

# Installation: TRANS-COOL Transmission Cooler



- Your TRANS-COOL kit includes:
- (2) 356T6 aluminum TRANS-COOL castings
  - (2) gaskets
  - (12) PTO bolts and washers
  - (2) temperature gauge ports in the castings with removable plugs

## REMOVING THE PTO COVERS

- Drain the transmission fluid by removing the bottom PTO cover bolt.
- Remove the Power Take Off (PTO) plate on both sides of the transmission.
- Clean the gasket service area thoroughly, making sure that all of the old gasket material has been removed. If needed, clean the female threaded area of the transmission.

## PREPARING THE COOLERS FOR INSTALLATION

- Either install a temperature gauge or a port plug into the TRANS-COOL units.
- Test fit the coolers to each side of the transmission. On the passenger side you may have to put the bolts into the cooler before sliding the cooler into place.
- Install the new gaskets included in the kit on the side of the transmission. Apply a thin coat of RTV silicone on both sides of the gasket.

## INSTALLING THE COOLERS

- Add thread sealer to the PTO bolts and install the TRANS-COOL on both sides of the transmission. Again, you may have to put the bolts in the cooler on the passenger side before sliding it into place.
- Torque the bolts evenly to **30 ft. lbs.** when installing.
- Refill the transmission with transmission fluid. The addition of the TRANS-COOL units requires that you add at least one additional quart of transmission fluid than normally required by the manufacturer. (Refer to Owner's Manual for fluid type.)
- Check to make sure there are no leaks from the coolers.



If you need more assistance, we are only a phone call away.

**(770) 886-2500**

Monday–Friday  
8:30am–5:30pm EST

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