

2016-2022 Polaris RZR XP Turbo, 2018-2022 Turbo S & RS1 Billet Engine Mounting Kit

INSTALL INSTRUCTIONS:

**2016-2022 Polaris RZR XP Turbo.2018-2022 Turbo S RS1
Billet Engine Mounting Kit
SKU: 360-90410**

PARTS LIST FOR SKU: 360-90410

QUANTITY	PART #	DESCRIPTION
2	6187	BILLET ENGINE MOUNT HOUSING
4	6188	ENGINE MOUNT CRUSH SLEEVE
4	6192	ENGINE MOUNT BUSHING
2	6193	TRANS MOUNT BUSHING
1	6194	TRANSMISSION MOUNT HOUSING
2	6195	TRANS MOUNT CRUSHED SLEEVE
1	HP9203	BILLET ENGINE MOUNT HARDWARE

PARTS LIST FOR SKU: HP9203

QUANTITY	PART #	DESCRIPTION
7	HARDWARE-M8X1.25X55	Head Cap Screw
7	HARDWARE-M8X1.25-FN	Hexagon Flange Nut



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 Billet Engine and Transmission Mount Kit for the RZR 1000 is designed add both style and function. The OE mounts are made of a soft rubber and prone to failure.

The Cognito mounts are CNC machined from billet aluminum and black anodized. Each mount uses a heavy-duty isolator material to support the drivetrain and absorb vibration.

Mounts and crush sleeves are made of billet aluminum 6061.

Utilizes polyurethane bushings.

TECH NOTES

- Read instructions carefully and study the pictures (if included) before attempting installation.
- If this product was purchased as part of a bundle/package. Familiarize yourself with each set of instructions included with the bundle/package before beginning.
- Check the parts and hardware packages against the parts list to assure that your kit is complete before starting.

REQUIREMENTS

- Installation requires a qualified mechanic.
- Follow the OE specifications when replacing or re-installing OE fasteners, retainers, and hardware specified in the OEM manual.
- Always wear safety glasses when using power tools.
- When a 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.



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. Save the OEM **10 mm** bolt, that bolt will be reused.
3. 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 mount are sitting within the holes of the frame. Tighten the **8 mm** bolts provided with the kit to **18 ft. lbs. (24 Nm)**. Afterwards tighten the **10 mm** bolts to **30 ft. lbs. (40 Nm)**.
4. 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 motor mount bolts in **step 3**.
5. It should now be safe to release whatever you used to support your vehicle in **step 1**, 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.