

Igniter

Co006-01

Igniter Monitor Description

MONITOR SUMMARY

Using the ignition (IGt) signal, the engine control module (ECM) turns on and off the power transistor inside the igniter and switches on and off the current to the primary igniter coil. When the current flow to the primary coil is cut off, high-voltage is generated in the secondary coil and this voltage is applied to the spark plugs to spark inside the cylinders. As the ECM cuts the current to the primary coil, the igniter sends back the ignition confirmation (IGf) signal for each cylinder ignition to the ECM.

If the ECM does not receive the ignition confirmation signal (IGf) after sending the ignition signal (IGt) it interprets this as a fault in the igniter and sets a DTC.

RELATED DTC

Previous code:

Related DTCs	P1300 (Cylinder No. 1)	IGf signal does not return from ignitor
	P1305 (Cylinder No. 2)	
	P1310 (Cylinder No. 3)	
	P1315 (Cylinder No. 4)	
	P1320 (Cylinder No. 5)	
	P1325 (Cylinder No. 6)	
	P1330 (Cylinder No. 7)	
	P1340 (Cylinder No. 8)	

Extended code:

Related DTCs	P0351 (Cylinder No. 1)	IGf signal does not return from ignitor
	P0352 (Cylinder No. 2)	
	P0353 (Cylinder No. 3)	
	P0354 (Cylinder No. 4)	
	P0355 (Cylinder No. 5)	
	P0356 (Cylinder No. 6)	
	P0357 (Cylinder No. 7)	
	P0358 (Cylinder No. 8)	

MODEL YEAR CHART

Model Year	See Page
1996 to 2004	Co-5