

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P161A - INCORRECT RESPONSE FROM IMMOBILIZER CONTROL MODULE - DTC CHART

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Description:			
Possible Causes:			
Diagnostic Aids: Refer to the service information , Electronic Engine Controls.			
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All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P162F - STARTER MOTOR DISABLED - ENGINE CRANK TIME TOO LONG - DTC CHART

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Description: This DTC sets when there has been at least 60 seconds of total accumulated cranking time without sufficient time allowed between crank attempts for the starter to cool down.			
Possible Causes: • Repeated excessive attempts to start the engine • Vehicle is low on fuel • Battery or starter motor concerns			
Diagnostic Aids: This DTC may be accompanied by other DTCs. Diagnose all other DTCs first. Clear the DTCs and repeat the self-test. If the DTC is retrieved again, check for the cause of the excessive crank time.			
Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P1633 - KEEP ALIVE POWER (KAPWR) VOLTAGE TOO LOW - DTC CHART

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