

All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.
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DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P1709 - PARK/NEUTRAL POSITION (PNP) SWITCH OUT OF SELF-TEST RANGE - DTC CHART

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Description:			
Possible Causes:			
Diagnostic Aids: Refer to the service information , Electronic Engine Controls.			
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 > P1780 - TRANSMISSION CONTROL SWITCH (TCS) OUT OF SELF-TEST RANGE - DTC CHART

P1780 - TRANSMISSION CONTROL SWITCH (TCS) OUT OF SELF-TEST RANGE - DTC CHART

Description:			
Possible Causes:			
Diagnostic Aids: Refer to the service information , Electronic Engine Controls.			
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 > P1793 - IGNITION SUPPLY MALFUNCTION - DTC CHART

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Description: The ignition switch position run (ISP-R) circuit is monitored for low and high voltage conditions. This DTC sets when the voltage is less than 7 volts or greater than 16 volts.	
Possible Causes:	
• ISP-R circuit short to voltage • ISP-R circuit short to ground • Battery or charging system concern	