



2024+ Xpedition Shift-Tek Ultimate Clutch Kit

SKU(s): 402FP00

INCLUDED PARTS

(3) Primary Clutch Weights (50g)
Variety of Different Weights
(1) Helix

REQUIRED TOOLS

10mm Socket
Torque Wrench
Bench Compression Tool
15mm Socket





INSTALLATION INSTRUCTIONS

Setup	Stock	Stage 1 Quiet	Stage 1 Performance
Hole 1	(2) 3/8"	(2) 3/8"	(2) 3/8"
Hole 2	(2) 3/8"	(2) 3/8"	(2) 1/4"
Hole 3	(2) 1/4"	(2) 3/8"	(2) 1/4"
Hole 4	0	0	0
Hole 5	0	0	0
Primary Spring	Stock 57/223	Stock 57/223	Stock 57/223
Secondary Spring	Stock 160/230	Stock 160/230	Stock 160/230
Helix	Straight 38	Straight 38 or Stock	Straight 38
Primary weight in grams	57.2g	58.5g	56.0g
Operating RPM	8300-8600	7500-8000	8400-8700



NOTE: Always install a set screw on both sides of the weight arm. Install the screws with the provided blue thread locking agent. Make sure the screws are installed with an equal amount of thread engagement.

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Step 1: Remove the primary and secondary outer cover. Remove the drive belt. (Figure 1)



Figure 1

Step 2: You can pull primary clutch off the vehicle or keep it on the vehicle. You **DON'T** need to pull the primary; in these instructions we kept the primary on the car. Loosen all (6) M6 primary clutch cover bolts with a 10mm socket. Only take (3) all the way out. **NOTE:** Apply pressure to the primary clutch cover when removing the last (3) bolts.

Step 3: Remove the cover, OEM spring and spring cup. Next you will need a 1/8" Allen wrench and a 10mm socket to loosen the pins holding the OEM weights in. Perform this task one at a time.

NOTE: Have your Adjustable Shift-Tek weights already collaborated to your ECU Stage. See chart above.



Figure 2

Step 4: Tighten the pin holding the weights till it stops. DO NOT over tighten the pins. The weights should move freely with ease.

Step 5: Place the OEM spring onto the primary clutch. Place the spring cup and primary clutch cover onto the spring and compress. Torque the M6 bolts down to 100in-lbs (8.3 ft-lbs).



Figure 3

Step 6: With a 10mm socket and impact, remove the secondary bolt and washers. Remove secondary clutch.

Step 7: Remove the movable sheave with the rollers, place it to the side. Place the stationary sheave into a clutch compress tool.

With a 15mm socket, remove the (3) bolts from the helix. Decompress the tool.



Figure 4

Step 8: Remove the sheave, spring cup, and spring from the OEM helix. Place the OEM secondary spring into the EVP helix, followed by spring cup and sheave. Compress everything together. Use Blue Loctite on (3) M10 bolts, torque down.



Figure 5

Step 9: Place both sheaves together, make sure all the rollers are moving properly. Reinstall the secondary onto the machine.

Step 10: Reinstall the drive belt and remove the belt changing tool. Spin the secondary until the drive belt has seated.

Step 11: Reinstall the CVT belt cover.

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Note: *This product is exempt from the emission standards and related requirements of 40 C.F.R. § 1051 as provided by 40 C.F.R. § 1051.620, and California law [e.g., vehicle code §§ 27156 and 38391]. This product is sold only for use in connection with EPA certified, purpose-built, nonroad vehicles used solely for closed course, nonroad competition/racing and not used for any recreational purpose or on public highways or right of ways maintained by and open to the public. This product is sold only in connection with machines that do not fall under state and/or federal noise or emission standards/regulations. Purchasers who/that purchase this product represent and warrant that the product is purchased only in connection with EPA -certified, emission-regulations-exempt and noise-regulations-exempt competition/racing vehicles as interpreted under applicable state and/or federal law. Questions: Call Evolution Powersports at (715) 247-3862.*