

General Diagnostic Table

WHEEL AND TIRE SYSTEM

5. General Diagnostic Table

A: INSPECTION

Symptoms	Possible cause	Corrective action
Wheel is out of balance.	Improperly inflated tire.	Adjust the tire pressure.
	Uneven wear	Check the tire referring to "Abnormal tire wear" in this table, carry out the procedure and replace the tire.
	Front wheel alignment	Check or adjust the front wheel alignment. <ul style="list-style-type: none"> • Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.> • Adjustment: <Ref. to FS-11, ADJUSTMENT, Wheel Alignment.>
	Rear wheel alignment	Check or adjust the rear wheel alignment. <ul style="list-style-type: none"> • Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.> • Adjustment: <Ref. to FS-11, ADJUSTMENT, Wheel Alignment.>
	Front strut	Check the front strut. <Ref. to FS-45, INSPECTION, Front Strut.>
	Rear shock absorber	Check the rear shock absorber. <Ref. to RS-31, INSPECTION, Rear Shock Absorber.>
	Housing ASSY - front axle	Check the housing assembly - front axle. <Ref. to DS-35, INSPECTION, Front Hub Unit Bearing.>
	Hub unit COMPL - front axle	Check the hub unit COMPL - front axle. <Ref. to DS-35, INSPECTION, Front Hub Unit Bearing.>
	Hub unit COMPL - rear axle	Check the hub unit COMPL - rear axle. <Ref. to DS-56, INSPECTION, Rear Hub Unit Bearing.>
Vehicle is abnormally out of balance.	Improperly inflated tire.	Adjust the tire pressure.
	Uneven wear	Check the tire referring to "Abnormal tire wear" in this table, carry out the procedure and replace the tire.
	Front stabilizer	Inspect the front stabilizer.
	Front wheel alignment	Check or adjust the front wheel alignment. <ul style="list-style-type: none"> • Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.> • Adjustment: <Ref. to FS-11, ADJUSTMENT, Wheel Alignment.>
	Rear wheel alignment	Check or adjust the rear wheel alignment. <ul style="list-style-type: none"> • Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.> • Adjustment: <Ref. to FS-11, ADJUSTMENT, Wheel Alignment.>
	Abnormal wheel vibration	Adjust the tire pressure.
Abnormal wheel vibration	Uneven wear	Check the tire referring to "Abnormal tire wear" in this table, carry out the procedure and replace the tire.
	Improper wheel balancing	Check the wheel balance. <Ref. to WT-7, WHEEL BALANCING, INSPECTION, Tire and Wheel.>
	Housing ASSY - front axle	Check the housing assembly - front axle. <Ref. to DS-35, INSPECTION, Front Hub Unit Bearing.>
	Hub unit COMPL - front axle	Check the hub unit COMPL - front axle. <Ref. to DS-35, INSPECTION, Front Hub Unit Bearing.>
	Hub unit COMPL - rear axle	Check the hub unit COMPL - rear axle. <Ref. to DS-56, INSPECTION, Rear Hub Unit Bearing.>
	Abnormal tire wear	Adjust the tire pressure.
Abnormal tire wear	Improper wheel balancing	Check the wheel balance. <Ref. to WT-7, WHEEL BALANCING, INSPECTION, Tire and Wheel.>
	Front wheel alignment	Check or adjust the front wheel alignment. <ul style="list-style-type: none"> • Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.> • Adjustment: <Ref. to FS-11, ADJUSTMENT, Wheel Alignment.>
	Rear wheel alignment	Check or adjust the rear wheel alignment. <ul style="list-style-type: none"> • Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.> • Adjustment: <Ref. to FS-11, ADJUSTMENT, Wheel Alignment.>

TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

TPM(diag)

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