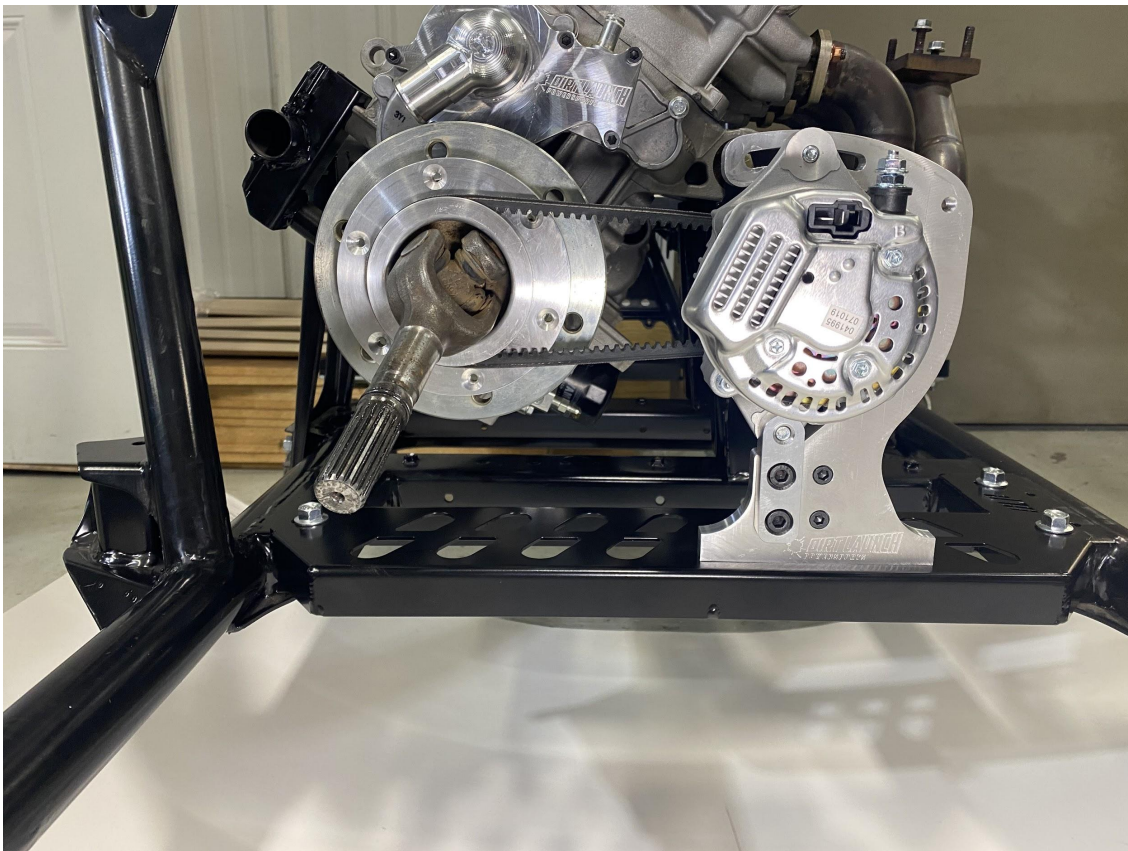


***Use blue loctite or equivalent on all hardware installed**

Pulley Install

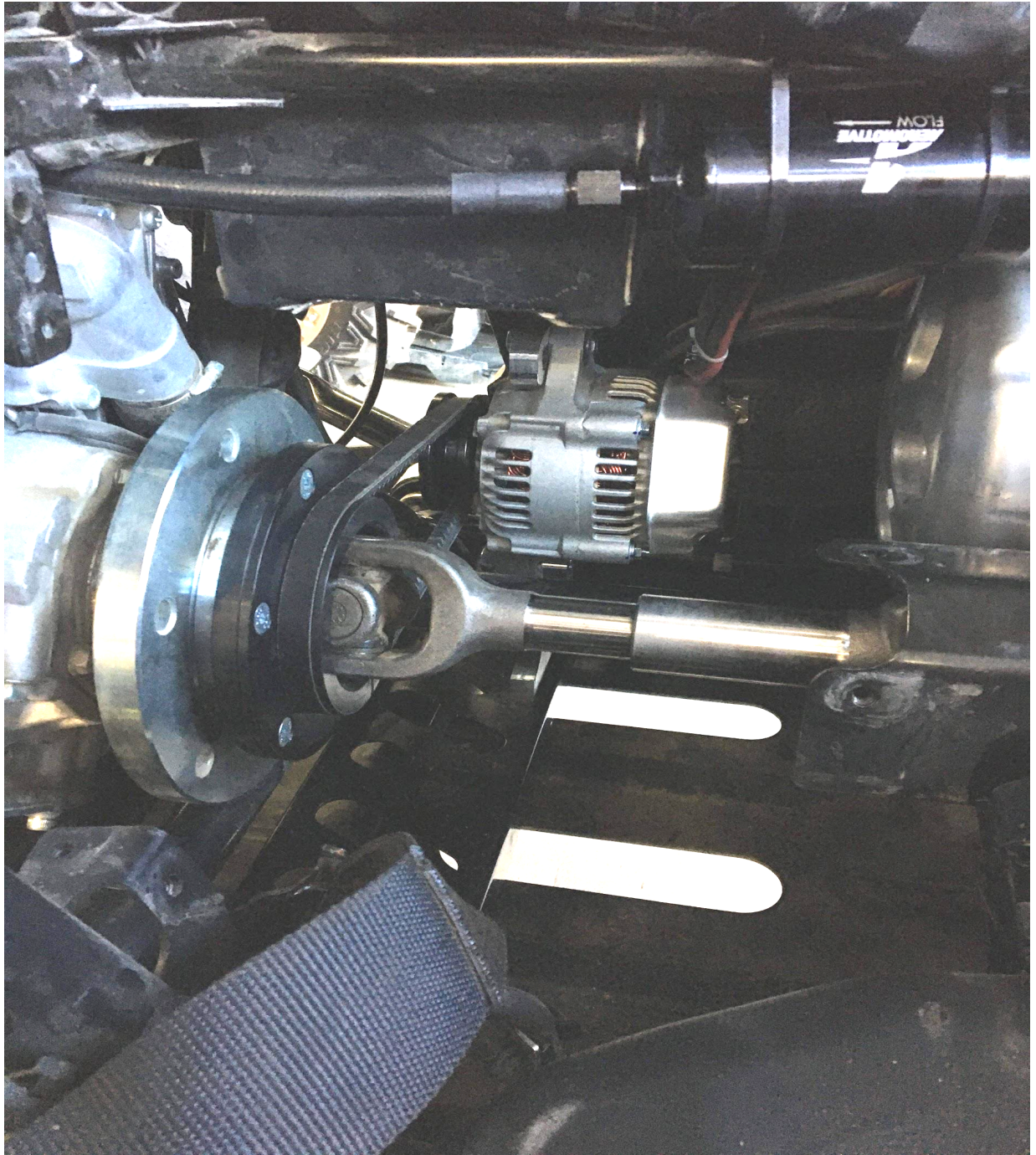
1. Remove center skid plate, both center console plastics, and driveshaft guards. (driveshaft guards will not be reused)
2. Unbolt and remove the center driveshaft from the flywheel.
3. Slip the alternator belt, pulley, and pulley flange over the driveshaft with the pulley facing the front of the YXZ.
4. Make sure the splines are well greased. Slide the shaft back together making sure the rear U-joints are inline with the front.
5. Bolt the pulley flange to the flywheel sandwiching the driveshaft flange using the six low profile bolts supplied in the kit. Torque to factory specifications.
6. Align the tapered countersunk holes and attach the pulley to the pulley flange using the tapered countersunk bolts.



Alternator Install

1. Remove rear sway bar mount bolts
2. Install chassis bracket underneath the rear sway bar mounts using the factory bolts making sure the bracket is slid as far forward as possible.
3. Assemble the three billet brackets together and then install the alternator with the alternator pulley on the opposite side as the logo leaving both alternator bolts loose.
4. Install the assembly onto the chassis bracket leaving the bottom three bolts finger tight to align the bracket. The shortest of the three bolts packaged together will go in the shallow hole at the end of the triangular bracket.
5. Using a straight edge, align the two pulleys by sliding the billet bracket forward or backwards and tighten down the three bottom bolts.
6. Install the belt over both pulleys and pivot the alternator to tighten the belt and secure bolts to hold tension.
7. Verify the belt is tight with little up and down play.





Wiring Install

*Do not connect wires to the battery until the last step.

1. The alternator wires are molded together. The power wire with the red stripe is much shorter on the battery side. The other half will be fed through the driver's side center console plastics following the existing harness down to the alternator.
2. The red wire with the small eyelet will connect to the single stud on the alternator.
3. The black ground wire will connect to the single bolt on the top corner of the billet bracket. (pictured below)
4. Connect the top of the wire assembly (one short leg and one long) to the battery.

