

insider info.

4EAT - No Movement In Any Gear

If you encounter a 4EAT that will not move in any forward gears or reverse, and all your pressure readings are good, you may be looking at a broken reduction drive shaft. If the shaft breaks behind the reduction drive gear and may not be visible until you remove the gear. The gear is splined to the shaft and held in place with a snap ring. When the shaft breaks, the gear can be removed but the shaft will remain in the transmission.

In most cases, you can remove the broken shaft with the transmission still in the vehicle. If the shaft is too tight to get out, the transmission will have to be removed and the input shaft removed from the front of the transmission (the tapered end of the input shaft fits into the front of the reduction drive shaft). Then, using a long drift, it can be pushed out the rear of the transmission. The worst case scenario is that you will have to disassemble the transmission to remove the shaft.