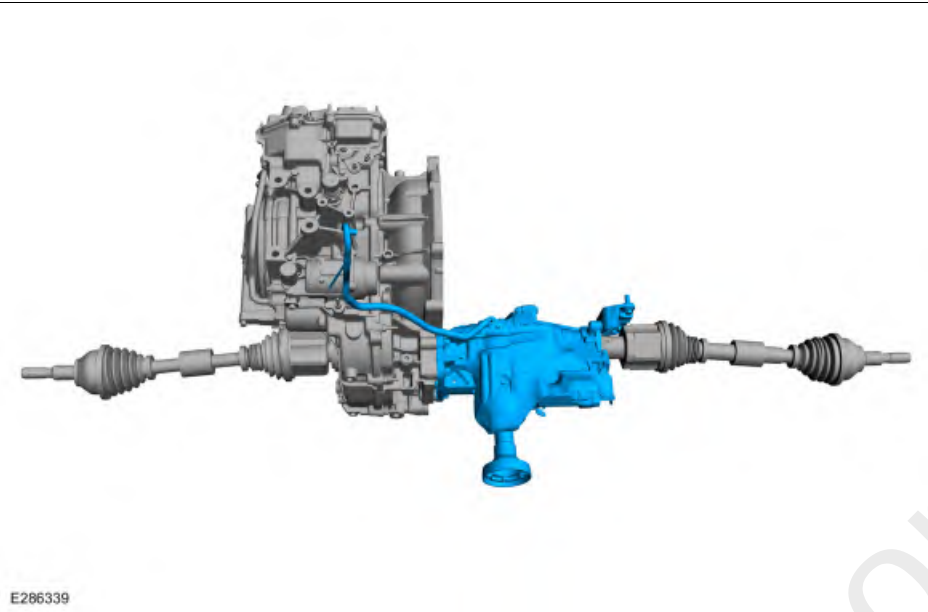


Power Transfer Unit

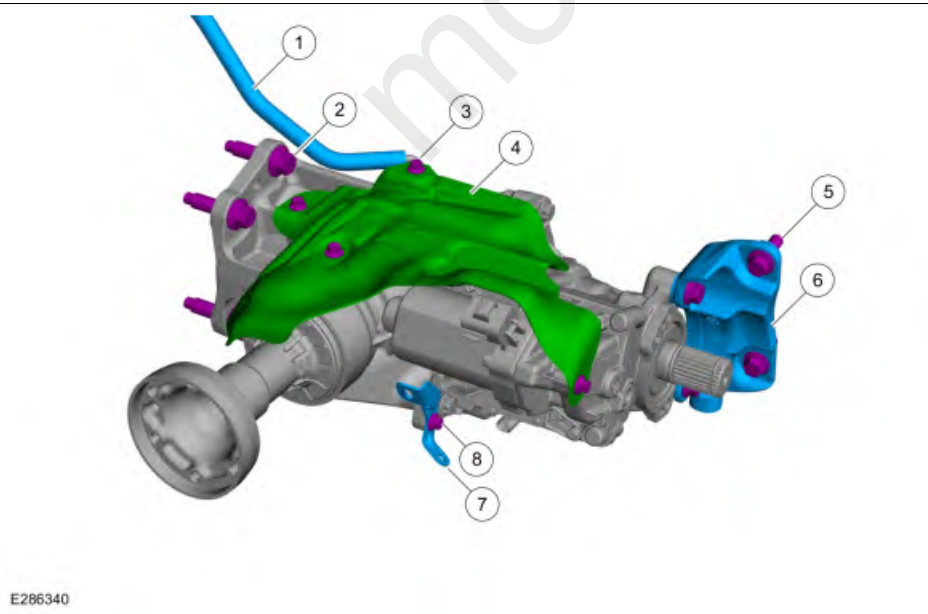
Power Transfer Unit



The Power Transfer Unit (PTU) is a gearbox that attaches to the transmission. The PTU directs power from the transmission differential case through a dog clutch to a hypoid ring gear. A hypoid pinion gear is meshed to the ring gear and splined to the output flange. A dog clutch is used to transfer drive torque from the input shaft to the ring gear. When the dog clutch is released, no torque is transferred through the ring gear and pinion to the rear driveshaft. When the dog clutch is engaged, normal AWD function is achieved by directing torque to the rear wheels as needed to prevent or control wheel slip and improve handling

There are two different models of the PTU. The low torque PTU is paired with the 8F35, 8F40, and MMT6 transmissions. The high torque PTU is paired with the 8F57 transmission. The low torque and high torque PTUs are similar in design and operation.

Power Transfer Unit (PTU) External Components



Item	Part Number	Description
1	7034	Vent tube. Unique routing for each powertrain.
2	W719766	PTU to transmission bolt for 8F35/40 & MMT6. One-time use.
2	W719765	PTU to transmission bolt for 8F57. One-time use.