

DURA CLUTCH INSTALLATION

15-571 DC-XPEDITION-A CALIBRATION UPGRADE KIT

SVI, LLC 29FEB2024

KIT PART #: 15-571

MODEL: K-DC-CAL UPGR-XPED-A

DESCRIPTION:

MY24 XPEDITION ALL MODELS

PURPOSE: Provides predictable and smooth engagement. More than double the belt pinch force over stock. Lowers operating rpm considerably for a better driving experience. In turn, this kit will increase fuel mileage over the stock calibration.

KIT CONTENTS:

1. 10-306 QTY 3, ASM-WEIGHT BUSHED XZ76
2. 90-076 STOP SHIM
3. 90-077 SPRING SHIM
4. 3211186 DRIVE BELT
5. 98-120 INSTRUCTION-INSTALL 15-571 (THESE INSTRUCTIONS)



PRIMARY CLUTCH REMOVAL

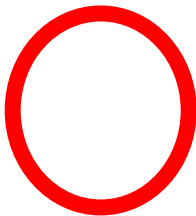
1. Remove the clutch housing cover.
2. Remove Primary clutch bolt. Remove the Primary clutch with puller SVI 99-012 (PII 28772085). Greasing the end of the puller slightly will aid in removal. Do not get grease on any clutch components.

Tools needed: 3/8-inch thin wall socket, 10mm socket, ratchet, 1/8-inch hex wrench. **NOTE:** light duty 1/4" or 3/8" drive power tools may be used. **DO NOT** use heavy duty impact power tools.



Remove cover bolts (x6) with 10mm socket.

Be sure to make a mark on the cover and the tower of the clutch so you know how they line up for re-assembly.





- Remove cover, spring and spring shim.



- With a 3/8" socket and 1/8" hex wrench, remove the three weight pins and nuts. Pay attention to which direction the weight pins run through the hole. Install the three new weights supplied in the kit. Re use the weight pins and nuts from last step.



Tighten up all three weight pin nuts. The nuts will bottom out on the weight pin shoulder when tight.

- Re-install the original spring.
- Install spring shim as shown in photo. *Note: this is the smaller of the two shims supplied in the kit.



Install the larger shim on top of the smaller one. This will give you the two shims stacked one on top of the other.



This photo shows the two shims installed.



Re install the cover, slowly tightening the cover bolts in an alternating pattern. Be sure to line up your marks on the cover and the tower. Torque cover bolts to **9 ft./lbs.** or **108 in./lbs.**

Install new belt into secondary, using belt tool open secondary so belt seats down into secondary
-Place belt into primary then install primary clutch onto post.

-Torque primary clutch bolt to **96 ft./lbs.**

-Re install clutch housing cover removed in step 1. Torque the cover bolts to **53 in./lbs.**

*Drive the machine for 5 miles to break in the new belt. Vary speeds and then let the machine cool down to heat cycle the belt.

-If you have questions or issues you can go to duraclutch.com to submit us an email,
or call us at (218-967-8205)