

General Diagnostic Table

WHEEL AND TIRE SYSTEM

9. 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 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-23, INSPECTION, Front Strut.> |
| | Rear shock absorber | Check the rear shock absorber. <Ref. to RS-14, INSPECTION, Rear Shock Absorber.> |
| | Front axle | Check the front axle. <Ref. to DS-16, INSPECTION, Front Axle.> |
| | Front hub unit bearing | Check the front hub unit bearing. <Ref. to DS-18, INSPECTION, Front Hub Unit Bearing.> |
| | Rear hub unit bearing | Check the rear hub unit bearing. <Ref. to DS-25, 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. <Ref. to FS-15, INSPECTION, Front Stabilizer.> |
| | 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.> |
| Abnormal wheel vibration | 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. |
| | Improper wheel balancing | Check the wheel balance. <Ref. to WT-8, ADJUSTMENT, Wheel Balancing.> |
| | Front axle | Check the front axle. <Ref. to DS-16, INSPECTION, Front Axle.> |
| | Front hub unit bearing | Check the front hub unit bearing. <Ref. to DS-18, INSPECTION, Front Hub Unit Bearing.> |
| | Rear hub unit bearing | Check the rear hub unit bearing. <Ref. to DS-25, INSPECTION, Rear Hub Unit Bearing.> |
| Abnormal tire wear | Improperly inflated tire. | Adjust the tire pressure. |
| | Improper wheel balancing | Check the wheel balance. <Ref. to WT-8, ADJUSTMENT, Wheel Balancing.> |
| | 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.> |

TIRE PRESSURE MONITORING SYSTEM (DIAGNOSTICS)

TPM(diag)

| | Page |
|-------------------------------------------------------------------------------|------|
| 1. Basic Diagnostic Procedure | 2 |
| 2. General Description | 3 |
| 3. Electrical Component Location | 5 |
| 4. Control Module I/O Signal | 6 |
| 5. Subaru Select Monitor | 8 |
| 6. Read Diagnostic Trouble Code (DTC) | 16 |
| 7. Inspection Mode | 17 |
| 8. Clear Memory Mode | 18 |
| 9. Tire Pressure Warning Light / Trouble Indicator Light Illumination Pattern | 19 |
| 10. List of Diagnostic Trouble Code (DTC) | 26 |
| 11. Diagnostic Procedure with Diagnostic Trouble Code (DTC) | 28 |
| 12. General Diagnostic Table | 38 |