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INSTALL INSTRUCTIONS:

Heavy Duty Mounting Kit for
2018-2020 Polaris RZR Turbo S,
2016-2020 Polaris RZR XP Turbo
and 2018-2020 Polaris RZR RS1
SKU: 360-P0720

PARTS LIST FOR SKU: 360-P0720

QTY.	PART #	DESCRIPTION
1	360-70097	XP1K Engine Mount Bar- Heavy Duty
1	360-90410	Polaris RZR Turbo-S and RS1 Billet Engine Mounting Kit

PARTS LIST FOR SKU 360-70097

QTY.	PART #	DESCRIPTION
1	8630	Polaris RZR XP1K and turbo Engine Mounting Bar
HP9246		
4	6432	Heavy Duty RZR Engine Mount Flanged Crush Sleeve
2	HARDWARE-1/2-20-AN178H7	Aeronautical Standard Bolt 1/2-20 2-63/64", Hole Diameter: 1/16", Thread Length: 53/64
2	HARDWARE-.032-SW	Bend-and-Safety Wire 304 Stainless Steel Wire Matte Finish, 1-Foot Long, 0.032" Dia.

PARTS LIST FOR SKU 360-90410

QTY.	PART #	DESCRIPTION
2	6187	Polaris RZR XP1K and Turbo Billet Engine Mount Housing
4	6188	RZR Engine Mount Flanged Crush Sleeve
4	6192	2862 Bushing Modified for RZR XP Turbo Engine Mount
2	6193	2862 Bushing Modified for RZR XP Turbo Trans Mount
1	6194	Polaris RZR Xp1K and Turbo Billet Transmission Mount Housing
2	6195	RZR Trans Mount Flanged Crush Sleeve
HP9203		
7	HARDWARE-M8X1.25-FN	M8-1.25 Hexagon Flange Nut with Nylon Insert Steel Zinc. DIN 6726/ ISO 7043
7	HARDWARE-M8X1.25X55	M8-1.25X55mm Hexagon Head Cap Screw-Hex Machine Bolt- Partial Thread Class 8.8 Zinc. DIN 931/ ISO 4014/ GB5782



WARNING

Please read this entire instruction sheet before beginning installation. Proper installation of these components requires a qualified mechanic. Always wear safety glasses when using power tools, and take appropriate precautions when working under a vehicle. If these instructions are not properly followed you may jeopardize your, and your passenger's safety, and severe frame, suspension or tire damage may also result from improper installation.

INTRODUCTION

The Cognito Heavy Duty Mounting Kit is designed to be more durable and lightweight than stock motor mounts. Mounts and crush sleeves are made of billet aluminum 6061. Polyurethane bushings are utilized. Shank bolts are used to improve the connection between the motor mounting bar and the motor mounts, and to allow safety wire to be used to lock the motor mounting bolts in place.

REQUIREMENTS

- Installation requires a qualified mechanic
- A vehicle lift is required to perform the installation of these products and always ensure the vehicle is properly supported before attempting installation or serious injury may occur.
- Read instructions carefully and study the pictures before attempting installation.

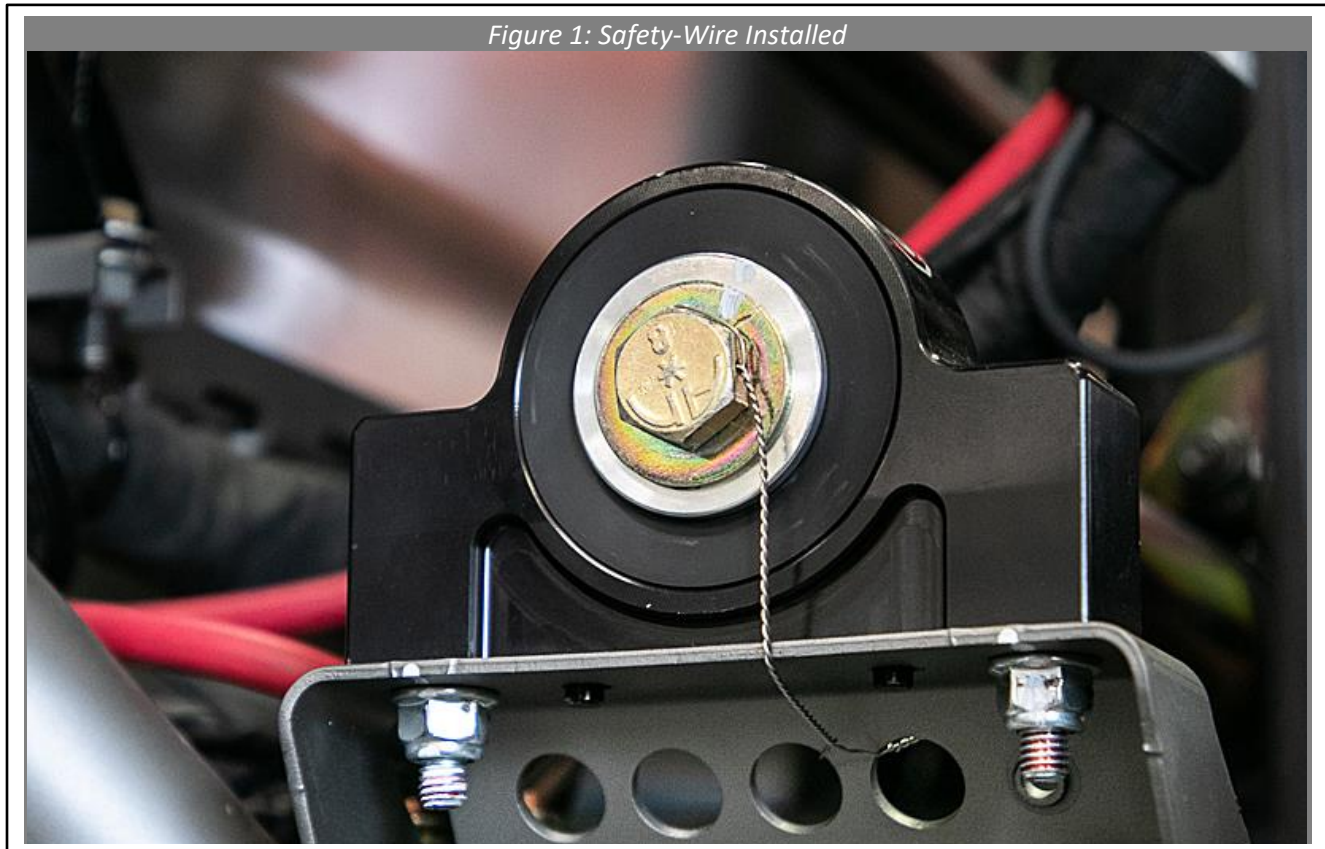
TECHNICAL INFORMATION

- Check the parts and hardware packages against the parts list to assure that your kit is complete before starting
- Each kit, and optional kits, are packaged separately. Therefore installation procedures are covered in separate instructions. Familiarize yourself with each specific set of instructions before beginning.
- Follow the OE specifications when replacing or re-installing OE fasteners, retainers, and hardware specified in the OEM manual

INSTALLATION

1. Make sure the motor of your vehicle is properly supported so that removal of the mounts does not cause the motor to fall. The most common methods for supporting the motor are strapping it to the frame or removing the skid plate under the motor and supporting the motor from underneath with a jack and piece of wood.
2. With the motor properly supported, remove OEM motor mounts from the engine mount tube.
3. Each motor mount should come preassembled with two polyurethane bushings (Part No: 6192) and aluminum crush sleeves (Part No: 6188). Remove the crush sleeves that came with your Cognito Engine Mount Kit and replace them with the crush sleeves included with the Heavy Duty Engine Mount Tube. (Part No: 6432)
4. Verify that the Cognito mounts are assembled correctly. Each side should have a polyurethane bushing and crush sleeve. Install the Cognito mounts. Make sure that the mounts are seated properly and the alignment pins on the motor mounts are sitting within the holes of the frame. Tighten the 8 mm bolts provided with the kit to 18 ft. lbs. (24 Nm). Install the shank bolts and tighten to 65 Ft-lbs. (88 Nm)

5. Install safety wire from bolt head to chassis as shown. Looking at the head of the bolt, the safety wire must be installed so it “pulls” clockwise on the bolt head. Twist the safety wire together tightly. Safety wire pliers are recommended but vise-grips can be used instead. See figure 1 below.



6. You will have to remove the two metal brackets that connect the transmission mount to the transmission first in order to get the transmission mount out. Remove the OEM transmission mount and replace; the kit will include new 8 mm bolts here as well. Again, verify that the mount is seated properly, and the alignment pins are seating within the holes of the frame. Torque the transmission mount bolts to the same torque specs as the 8mm motor mount bolts in step 4. There will be one extra bolt included, which is not needed on this model.
7. It should now be safe to release whatever you used to support your vehicle in step one, reattach the engine skid plate if you removed it in step 1.

WARRANTY / RETURN POLICY / SAFETY

Cognito Limited Lifetime Warranty

Cognito Motorsports, Inc. hereinafter “Cognito,” warrants to the original retail purchaser, that its suspension products are free from workmanship and material defects for as long as the purchaser owns the vehicle on which the product(s) were originally installed. This warranty will be void if any modifications are made to the components, including alterations to the surface finish, i.e.; painting, powder coating, plating, and/or welding, or if they are improperly installed. Cognito truck suspension products are not designed nor intended to be installed on “competition” vehicles used in race applications, stunt or for exhibition purposes that are outside of the intended operating conditions specified by the manufacturer. Racing and competition are defined as any contests between two or more vehicles; or vehicles competing individually on off road circuits in timed events (whether or not such contests are for an award or prize).

This warranty does not include coverage for police, taxi, government or commercial vehicles, and the warranty does not cover Cognito products sold outside of the USA. Cognito’s obligations under this warranty are specified and applied at its sole discretion, and warranty coverage is limited to repair or replacement of the defective product(s). Any and all costs of removal, installation or reinstallation; freight charges, incidental or consequential damages associated with the covered products are expressly excluded from this warranty.

The following items are exempt from Cognito limited warranty coverage: bushings, bump stops, tie-rod ends (Heim joints) and limiting straps. These parts are “consumables” and designed to wear as a normal part of their duty cycle, therefore they are not considered defective when worn. The aforementioned products are warrantied separately against defects in workmanship, for 60 days from the date of purchase. As a condition of warranty validation, respective Cognito suspension components must be installed as a complete system (not combined with non-Cognito hardware or ancillary parts). Any substitutions or omission of required components will void the warranty. Some minor cosmetic wear and imperfections may occur to parts during shipping, which is not covered under this warranty. This limited warranty does not apply to any components that have been subjected to collision damage, negligence, alteration, abuse, or misuse, and coverage does not extend to products manufactured by third-party companies. Cognito reserves the right to supersede, discontinue, or change the design, finish, part number and/or application of its parts when deemed necessary, without notice.

Return Policy

Product returns will not be accepted without prior written approval from an authorized Cognito representative. All products being returned must be shipped via trackable, prepaid freight. Returned products are subject to a 25% percent restocking fee. The eligible return period for products purchased directly from Cognito is 30 days from the verified date when the product(s) were originally received by the purchaser.

Product Safety Advisory

The installation of Cognito steering and suspension components will modify your vehicle’s original factory equipment and geometry, which may cause it to handle differently than a stock (unaltered) vehicle. Installation of these components is not intended to strengthen nor reinforce the vehicle’s frame, nor are they designed to increase rollover protection. It is necessary to periodically inspect all suspension and drive train components for proper attachment, torque specifications, operation, and for any potential unusual wear or damage. Installation of these parts will modify the height of the vehicle and may raise the center of gravity. Modifying vehicle height combined with off road operation may increase your vehicle’s susceptibility to rollover conditions, which may cause serious injury or death. Many states regulate allowable vehicle height modifications, and it is your responsibility to know and comply with the legal requirements specified by the laws where you reside. Modifications to your vehicle’s ride height may also affect the ride quality, driver input response, trackability and handling, and wear to your vehicle’s suspension components and tires.