

TORQ-MASTERS

INDUSTRIES

TRQ-CA-X3-RDC Can-Am X3 Heavy Duty Front Differential Cover

Thank you for your purchase of the TRQ-CA-X3-RDC Can-Am X3 Heavy Duty Front Aluminum Differential Cover by Torq-Masters Industries. This upgrade kit replaces the stock Can-Am Differential Cover to greatly improve the strength of your differential and to dissipate heat. The Can-Am X3 Aluminum Heavy Duty Front Differential Cover by Torq-Masters Industries can be installed on a stock differential with either a Visco Lock, or with a TORQ Locker installed.

***** Installation should be performed by a professional or an individual experienced in setting up gears with proper tools *****



Front of cover

Can-Am X3 HD Front Differential Cover Kit Contents

- Heavy Duty Front Differential Cover
- Upgraded bearing and oil seal, comes pre installed
- Qty 3, shims, thickness 0.010
- Brass bung, for vent tube
- New O-ring



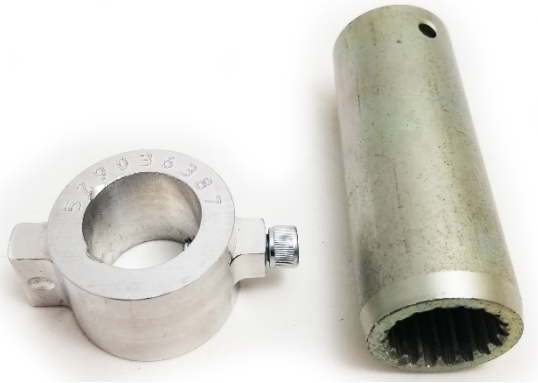
Back of Cover



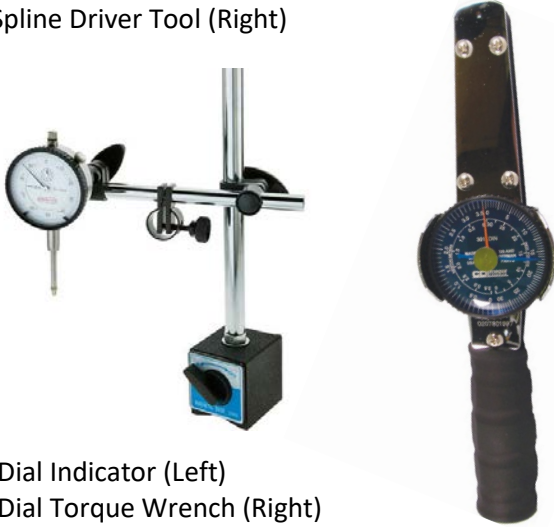
Shims & Bung

Additional Specialty Tools

- **Backlash Measurement Tool by Can-Am**
 - Part Number 529036387
- **Spline Driver Tool by Can-Am**
 - Part Number 52903686
 - Required for testing Preload
 - HD Diff cover does not adjust Preload
- **Can-Am X3 Maintenance and Repair Manual**
 - Digital format manual available on eBay
- **Dial Indicator with Magnetic Base**
- **Dial Torque Wrench**
 - Only required for testing Preload

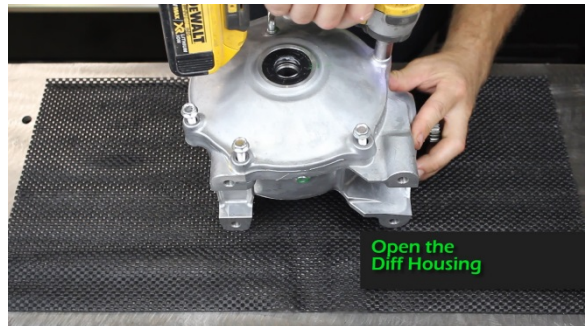


Backlash Measurement Tool (Left)
Spline Driver Tool (Right)



Dial Indicator (Left)
Dial Torque Wrench (Right)

Can-Am X3 Front Differential Cover Install Instructions



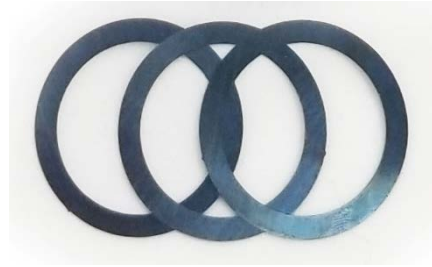
1.) Remove the front differential from
Your Can-Am, refer to manual for instructions

2.) Open the Differential Housing

MAVERICK X3



SERVICE REPAIR MANUAL



3.) Refer to the Can-Am Service Manual For proper Backlash, Preload instructions And tolerance specifications

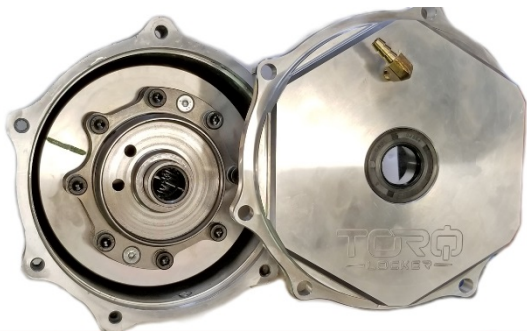
4.) Use the provided shim kit to adjust the backlash as necessary. Each 0.010" shim adds approx. 0.003" backlash



5.) Lubricate the diff cover o-ring With a light coating of gear oil



6.) **** Optional **** apply Blue Thread Locker to diff cover bolts (not supplied in kit, not required in the Can-Am Manual).



7.) Reinstall the diff cover bolts, hand tight. Use a torque wrench and torque Diff cover bolts in a star pattern. **Torque Specification = 17 ft-lbs**

{End of Manual}

Please direct any questions to: info@torqmasters.com

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