

## **RFE SERIES TRANSMISSIONS**

### **LOW/REVERSE PISTON RETURN SPRING RETAINER**

**COMPLAINT:** There have been complaints by rebuilders concerning the split retainers that secure the Belville piston return spring in place, refer to figure 1. The complaints refer to the removal and installation of the split retainers regarding the damage they sustain if removed or installed incorrectly. They can also be damaged by poor contact from the Belville spring.

The split retainers are not sold separately which poses a problem for the replacement of them unless good used retainers can be acquired.

**CAUSE:** The use of an incorrect spring compressor.

**CORRECTION:** The split retainers must be contacted evenly all the way around its circumference to avoid bending them while still allowing sufficient space to allow removal of the retaining snap ring.

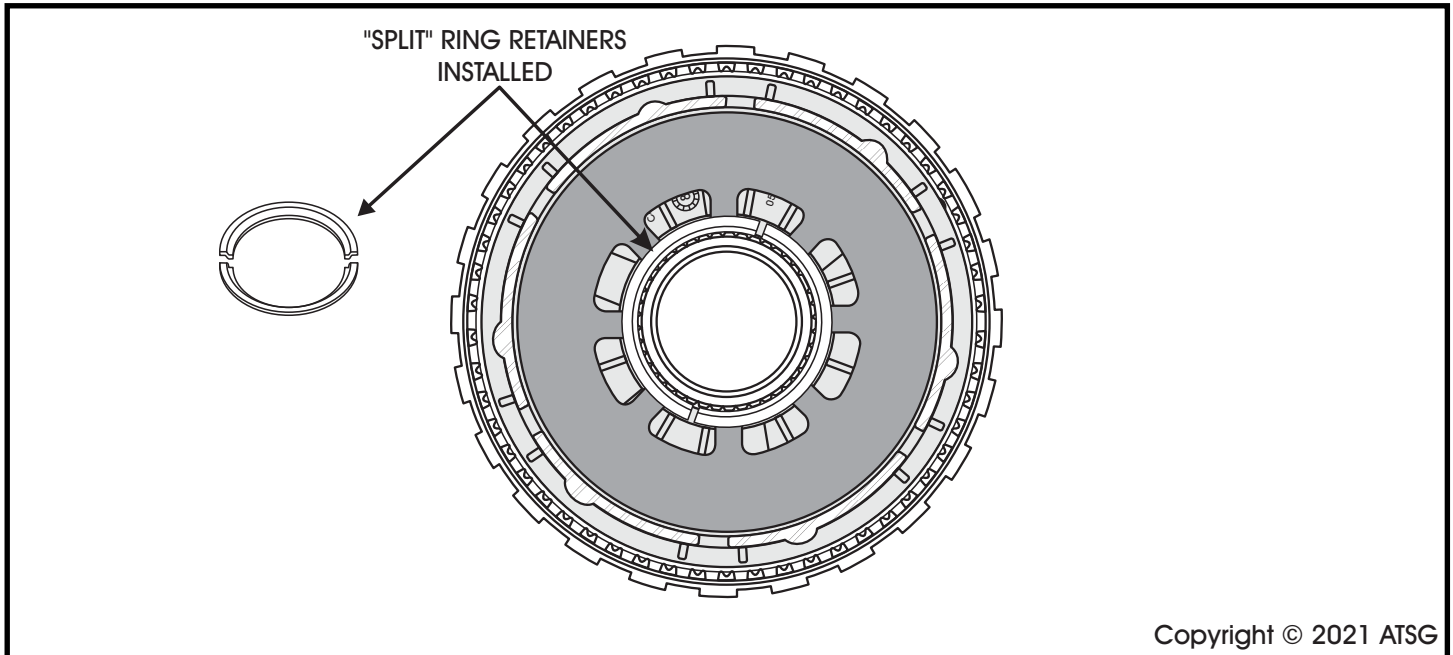
Using a two or three jaw compressor could compromise the split retainers. If that is all that's available, then place the outer race of the low roller clutch on top of the split retainers and then install the two or three jaw spring compressor on top of the outer race as shown in figure 2.

New split retainers are available from the Mopar parts suppliers. One way to get them is to purchase a low/reverse clutch kit, the split retainers will be included in the kit. The other way is to purchase an O.E.M. overhaul kit, they are included in the kit. Part numbers for these kits can be found under Service Information.

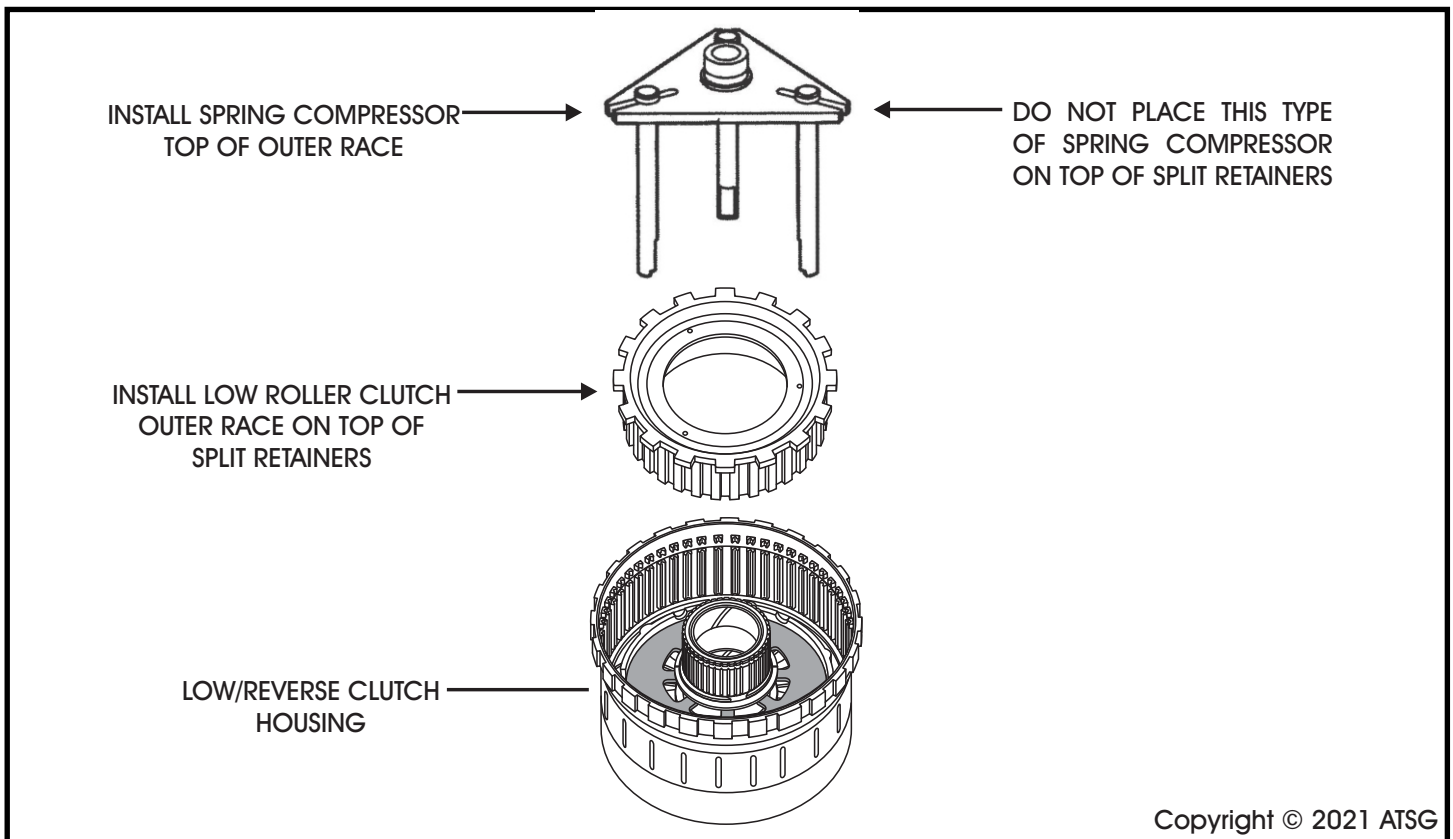
#### **Service Information:**

45/545RFE Low/Reverse Clutch Kit.....	5073003AC
68RFE Low/Reverse Clutch Kit.....	68029228AA
45/545RFE 2WD 1999 - 2006 Overhaul Kit.....	68334521AB
45/545RFE 2WD 2007 - 2009 Overhaul Kit.....	68334524AB
45/545RFE 2WD 2010 - 2018 Overhaul Kit.....	68334544AB
45/545RFE 4WD 1999 - 2006 Overhaul Kit.....	68334541AB
45/545RFE 4WD 2007 - 2018 Overhaul Kit.....	68334544AB
65RFE 2012 - 2017 Overhaul Kit.....	68334544AB
65RFE 2018 - 2019 Overhaul Kit.....	68334544AC
66RFE 2012 - 2017 Overhaul Kit.....	68330661AB
66RFE 2018 - 2019 Overhaul Kit.....	68330661AC
68RFE 2WD 2007 - 2009 Overhaul Kit.....	68336821AB
68RFE 2WD 2010 - 2017 Overhaul Kit.....	68336841AB
68RFE 2WD 2018 - 2020 Overhaul Kit.....	68336841AC
68RFE 4WD 2007 - 2017 Overhaul Kit.....	68336841AB
68RFE 4WD 2018 - 2020 Overhaul Kit.....	68336841AC

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**Figure 1**



**Figure 2**