



“Setting the World’s
Performance Standards”

743 E. Iona Road, Idaho Falls, ID 83401, (208) 529-0244 Fax (208) 529-9000

SLP Engine Torque Arm for all Polaris 850 Patriot with or without electric start: Part #23-73

Kit Contents:

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|---|---|
| 1 - 3/8”-16 x 1 1/2” Bolt (#999-1412) | 1 - 3/8”-16 x 2 1/4” Bolt (#999-1410) |
| 1 - 3/8” USS Flat Washer (#999-0078) | 1 - 3/8”-16 Nylock Nut (#999-0065) |
| 1 - Torque Arm Mount (#23-7301) | 1 - U Shaped Saddle Bracket Loop (#23-7202) |
| 1 - Torque Arm Iso-Link (#023-1) | 1 - Rod End (#023-2) |
| 1 - Installation Instructions (#015-2373) | 2 - 8mm-1.25x40mm (#999-0259) |
| 2 - Lock Washers (#999-0075) | 1 - SLP Decal (#60-60) |
| 1 - 3/8”-24 Jam Nut (#023-6) | |

Tools Required:

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|------------------------------------|---|
| 9/16” End Wrench | 9/16” Socket |
| Blue Thread Locker | 3/8” Ratchet |
| 4” Spring Hook Tool (SLP #20-89) | 6mm x 5” Long Ball End Allen Socket (SLP #20-221) |
| 12” Spring Hook Tool (SLP #20-210) | |

Installation:

1. Remove both side panels and hood.
2. Remove silencer, pipe(retain OEM springs, rubber dampeners and grafoil seals), top and outside Y-Pipe bolts on the PTO side.
Note: The Y-Pipe is not required to be removed, but for ease of access it is highly recommended to do so. For easiest removal and installation of Y-Pipe to pipe springs, use SLP Spring Hook Tools (#20-210 and 20-89). Use #20-210 (12”) Spring Hook Tool for removing/installing the upper Y-Pipe springs and #20-89 (4”) for removing and installing the lower Y-Pipe springs. Remove/install lower Y-Pipe springs by going in from the silencer side.
3. Remove the bolt & washer holding the Iso-Link to the Y-Pipe bracket, **apply blue thread locker** and re-assemble.
4. Remove the bolt and nylock nut that are holding the U shaped saddle bracket to the rod end and set aside for installation in step #6.
5. Install Y-Pipe bracket to the outside of the Y-Pipe, using supplied bolts (8mm-1.25x40mm #999-0259) and lock washers. Torque to 11ft/lbs then 22ft/lbs.

Note: Tighten Iso-Link to the bracket now.

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6. Install chassis U-shaped saddle bracket loop around the outside machined end of the round bulkhead support (see illustration). Adjust the rod end to align with the saddle bracket with no free play when the bolt and nylock nut are tightened. Bolt needs to be tightened until U-shaped saddle bracket ends are parallel with each other and tighten the jam nut on the ball joint.

7. Re-install all parts removed in step 1 and 2.

Note: Check cylinder to Y-Pipe gasket and replace if needed with SLP metal exhaust flange gasket #090-969 and torque the primary clutch to 80ft/lbs.

