

GENERAL DIAGNOSTIC TABLE

MANUAL TRANSMISSION AND DIFFERENTIAL (DIAGNOSTICS)

12. General Diagnostic Table

A: INSPECTION

Symptom	Abnormal units/parts
Tight cornering condition	<ul style="list-style-type: none">• ABSCM&H/U• ABS wheel speed sensor• Accelerator position sensor• ECM• Center differential• Center differential control dial• Manual mode switch• Tire/Wheel• Driver's control center differential control module
Tendency to oversteer	<ul style="list-style-type: none">• Accelerator position sensor• ECM• Center differential control dial• Manual mode switch• Tire/Wheel• Driver's control center differential control module• Center differential• Driver's control center differential relay• Rear differential oil temperature switch
Tendency to understeer at high speed cornering	<ul style="list-style-type: none">• Lateral G sensor• Center differential
No change in the center differential torque character	<ul style="list-style-type: none">• Center differential control dial• Driver's control center differential relay• Center differential• Driver's control center differential control module
Driver's control center differential indicator does not operate	<ul style="list-style-type: none">• Combination meter• Driver's control center differential control module
Driver's control center differential indicator does not operate though setting the center differential control dial	<ul style="list-style-type: none">• Center differential control dial• Combination meter• Driver's control center differential control module
No change to AUTO or MANUAL	<ul style="list-style-type: none">• Manual mode switch• Combination meter• Driver's control center differential control module
AUTO indicator light does not illuminate	<ul style="list-style-type: none">• Manual mode switch• Combination meter• Driver's control center differential control module
Differential does not become free, or stays free	<ul style="list-style-type: none">• Parking brake switch• Center differential• Manual mode switch• Center differential control dial• Rear differential• Tire/Wheel• Driver's control center differential relay• Rear differential oil temperature switch• Driver's control center differential control module

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MANUAL TRANSMISSION AND DIFFERENTIAL (DIAGNOSTICS)

Symptom	Abnormal units/parts
Wheel lock at ABS operation	<ul style="list-style-type: none">• ABSCM&H/U• Stop light switch• Driver's control center differential control module
Differential does not become lock, or stays lock	<ul style="list-style-type: none">• ABSCM&H/U• ABS wheel speed sensor• Accelerator position sensor• ECM• Center differential• Center differential control dial• Manual mode switch• Tire/Wheel• Driver's control center differential control module• Driver's control center differential relay