

Tuff Torq Hydrostatic Internal Charge Pump Orientation

For Reference Only:

Note: Some models may vary in appearance. This diagram is intended to provide information regarding the orientation for the internal charge pump for most Tuff Torq Hydrostatic transaxles.

Internal Charge Pump Orientation

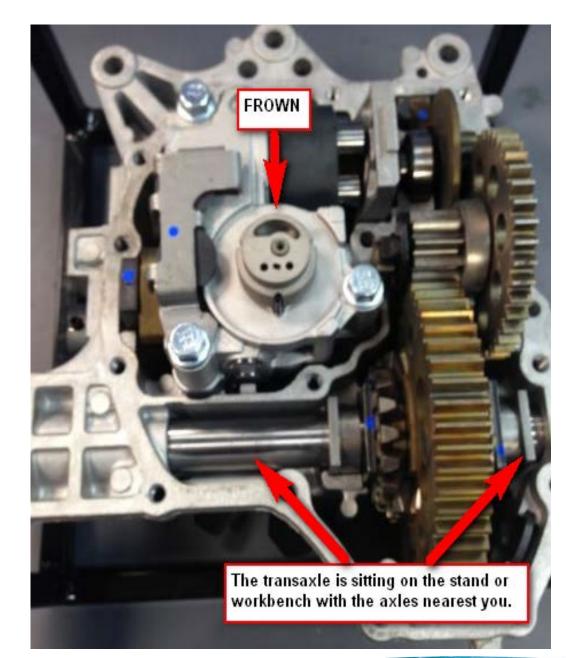
Typical view once the lower case has been removed. As you can see, the filter and spring are still in place on the charge pump.

Remove the filter and spring in order to better view the charge pump.



The charge pump should be in the "FROWN" position in order to be in the correct orientation.

Note: The axles of the transaxle should be nearest you on the repair stand or workbench in order for the "FROWN" to be facing you.



Another way to confirm this is to make sure that the kidney port of the charge pump and the kidney port of the center case are 180° opposite of each other as seen in this diagram. Note: Be sure to reinstall the filter, spring, and any other items that belong on the particular transaxle that is being inspected or repaired.

