



2021+ XP Turbo/S & Pro XP & Turbo R Shift-Tek Ultimate Clutch Kit

SKU(s): Low (402FP0071), High (402FP0072)

INCLUDED PARTS

(1) EVP Silver Primary Spring
(3) Adjustable Primary Clutch Weights
(1) Variety of Different Weights
(1) Turquoise Secondary Spring
(1) EVP Helix

REQUIRED TOOLS

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





2021 XP Turbo/S Clutching Set Up (Without FPCM)

	Stock	2-91 2RWI-91	3-93 3RWI-93	4-96 4RWI-96	5RWI-X85	P 270
Horsepower	168	180	185	188	196	270
Primary Spring	Silver	Silver	Silver	Silver	Silver	Silver
Engagement RPM (Low)	2200	2200	2200	2200	2200	2200
Engagement RPM (High)	2600	2600	2600	2600	2600	2600
Operating RPM	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600
Hole 1	0	0	0	0	0	(2) 3/8" SS
Hole 2	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	(2) 3/8" SS
Hole 3	0	(2) 1/4" SS	(2) 1/4" SS	(2) 1/4" SS	(2) 1/4" SS	(2) 3/8" SS
Hole 4	0	0	(2) 3/16" SS	(2) 3/16" SS	(2) 3/16" SS	(2) 3/8" SS
Hole 5	0	0	0	0	(2) 3/16" SS	(2) 3/8" SS
Assembled Weight in Grams	68.7g	70.5g	71.8g	71.8g	73.0g	81.4g
Secondary Spring	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise
Helix	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48

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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2021 XP Turbo/S Clutching Set Up (With FPCM)

	Stock	2-91 2RWI-91	3-93 3RWI-93	4-96 4RWI-96	5-E85	5RWI-X85	P 270
Horsepower	168	200	207	213	208	221	270
Primary Spring	Silver	Silver	Silver	Silver	Silver	Silver	Silver
Engagement RPM (Low)	2200	2200	2200	2200	2200	2200	2200
Engagement RPM (High)	2600	2600	2600	2600	2600	2600	2600
Operating RPM	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600
Hole 1	0	0	0	0	0	0	(2) 3/8" SS
Hole 2	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	((2) 1/4" SS	(2) 3/8" SS
Hole 3	0	(2) 1/4" SS	(2) 1/4" SS	(2) 1/4" SS	(2) 1/4" SS	(2) 1/4" SS	(2) 3/8" SS
Hole 4	0	0	(2) 3/16" SS	(2) 3/16" SS	(2) 3/16" SS	(2) 3/16" SS	(2) 3/8" SS
Hole 5	0	0	0	0	0	(2) 3/16" SS	(2) 3/8" SS
Assembled Weight in Grams	68.7g	70.5g	71.8g	71.8g	71.8g	73.0g	81.4g
Secondary Spring	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise
Helix	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48

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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2021+ Pro XP & Turbo R Clutching Set Up

	Stock	2-91 2RWI-91	3-93 3RWI-93	3-96 3RWI-96	4RWI-X110	5RWI-X85	P 280
Horsepower	181	217	228	237	250	257	280
Primary Spring	Silver	Silver	Silver	Silver	Silver	Silver	Silver
Engagement RPM (Low)	2200	2200	2200	2200	2200	2200	2200
Engagement RPM (High)	2600	2600	2600	2600	2600	2600	2600
Operating RPM	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600	8400-8600
Hole 1	0	0	0	0	0	0	0
Hole 2	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 1/2" SS
Hole 3	(2) 1/4" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 1/2" SS
Hole 4	0	(2) 1/4" SS	(2) 1/4" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS	(2) 3/8" SS
Hole 5	0	0	(2) 3/16" SS	(2) 3/16" SS	(2) 1/4" SS	(2) 3/8" SS	(2) 3/8" SS
Assembled Weight in Grams	71.6g	73.4g	74.9g	75.5g	76.1g	77.9g	81.4g
Secondary Spring	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise	Turquoise
Helix	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48	EVP 38-48

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)

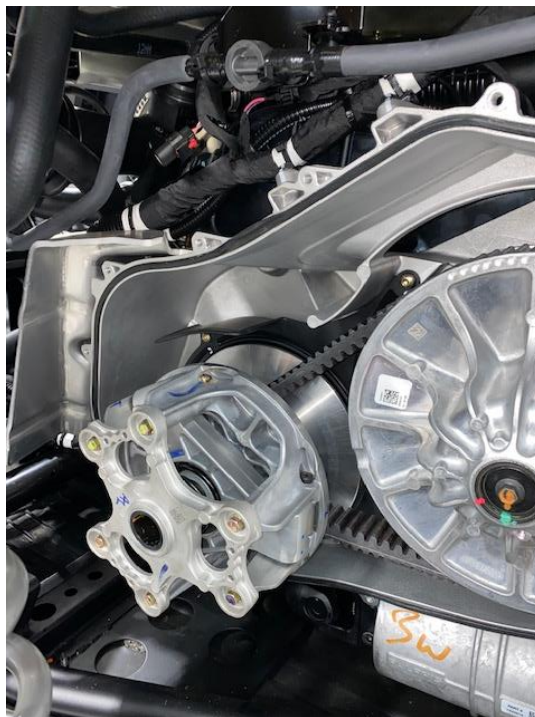


Figure 1

Step 2: Either pull primary clutch off the vehicle or keep it on the vehicle. 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 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

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 and 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 OEM spring. Place the Turquoise 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.

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

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.*