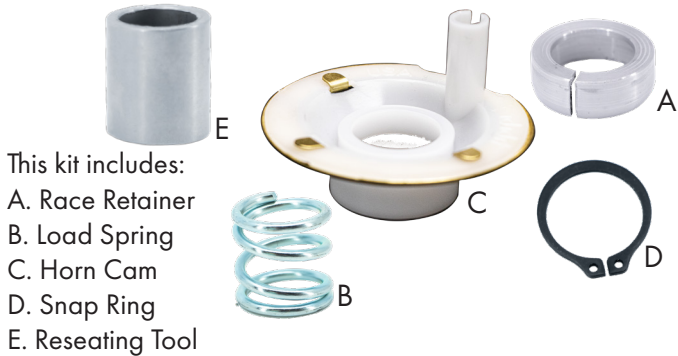


Repair of an Unseated IDIDIT Steering Column

For Part Number 2620100010

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Disassembly:

This kit is used to repair and reassemble a tilt steering column. The tools required to do this job are #1 regular screwdriver, a pair of snap ring pliers, 7/8" socket and wrench, and the jam nut from your column. After disassembling the column if any of these four parts are in the column they can be discarded as they won't be needed anymore.

We will assume your column is still assembled and we will start at the beginning.



Figure 1



Figure 2

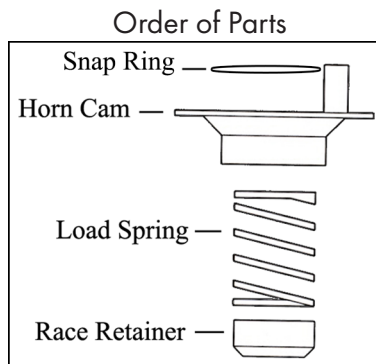


Figure 3

1. Remove steering wheel and adapter. Make sure the lower shaft is supported so it does not drop down in the column. We recommend that the column is still connected to a steering gearbox or rack and pinion. Before removing the snap ring, you should also be aware that there is a load spring that sets the preload on the bearings. This spring has approximately 1/4 inch of travel. So be prepared for the horn cam pop up.
2. Use the snap ring pliers to remove the snap ring from its groove. Find the split in the snap ring and lift one end with the screwdriver. Then walk the screwdriver around the shaft and the ring will come off. (Figure 1)
3. With the tension released, you can remove the horn cam and load spring. Use the screwdriver to remove the bearing race retainer under the load spring. (Figure 2 & 3)

Reassembly:

1. Grip the top of the shaft and make sure there is no up & down movement. If there is, you need better support of the shaft at the bottom of the column. Again, we recommend that the column is still connected to a steering gearbox or rack and pinion. With the bottom supported there should be minimal side to side movement on the shaft. If necessary lightly tap the bearing down.
2. Now install the billet race retainer with the flat side facing up. Slide the retainer over the shaft, the bottom of the retainer seats into the bearing race and acts as a wedge to remove any side to side movement. (Figure 4)
3. Now reinstall the load spring, the new horn cam, and new snap ring. You may need to use the snap ring pliers to spread the snap ring over the shaft. (Figure 5)



Figure 4



Figure 5

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Figure 6



Figure 7

Reassembly continued:

4. Place the Reseating Tool on top of the snap ring and thread the jam nut back onto the shaft by hand until snug. (Figure 6 & 7)
5. Using the 7/8" socket, tighten the jam nut until you feel the snap ring fully seat and lock into place. (Figure 8)
6. Now that the snap ring is seated you can remove the jam nut and the reseating tool. (Figure 9)
7. Your column is now properly seated and you can reinstall your steering wheel adapter and/or steering wheel.



Figure 8



Figure 9