

## 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-5, WHEEL BALANCING, INSPECTION, Tire and Wheel.>
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-9, 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-43, INSPECTION, Front Strut.>
	Rear shock absorber	Check the rear shock absorber. <Ref. to RS-21, INSPECTION, Rear Shock Absorber.>
	Front drive shaft	Check the front drive shaft. <Ref. to DS-55, INSPECTION, Front Drive Shaft.>
	Rear drive shaft	Check the rear drive shaft. <Ref. to DS-64, INSPECTION, Rear Drive Shaft.>
	Front hub unit bearing	Check the front hub unit bearing. <Ref. to DS-29, INSPECTION, Front Hub Unit Bearing.>
	Rear hub unit bearing	Check the rear hub unit bearing. <Ref. to DS-46, INSPECTION, Rear Hub Unit Bearing.>
<b>Noise from the underbody</b>	Wheel is out of balance.	Check the wheel balance. <Ref. to WT-5, WHEEL BALANCING, INSPECTION, Tire and Wheel.>
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-9, 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-43, INSPECTION, Front Strut.>
	Rear shock absorber	Check the rear shock absorber. <Ref. to RS-21, INSPECTION, Rear Shock Absorber.>

General Diagnostic Table

DRIVE SHAFT SYSTEM

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# VEHICLE DYNAMICS CONTROL (VDC)

# VDC

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	Page
1. General Description .....	2
2. Relay and Fuse .....	7
3. Vehicle Dynamics Control System .....	8
4. VDC Control Module and Hydraulic Control Unit (VDCCM&H/U) .....	9
5. ABS Sequence Control .....	16
6. VDC Sequence Control .....	19
7. Yaw Rate and G Sensor .....	22
8. Steering Angle Sensor .....	23
9. Front ABS Wheel Speed Sensor .....	27
10. Rear ABS Wheel Speed Sensor .....	29
11. Front Magnetic Encoder .....	31
12. Rear Magnetic Encoder .....	32
13. VDC OFF Switch .....	33