

210 Series Pump Mounting Orientation on 4x4 Vehicles

Due to the dynamic motion and potential loading of a 4x4 vehicle using the 10R140 transmissions, there is a possible interference between the pump and the driveshaft if the pump is mounted with the bulge out towards the driveshaft. Clearance between the pump and the 4x4 driveshaft is not as large as it may seem when the vehicle is stationary or on a lift. **Therefore, our engineering team stresses all 4x4 compatible pumps MUST be mounted with the bulge toward the transmission (See Figure 1).**

We will be updating our 210 Owner's Manual (HY25-1400-M1) highlighting this installation requirement. We have also added this as a note to the FRD-13 application page (which covers Ford 10R140 transmissions). This requirement is needed to ensure interferences do not occur with any other components shifter assemblies, hardlines, etc.

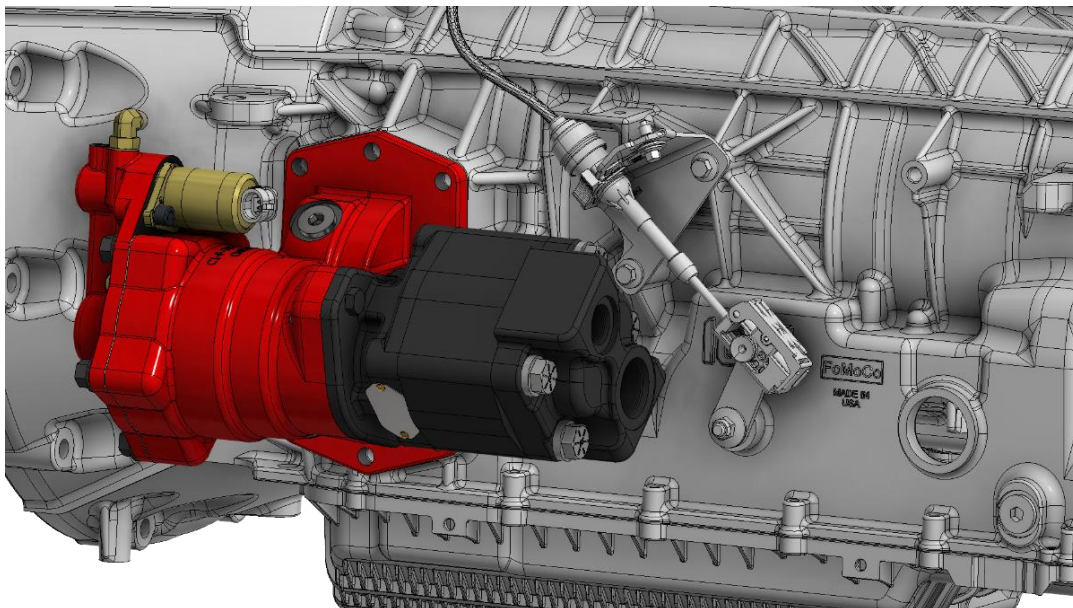


Figure 1 – 210 Series PTO with PGP315 pump mounted bulge towards 10R140 Transmission

If you have questions about this bulletin or other technical questions, contact us at:

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