

Polaris Axys 2.6 Belt Drive Packing List

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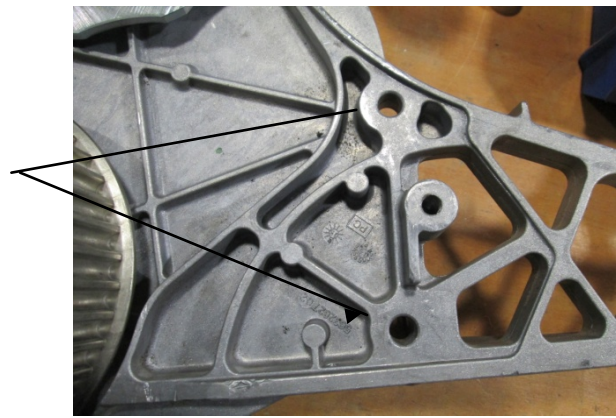
- Top Gear
Ratio _____
- Spare Gear (if ordered)
Ratio _____

- Belt
- Spare Belt (if ordered)
- Top Gear Assembly
- Tensioner Assembly
- Bottom Gear
- Hardware Kit
- Instructions



Polaris 2.6 Belt Drive Conversion Instructions

1. Remove the right hand body panel for access to factory belt drive. (Throttle side) You may also choose to remove the factory exhaust or after-market turbo from this area.
2. Remove the factory bolts that hold on the factory gears.(apply the brake)
3. Remove the factory gears and belt.
4. Remove the 2 bulk head bolts pictured below. You will need a T40 star bit. You will need to heat up the bulk head with a heat gun or a small propane torch to get the glue and Loctite to release. Otherwise you may strip the head of the bolt. Do not heat the head of the bolt, heat where the bolt threads into the bulkhead.

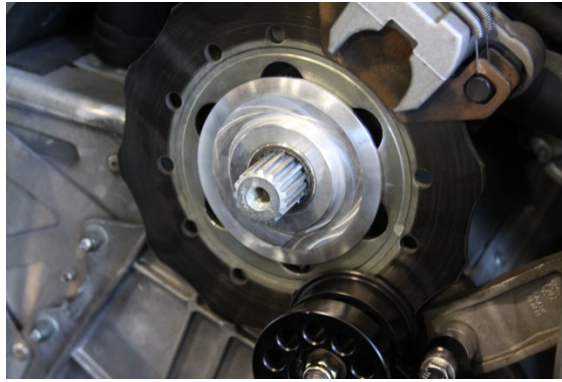


5. Take the mounting bracket and attach with the 2 M8 socket head cap screws. Tighten the bolts to 25ft lbs. Make sure to use Loctite to keep bolts from coming loose with vibration. Also, make sure bracket is tight to bulkhead.



6. You will use the 3 inch long bolt and jam nut to tension the arm. You may need to trim the bolt to clear an exhaust can or turbo.

7. Place the top gear flange (one with the largest hole in the center) onto the top brake rotor shoulder.



8. Place small top gear onto the jackshaft, engraving should face out, there is only 1 way the gear will fit properly.
9. Place large bottom gear onto the bottom drive shaft. Make sure to replace bottom bolt with the new supplied bolt. Remember to use Loctite on all threads.
10. Remove belt from packaging and install over the gears and the idler. Now install outer flange onto top gear.



11. You will need to loosen bolts (9/16 wrench) holding the adjuster arm, and “by hand” push arm to the left to take up slack in belt. You may need to turn top jackshaft slightly to make sure belt falls into grooves on belt. Snug bolts back up using same 9/16 wrench. Making sure to apply blue Loctite to the threads. Use the supplied 3 inch bolt that is threaded into the side of mounting block. Adjust the bolt so that it pushes the tensioner arm over and tightens the belt.
12. Make sure parking brake is still applied. Torque bolts holding top and bottom pulleys to 45 ft. lbs.
13. The belt should have between 1/8 and 3/16 of an inch of deflection when sled is up to operating temp. When sled is cold, belt will have between 3/8 & 1/2 inch deflection. ALWAYS tension belt when sled is up to temperature after riding 3-5 miles. Then use your 9/16 wrench to tighten the top bolt and bottom bolt to 25 ft lbs.
14. For best results start the sled and drive it forward and then reverse the sled to make sure all brackets are properly located. You may need to re-tension the belt.