

## CAUTION!

Do not attempt maintenance on a gas spring until internal pressure is exhausted. To verify that pressure has been exhausted, make sure that the piston rod can retract into the tube manually.

### Comprehensive Guide

This bulletin is a simple step-by-step guide for DADCO's C-Ring Installation Tool 90.352. This tool is used in conjunction with DADCO's other repair tools for proper repair of DADCO Nitrogen Gas Springs. For complete gas spring maintenance instructions please refer to the nitrogen gas spring maintenance manual supplied in every DADCO Gas Spring Repair Kit.

After reviewing this guide, if you require any additional training or have any questions please contact DADCO for assistance.



Locked Position    Unlocked Position    Locked Position

#### ADJUSTING:

Adjust the C-Ring installation tool to the gas spring model size you are repairing. Unlock the hooked end by tilting it forward. It should now slide freely along the arm. Position the lower pin in the appropriate notch. Relock the hooked end by rotating the hook back until the upper pin is positioned in the top notch. The model sizes are laser marked above the corresponding groove.

# DADCO®

Bulletin No. B01101D  
All DADCO bulletins and  
catalogs are available  
for download  
from our web site,  
[www.dadco.net](http://www.dadco.net)

**C-Ring Installation Tools**  
90.352 • 90.352.10000



Patented  
(6,775,892)

# DADCO®

43850 Plymouth Oaks Blvd.  
Plymouth, MI 48170 • USA  
1.734.207.1100  
fax 1.734.207.2222  
1.800.DADCO.USA  
[www.dadco.net](http://www.dadco.net)

For use with the following  
DADCO Nitrogen Gas Springs:

U.2600–U.9600  
UX.1000–UX.9600  
90.8.00750–90.8.07500  
90.10.00750–90.10.07500  
90.5B2.0750–90.5B2.07500  
SC.01800–SC.18300

The 90.352.10000 is for use  
with DADCO's 90.10.10000 and  
U.20000 models only.

©DADCO, Inc. 2017  
All Rights Reserved

## C-Ring Installation Tool Instructions

**CAUTION!** Do not attempt maintenance on a gas spring until internal pressure is exhausted. To verify that pressure has been exhausted, make sure that the piston rod can retract into the tube manually.

*\*For complete gas spring maintenance instructions please refer to the instruction sheet supplied in every DADCO Gas Spring Repair Kit.*

F.1



#### PLACING:

Place the C-Ring so that it rests at an angle inside the gas spring can. One half of the C-Ring should be positioned in the retaining ring groove. (F.1).

F.2



#### HOOKING:

Position the hooked end of the C-Ring installation tool on the outside groove of the gas spring can. The pusher end of the handle should be positioned on the highest part of the C-Ring (F.2).

F.3



#### INSERTING:

Insert the C-Ring by squeezing the handles of the C-Ring installation tool together. This will center the C-Ring above the groove so it can be tapped in with a soft mallet. Hit the C-Ring with a soft mallet while holding it in position with the C-Ring installation tool (F.3). The tool will release once the C-Ring is installed.

F.4



#### CHECKING:

Check to ensure the C-Ring is fully seated inside the retaining ring groove (F.4). The gas spring is now ready for reassembly.\* Do not attempt further maintenance on the gas spring until the C-Ring is seated.