

# Maintenance and Lubrication

## Precautions

### Precautions for Maintenance and Lubrication

S7V10A0200001

#### Air Bag Warning

Refer to “Air Bag Warning in Section 00”.

## Scheduled Maintenance

### Maintenance Schedule under Normal Driving Conditions (Petrol Model)

S7V10A0205001

#### NOTE

- This interval should be judged by odometer reading or months, whichever comes first.
- This table includes service as scheduled up to 90,000 km (54,000 miles) mileage. Beyond 90,000 km (54,000 miles), carry out the same services at the same intervals respectively.

| Interval   |                            | Km (x 1,000)   | 15   | 30 | 45 | 60 | 75 | 90 |
|--|----------------------------|--|--|----|----|----|----|----|
|  |                            | Miles (x 1,000)  | 9  | 18 | 27 | 36 | 45 | 54 |
|  |                            | Months   | 12   | 24 | 36 | 48 | 60 | 72 |
| Engine   |                            |  |  |    |    |    |    |    |
| Engine accessory drive belt (I: ⚙, R: ⚙)                               |                            |  | —  | —  | I  | —  | —  | R  |
| Valve lash (clearance) (I: ⚙)  |                            |  | —  | I  | —  | I  | —  | I  |
| Engine oil and oil filter (R: ⚙)                                       |                            |  | R  | R  | R  | R  | R  | R  |
| Engine coolant (R: ⚙)  |                            |  | —  | —  | R  | —  | —  | R  |
| Exhaust system (I: ⚙)  |                            |  | —  | I  | —  | I  | —  | I  |
| Ignition system  |                            |  |  |    |    |    |    |    |
| Spark plugs (R: ⚙)   | When unleaded fuel is used | Iridium spark Plug   | Replace every 105,000 km (63,000 miles) or 84 months                               |    |    |    |    |    |
|  | When leaded fuel is used   | Refer to “Maintenance Recommended under Severe Driving Conditions (Petrol Model)”. |  |    |    |    |    |    |
| Fuel system  |                            |  |  |    |    |    |    |    |
| Air cleaner filter (R: ⚙, I: ⚙)  | Paved-road                 |  | I  | I  | R  | I  | I  | R  |
|  | Dusty conditions           |  | Refer to “Maintenance Recommended under Severe Driving Conditions (Petrol Model)”. |    |    |    |    |    |
| Fuel lines and connections (I: ⚙)                                      |                            |  | —  | I  | —  | I  | —  | I  |
| Fuel tank (I: ⚙)   |                            |  | —  | —  | I  | —  | —  | I  |
| Emission control system  |                            |  |  |    |    |    |    |    |
| PCV valve (I: ⚙)   |                            |  | —  | —  | —  | —  | —  | I  |
| Fuel evaporative emission control system (I: ⚙)                        |                            |  | —  | —  | —  | —  | —  | I  |
| Brake  |                            |  |  |    |    |    |    |    |
| Brake discs and pads (thickness, wear, damage) (I: ⚙)                  |                            |  | I  | I  | I  | I  | I  | I  |
| Brake drums and shoes (wear, damage) (I: ⚙)                            |                            |  | —  | I  | —  | I  | —  | I  |
| Brake hoses and pipes (leakage, damage, clamp) (I: ⚙)                  |                            |  | —  | I  | —  | I  | —  | I  |
| Brake fluid (R: ⚙)   |                            |  | —  | R  | —  | R  | —  | R  |
| Brake lever and cable (damage, stroke, operation) (I: ⚙)               |                            |  | Inspect at first 15,000 km (9,000 miles only)                                      |    |    |    |    |    |
| Chassis and body   |                            |  |  |    |    |    |    |    |
| Clutch (fluid leakage, level) (I: ⚙)                                   |                            |  | —  | I  | —  | I  | —  | I  |
| Tires (wear, damage, rotation) / wheels (damage) (I: ⚙ / ⚙)            |                            |  | I  | I  | I  | I  | I  | I  |
| Suspension system (tightness, damage, rattle, breakage) (I: ⚙)         |                            |  | —  | I  | —  | I  | —  | I  |
| Steering system (tightness, damage, breakage, rattle) (I: ⚙)           |                            |  | —  | I  | —  | I  | —  | I  |
| Drive shaft (axle) boots (I: ⚙)  |                            |  | —  | —  | I  | —  | —  | I  |
| Manual transaxle oil (leakage, level) (I: ⚙ 1st 15,000 km only) (R: ⚙) |                            |  | I  | —  | R  | —  | —  | R  |

| Interval                                    | Km (x 1,000)        | 15                                      | 30 | 45 | 60 | 75 | 90 |
|---|---------------------|---|----|----|----|----|----|
|   | Miles (x 1,000)     | 9                                       | 18 | 27 | 36 | 45 | 54 |
|   | Months              | 12                                      | 24 | 36 | 48 | 60 | 72 |
| Automatic transaxle fluid                   | Fluid level (I: ⚙)  | —                                       | I  | —  | I  | —  | I  |
|   | Fluid change (R: ⚙) | Replace every 165,000 km (99,000 miles) |    |    |    |    |    |
|   | Fluid hose (I: ⚙)   | —                                       | —  | —  | I  | —  | —  |
| All latches, hinges and locks (I: ⚙)        |                     | —                                       | I  | —  | I  | —  | I  |
| HVAC air filter (if equipped) (I: ⚙) (R: ⚙) |                     | —                                       | I  | R  | —  | I  | R  |

**NOTE**

- “R”: Replace or change
- “I”: Inspect and correct, replace or lubricate if necessary
- For spark plugs, replace every 50,000 km if the local law requires.
- Iridium spark plug: ZXU20PR11 (DENSO) or IKR6G11 (NGK)

**Maintenance Schedule under Normal Driving Conditions (Diesel Model)**

S7V10A0205002

**NOTE**

- This interval should be judged by odometer reading or months, whichever comes first.
- This table includes service as scheduled up to 90,000 km (54,000 miles) mileage. Beyond 90,000 km (54,000 miles), carry out the same services at the same intervals respectively.

| Interval   | Km (x 1,000)                 | 15   | 30 | 45 | 60 | 75 | 90 |
|--|------------------------------|--|----|----|----|----|----|
|  | Miles (x 1,000)              | 9  | 18 | 27 | 36 | 45 | 54 |
|  | Months                       | 12   | 24 | 36 | 48 | 60 | 72 |
| <b>Engine</b>  |                              |  |    |    |    |    |    |
| Engine accessory drive belt and tensioner (I: ⚙)                       |                              | —  | I  | —  | I  | —  | I  |
| Engine accessory drive belt (R: ⚙)                                     |                              | Replace every 150,000 km (90,000 miles) or 120 months.                             |    |    |    |    |    |
| Engine oil and oil filter (R: ⚙)                                       | without DPF® (Synthetic oil) | R  | R  | R  | R  | R  | R  |
|  | with DPF® (Synthetic oil)    | Replace when oil pressure warning light blinks or every 12 months.                 |    |    |    |    |    |
| Engine coolant (R: ⚙)  |                              | —  | —  | R  | —  | —  | R  |
| Exhaust system (I: ⚙)  |                              | —  | I  | —  | I  | —  | I  |
| <b>Fuel system</b>   |                              |  |    |    |    |    |    |
| Air cleaner filter (R: ⚙)  | Paved-road                   | —  | —  | R  | —  | —  | R  |
|  | Dusty condition              | Refer to “Maintenance Recommended under Severe Driving Conditions (Diesel Model)”. |    |    |    |    |    |
| Fuel lines and connections (I: ⚙)                                      |                              | —  | I  | —  | I  | —  | I  |
| Fuel filter (R: ⚙, Drain: ⚙)   |                              | —  | R  | —  | R  | —  | R  |
|  |                              | Drain water every 15,000 km (9,000 miles) or 12 months.                            |    |    |    |    |    |
| Fuel tank (I: ⚙)   |                              | —  | —  | I  | —  | —  | I  |
| <b>Brake</b>   |                              |  |    |    |    |    |    |
| Brake discs and pads (thickness, wear, damage) (I: ⚙)                  |                              | I  | I  | I  | I  | I  | I  |
| Brake drums and shoes (wear, damage) (I: ⚙)                            |                              | —  | I  | —  | I  | —  | I  |
| Brake hoses and pipes (leakage, damage, clamp) (I: ⚙)                  |                              | —  | I  | —  | I  | —  | I  |
| Brake fluid (R: ⚙)   |                              | —  | R  | —  | R  | —  | R  |
| Brake lever and cable (damage, stroke, operation) (I: ⚙)               |                              | Inspect at first 15,000 km (9,000 miles only)                                      |    |    |    |    |    |
| <b>Chassis and body</b>  |                              |  |    |    |    |    |    |
| Clutch (fluid leakage, level) (I: ⚙)                                   |                              | —  | I  | —  | I  | —  | I  |
| Tires (wear, damage, rotation) / wheels (damage) (I: ⚙/ ⚙)             |                              | I  | I  | I  | I  | I  | I  |
| Suspension system (tightness, damage, rattle, breakage) (I: ⚙)         |                              | —  | I  | —  | I  | —  | I  |
| Steering system (tightness, damage, breakage, rattle) (I: ⚙)           |                              | —  | I  | —  | I  | —  | I  |
| Manual transaxle oil (leakage, level) (I: ⚙ 1st 15,000 km only) (R: ⚙) |                              | I  | —  | R  | —  | —  | R  |