

## 9. General Diagnostic Table

### A: INSPECTION

#### NOTE:

Vibration while cruising may be caused by an unbalanced tire, improper tire inflation pressure, improper wheel alignment, etc.

Symptoms	Possible cause	Corrective action
<b>Noise or vibration from propeller shaft</b>	<ul style="list-style-type: none"> <li>• Center bearing</li> <li>• Runout of propeller shaft</li> <li>• Loose or gap at connections</li> </ul>	Inspect the propeller shaft. <Ref. to DS-12, INSPECTION, Propeller Shaft.>
<b>Abnormal wheel vibration</b>	Wheel is out of balance.	Check the wheel balance. <Ref. to WT-6, WHEEL BALANCING, INSPECTION, Tire and Wheel.>
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-7, INSPECTION, Wheel Alignment.>
	Rear wheel alignment	Check the rear wheel alignment. <Ref. to RS-8, INSPECTION, Wheel Alignment.>
	Front strut	Check the front strut. <Ref. to FS-44, INSPECTION, Front Strut.>
	Rear shock absorber	Check the rear shock absorber. <Ref. to RS-34, INSPECTION, Rear Shock Absorber.>
	Front axle shaft	Check the front axle shaft. <Ref. to DS-60, INSPECTION, Front Drive Shaft.>
	Rear axle shaft	Check the rear axle shaft. <Ref. to DS-74, INSPECTION, Rear Drive Shaft.>
	Hub unit COMPL - front axle	Check the hub unit COMPL - front axle. <Ref. to DS-31, INSPECTION, Front Hub Unit Bearing.>
<b>Noise from the underbody</b>	Hub unit COMPL - rear axle	Check the hub unit COMPL - rear axle. <Ref. to DS-50, INSPECTION, Rear Hub Unit Bearing.>
	Wheel is out of balance.	Check the wheel balance. <Ref. to WT-6, WHEEL BALANCING, INSPECTION, Tire and Wheel.>
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-7, INSPECTION, Wheel Alignment.>
	Rear wheel alignment	Check the rear wheel alignment. <Ref. to RS-8, INSPECTION, Wheel Alignment.>
	Front strut	Check the front strut. <Ref. to FS-44, INSPECTION, Front Strut.>
	Rear shock absorber	Check the rear shock absorber. <Ref. to RS-34, INSPECTION, Rear Shock Absorber.>

## General Diagnostic Table

DRIVE SHAFT SYSTEM

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# VEHICLE DYNAMICS CONTROL (VDC)

# VDC

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