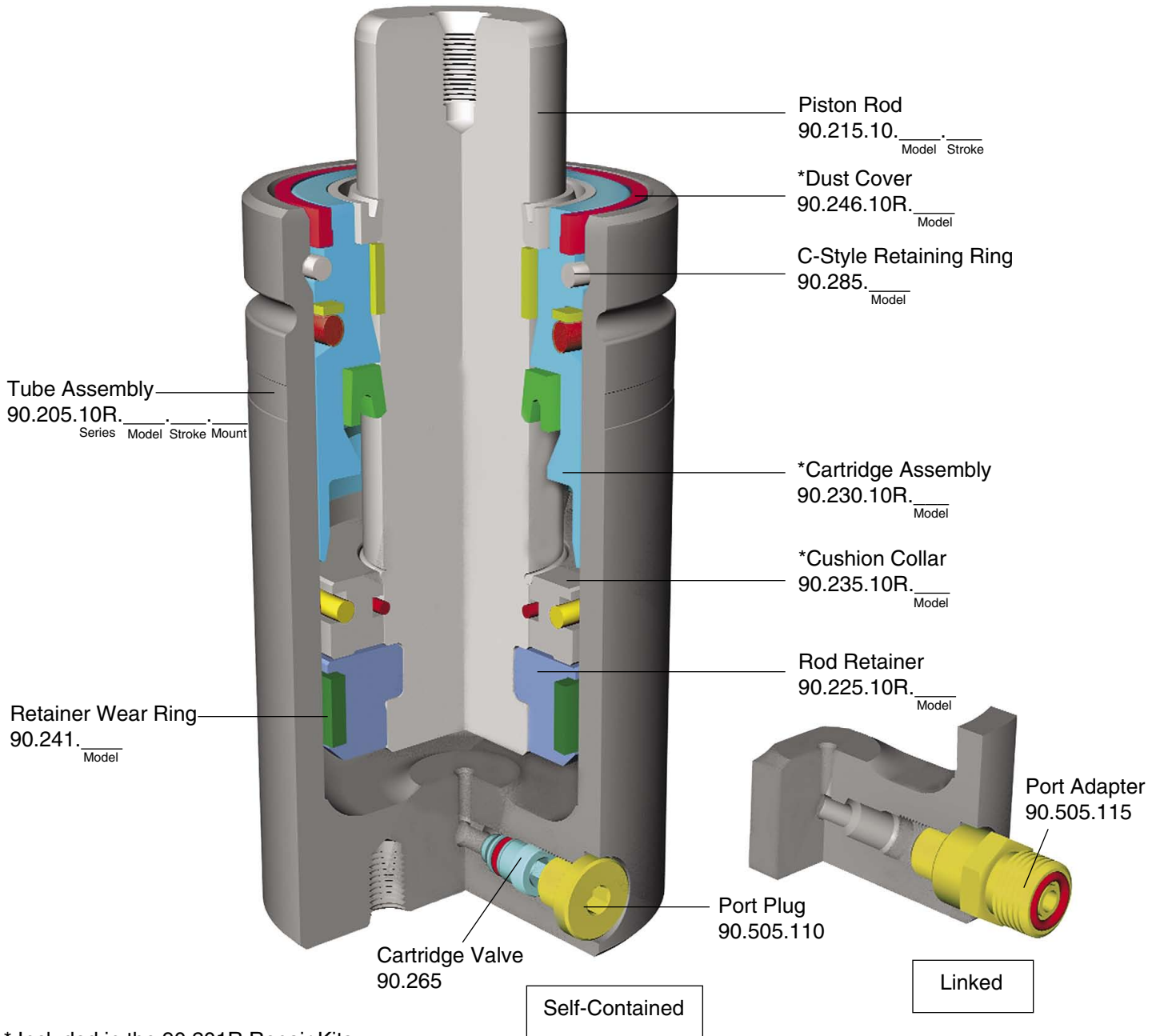


3. Replace the retainer halves behind the collar to complete the rod sub assembly.



4. Add the wear ring. Extra oil should be applied to the housing o-ring, seal and the inside of the housing.

Return to DADCO's Large Gas Spring Maintenance Bulletin Step VI., Step 3.



* Included in the 90.201R Repair Kits.

90.201R Repair Kits
Include a fully assembled cartridge, dust cover, cushion collar, bottle of assembly oil and a maintenance manual.

Model	Repair Kit No.
90.10R.03000	90.201R.03000