

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	OBD II	CK ENG	OTHER	DEFAULT ACTION	POSSIBLE CAUSES
P0715	n2 and / or n3 Speed sensor circuits malfunction Note: This DTC will apply to the n3 speed sensor circuit only after the n2 speed sensor circuit is verified OK	Drive vehicle > 25 mph (41 km/h); 3rd or 4th gear; no shift in progress Note: If DTCs P1632 and P1720 are logged, the "service drive cycle" cannot be completed.	Y	2	@F [A, M]	When the fault is detected: - TCM adopts transmission electronic limp home mode	Transmission to TCM n2 speed sensor sense circuit: open circuit, high resistance, short circuit to high voltage or short circuit to ground Transmission to TCM speed / temperature sensors ground circuit: open circuit or short circuit to high voltage (DTC P0710 will also be flagged) Transmission internal n2 speed sensor sense circuit: open circuit, high resistance or short circuit to ground Transmission internal speed / temperature sensors ground circuit: open circuit voltage (DTC P0710 will also be flagged) n2 Speed sensor failure Transmission to TCM speed sensors supply circuit, high resistance, short circuit to ground or short circuit to B+ voltage Transmission to TCM n3 speed sensor sense circuit: open circuit, high resistance, short circuit to high voltage or short circuit to ground Transmission internal n3 speed sensor sense circuit: open circuit, high resistance or short circuit to ground n3 Speed sensor failure Transmission mechanical failure
P0730	Incorrect gear ratio	Drive vehicle so that transmission shifts through all gears; repeat several times Note: If any of the following DTCs are logged, the "service drive cycle" cannot be completed: P0705, P0706, P0715 (n2 sensor), P1720, P1796.	Y	2	@F [A, M]	When fault is detected: - TCM adopts transmission mechanical limp home mode - ECM limits engine power	Transmission oil level low Transmission mechanical / hydraulic failure