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INSTALLATION INSTRUCTIONS FOR: RE1805 JK Wrangler Rear T-Case Flange Adapter

Safety Warning:

Suspension systems or components that enhance the off-road performance of your vehicle may cause it to handle differently, on and off-road, than it did from the factory. Care must be taken to prevent loss of control or vehicle rollover during sudden maneuvers. Failure to drive the vehicle safely may result in serious injury or death to driver and passengers. We recommend you always wear your seatbelt, drive safely and avoid quick turns and other sudden maneuvers. Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

KIT CONTENTS:

- 1 Billet adapter flange
- 8 8mm-1.25 x 25mm socket cap screws
- 1 HWC10300 bag kit #105

Note: Rear driveshaft Part # RE1887-240 (2 door) and RE1887-430 (4 door), specific for the JK Wrangler must be used with this flange kit.

INSTALLATION:

1. Properly secure the vehicle for drive shaft removal.
2. Remove the stock rear drive shaft from vehicle. Keep the eight stock bolts removed from the t-case end for reuse in the billet flange adapter.
3. Install the billet flange adapter (using the 8 stock retaining bolts they you removed in the previous step) onto the rear output flange of the transfer case. Apply the supplied red loctite. Tighten to 30 ft/lbs.

NOTE: Manual transmission vehicles will require that the leading ¼"-1/2" of the stock bolt be cut off to avoid hitting the damper assembly and allowing the flange adapter to be completely tightened. Failure to do so will result in a driveshaft vibration.

4. With the flange securely bolted on to the output of the transfer case, use the supplied 7/16" bolts, lock washers, and loctite to attach the drive shaft to the adapter flange. Tighten to 45 ft/lbs.
5. Attach the pinion end of the drive shaft using the supplied (8) 8mm-1.25 socket cap screws and red loctite.
6. Recheck and re-tighten if needed all bolts after first 50 miles of driving.



TUNING TIPS

If vibrations occur under acceleration, the pinion needs to be lowered.

If vibrations occur under deceleration, the pinion needs to be raised.