

Proper **EATON** **Fuller** Output Shaft Yoke Torque Specifications

We have noticed an increase in calls for Technical Help, related to issues from the field.

Complaint:

The transmission output shaft and yoke are moving side to side or up and down when installed and torqued.

Cause:

The output shaft yoke to transmission has NOT been properly torqued to OE specification during the installation process of installing a transmission. Quite often the installer stops tightening up the output shaft yoke nut when their impact air wrench stops. Please note, this does not mean the nut is properly torqued.

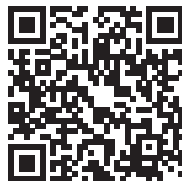
Note: The required torque specifications for most Eaton Fuller transmission yoke output nuts is 450- 500 ft. lbs. Unfortunately, most impact wrenches will stop functioning below 400 ft. lbs. of torque.

Common Problem:

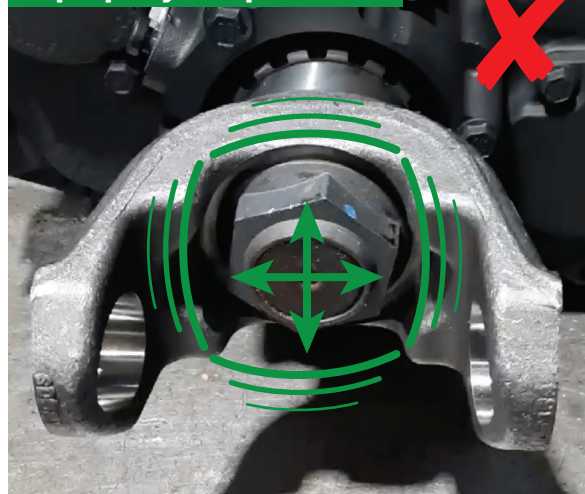
Below is a link to a video showing the differences between a properly and improperly torqued output shaft yoke nut. When the output yoke nut is not properly torqued, the output shaft will have side to side and up down play. Additionally, there will be no output shaft threads visible.

Solution:

When the output shaft yoke nut is properly torqued to Eaton-Fuller OE specifications, there are visible threads at the shaft and there is no side to side or up down movement of the output shaft.



Improperly Torqued Yoke



Proper Torqued Yoke



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