EVO-1152

No Limits On-Demand Rubicon Swaybar Disconnect

Part number	Description	Quantity
EVO-20015ANO	EVO No Limits On-Demand Main Body	1
EVO-20016	EVO No Limits On-Demand Piston	1
EVO-770056	EVO No Limits On-Demand Hardware Pack	1

<u>The EVO No Limits On-Demand requires on board air supply (not supplied)</u>. ARB large compressor and solenoid, and EVO Air Compressor Mount EVO-1097 (sold separately) can be used.
Pressure should be regulated between 70 and 100 PSI

It is recommended to use an AEV ProCal Module or similar computer programmer to turn off the swaybar function light on your dashboard. Follow directions included with programmer.

When disconnected, never exceed 20mph. Disconnect for off road use only. Always drive connected when possible.

1. Swing the retention clip to the driver side holding the electronic connector in place. Remove connector.

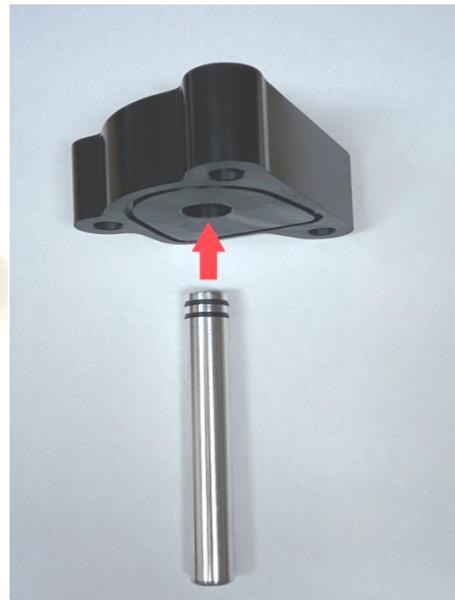2. With a 15mm wrench remove the three bolts that connect the actuator to the swaybar.

3. Remove factory swaybar actuator.

4. Carefully slide/roll the 2 small O-rings into the 2 grooves on the piston (bright aluminum part)

O-RING GROOVES

5. Hand thread the supplied air fitting into the main body a full turn. Be careful not to cross-thread. Using a 13mm wrench, tighten the air fitting into the threaded hole in the main body (black anodized part)

6. Place the large O-ring in the groove on the main body

7. Lightly oil the piston with a petroleum oil (motor oil, trans fluid or similar will work) and slide the O-ring side of the Piston into the Cylinder

8. Install your fully assembled No Limits On-Demand into the opening on your swaybar using the 3 bolts supplied and a 17mm wrench. Be sure the piston fits into the recess inside the Rubicon Swaybar.

9. Connect an air line from your existing on board air system to the fitting on the No Limits On-Demand body.

10. To test the system, park the vehicle on level ground and remove a swaybar link on 1 side. Verify that the disconnected side of the swaybar moves freely when the No Limits On-Demand engaged and that it is fixed when disengaged.

 If your swaybar is not disconnecting, remove the 5 bolts clamping the Rubicon swaybar disconnect housing together. Carefully disassemble, making note of how it comes apart and where each part goes. Clean and re-grease the sliding collar and gears. Reassemble in the reverse order it came apart.