

WELLER

100% Associate Owned

700 Series Off-Highway Ordering Questions

Power Shift Valve Body or Dual Mode?

- Dual Mode:** Has an external mounted valve body with a lever that has two arms, one going to the shift control (ie. stone bennett shifter) and another going to the stepped governor valve body. This is most commonly found in trucks that use the transmission for driving down the road and for stationary procedures such as drilling or pumping.



External Valve Body



Governor Pressure Port

Aluminum Plug



Check Valve



Standard Shaft



Splined Shaft

- Power Shift:** Has no external valve body but can be identified by what is installed in the governor pressure port (located on the bottom of the rear housing). A solid aluminum plug indicates a powershift while a check valve is for Dual mode application. Some HT700 models with a splined shift shaft may indicate a full power shift. However, all CLT models have a splined shift shaft.

Does This Application Require Reverse?

- Yes No

What Shift Shaft is Needed? (Reference above pictures)

- Standard Shaft Splined Shaft

What Bell Housing is on the Transmission? If Engine PTO, where does it mount?

- Standard Housing "Dry" Engine PTO "Wet Housing" Top Mount Side Mount

What is the Oil Pan Depth?

- 6 Inches 7 Inches 8.5 Inches 8.5 Inches w/sight gauge

What is the Engine Information Powering the Transmission?

Make / Model _____ Engine Torque _____ HorsePower _____ RPM _____

What type of Output Configuration is needed?

- Straight Through Drop Box If Drop Box, How many Outputs or Disconnects? _____

On CLT Straight Through Models; Which Output Shaft is Needed?

- Standard (18 Spline Count) Heavy Duty (20 Spline Count)

For additional assistance, please contact the Allison Sales Team at (616)724-3744 or allisoncountersales@wellertruck.com