



2018+ XP 1000 Ranger Shift-Tek Essential Clutch Kit

SKU(s): 401FP0016

INCLUDED PARTS

(1) Silver/Pink Primary Spring
(3) Adjustable Primary Clutch Weights
(1) Variety of Different Weights
(2) Primary Spring Shim

REQUIRED TOOLS

10mm & 17mm Socket
Torque Wrench
Blue Loctite
Allen Wrenches
Clutch Compressor Tool



Clutching Set Up 2 Seat (Stock 28" Tires)

	STOCK	STAGE 1	STAGE 2
Stock Primary Spring Engagement	2300	2300	2300
Silver/Pink Spring Engagement	1800	1800	1800
Hole 1	2. 1/2" ss	2. 1/2" ss	2. 1/2" ss
Hole 2	2. 3/8"ss	2. 3/8"ss	2. 3/8"ss
Hole 3	2. 1/4"ss	2. 1/4"ss	2. 1/4"ss
Hole 4	0	2. 1/4"ss	2. 1/4"ss
Hole 5	0	0	0
Secondary Spring	stock	stock	stock
Helix	stock	stock	stock
Operating RPM	6500-7000	7800-8000	7800-8000



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.

Clutching Set Up 4 Seat (Stock 28" Tires)

	STOCK	STAGE 1	STAGE 2
Stock Primary Spring Engagement	2300	2300	2300
Silver/Pink Spring Engagement	1800	1800	1800
Hole 1	2. 1/2" ss	2. 1/2" ss	2. 1/2" ss
Hole 2	2. 3/8"ss	2. 3/8"ss	2. 3/8"ss
Hole 3	0	2. 1/4"ss	2. 1/4"ss
Hole 4	0	0	0
Hole 5	0	0	0
Secondary Spring	stock	stock	stock
Helix	stock	stock	stock
Operating RPM	6500-7000	7800-8000	7800-8000



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.

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



Figure 1

Step 2: Loosen all (6) M6 primary clutch cover bolts with a 10mm socket. Only take (4) all the way out. **NOTE:** Apply pressure to the primary clutch cover when removing the last (2) bolts.

Step 3: Remove the OEM spring. Next you will need a small 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 EVP spring onto the primary clutch. Place the primary clutch cover onto the spring and compress. Torque the M6 bolts down to 100in-lbs (8.3 ft-lbs).



Figure 3