

· DIAGNOSTIC TROUBLE CODES	DEFINITIONS
458	Speed control command switch(s) stuck / circuit grounded (KOEO IVSC test)
459	Speed control ground circuit open (KOEO IVSC test)
511	PCM Read Only Memory (ROM) test failure KOEO
512	PCM Keep Alive Memory (KAM) test failure
513	PCM internal voltage failure (KOEO)
519	Power Steering Pressure (PSP) switch circuit open KOEO
521	Power Steering Pressure (PSP) switch circuit did not change states KOER
522	Vehicle not in PARK or NEUTRAL during KOEO / PNP switch circuit open
524	Low speed fuel pump circuit open—battery to PCM
525	Indicates vehicle in gear / A / C on
527	Park / Neutral Position (PNP) switch circuit open—A / C on KOEO
528	Clutch Pedal Position (CPP) switch circuit failure
529	Data Communication Link (DCL) or PCM circuit failure
532	Cluster Control Assembly (CCA) circuit failure
533	Data Communication Link (DCL) or Electronic Instrument Cluster (EIC) circuit failure
536	Brake On / Off (BOO) circuit failure / not actuated during KOER
538	Insufficient RPM change during KOER dynamic response test
538	Invalid cylinder balance test due to throttle movement during test (SFI only)
538	Invalid cylinder balance test due to CID circuit failure
539	A / C on / Defrost on during Self-Test
542	Fuel pump secondary circuit failure
543	Fuel pump secondary circuit failure
551	Idle Air Control (IAC) circuit failure KOEO
552	Secondary Air Injection Bypass (AIRB) circuit failure KOEO
553	Secondary Air Injection Diverter (AIRD) circuit failure KOEO
554	Fuel Pressure Regulator Control (FPRC) circuit failure
556	Fuel pump relay primary circuit failure
557	Low speed fuel pump primary circuit failure
558	EGR Vacuum Regulator (EVR) circuit failure KOEO
559	Air Conditioning On (ACON) relay circuit failure KOEO
563	High Fan Control (HFC) circuit failure KOEO
564	Fan Control (FC) circuit failure KOEO
565	Canister Purge (CANP) circuit failure KOEO
566	3-4 shift solenoid circuit failure KOEO (A4LD)
567	Speed Control Vent (SCVNT) circuit failure (KOEO IVSC test)
568	Speed Control Vacuum (SCVAC) circuit failure (KOEO IVSC test)
569	Auxiliary Canister Purge (CANP2) circuit failure KOEO
578	A / C pressure sensor circuit shorted (VCRM module)
579	Insufficient A / C pressure change (VCRM module)
581	Power to Fan circuit over current (VCRM module)
582	Fan circuit open (VCRM module)
583	Power to Fuel pump over current (VCRM module)
584	Power ground circuit open (Pin 1) (VCRM module)