



## 5R110W Transmission Installation Instructions

Please make sure that your cooler system is in perfect operating order and is completely cleaned out. This requires the use of a hot flush machine. Blowing the lines out with solvent will not clean the cooler correctly and contaminants will enter the new transmission. Be sure to replace (if applicable) the inline filter located on the cooler lines.

Use only OEM Mercon SP fluid in your new transmission. The new RevMax transmission will hold approximately 5 additional quarts. Please take these steps to insure your install goes correctly:

- You must prefill the converter before installation into transmission on these as much as you can, (3-5 qts) and fill transmission with as much oil as you can before starting the engine (8-10 qts) and then quickly fill the remaining oil into unit once engine is started, you can even start then shut off after 5-10 seconds and add more oil. The capacity of these units is upwards of 18-20 qts depending on cooler, pan etc. The unit pumps very fast and if the pump is let run dry for only a brief few moments you can destroy the pump bushing, gears and entire pump, converter neck etc. This can occur in less than one or two minutes.

The Ford Super Duty is notorious for ground issues. These grounds problems will cause premature and sometimes immediate pump failure if not addressed correctly. Please follow these steps to insure your grounds are in good shape.

- Ground cable must go to engine block only, do not ground to transmission bell housing or any other area. Make sure there's no corrosion on ends, terminals etc. RevMax recommends installing a new larger cable that can help prevent this from happening.

After installing the transmission, a readaptation process must be performed with a Snap on or equivalent scanner. A programmer or code reader cannot perform this. The vehicle can NOT be driven anywhere until this is performed. Failure to perform the readapt will cause major internal damage which is NOT covered under warranty. After the vehicle has been readapted, please do 20, 1<sup>st</sup>-6<sup>th</sup> and 6<sup>th</sup>-1<sup>st</sup> shift patterns under light throttle (do not exceed 50% at any time). Once the shifts have smoothed out it is ok to tow or increase throttle.