

Check List for Interview

POWER ASSISTED SYSTEM (POWER STEERING) (DIAGNOSTICS)

2. Check List for Interview

A: CHECK

Check the following items regarding condition of the vehicle.

1. TROUBLE STATUS

| | |
|-----------------------------------|---|
| Phenomenon of the vehicle | <input type="checkbox"/> Steering is heavy <input type="checkbox"/> Steering is not smooth <input type="checkbox"/> Steering is unstable (wondering) <input type="checkbox"/> Steering does not return to center <input type="checkbox"/> Steering is not straight <input type="checkbox"/> Steering force required is not the same for right and left turn <input type="checkbox"/> Steering force required is not even <input type="checkbox"/> Steering is too light <input type="checkbox"/> Noise <input type="checkbox"/> Vibration <input type="checkbox"/> STEERING warning light illuminates <input type="checkbox"/> Other |
| Frequency | <input type="checkbox"/> Always <input type="checkbox"/> Sometimes <input type="checkbox"/> Immediately after starting the engine <input type="checkbox"/> Only once <input type="checkbox"/> Other <input type="checkbox"/> Recovers after leaving it for minutes |
| Steering wheel operation | <input type="checkbox"/> Dry steering <input type="checkbox"/> When turning <input type="checkbox"/> Quick steering <input type="checkbox"/> Slow steering <input type="checkbox"/> Returning the steering wheel <input type="checkbox"/> Releasing the steering wheel <input type="checkbox"/> Only supporting the steering wheel by hand <input type="checkbox"/> Repetitive dry steering |
| Steering wheel status / direction | <input type="checkbox"/> Around center position <input type="checkbox"/> Near end of lock to lock <input type="checkbox"/> When turning the steering to right <input type="checkbox"/> When turning the steering to left <input type="checkbox"/> Both to right and to left <input type="checkbox"/> (1) Steering angle: degrees <input type="checkbox"/> (2) Maneuvering time: minutes <input type="checkbox"/> Slow steering <input type="checkbox"/> Quick steering <input type="checkbox"/> While holding the steering <input type="checkbox"/> When repeating the dry wheel operation |
| Vehicle speed | <input type="checkbox"/> Stall 0 km/h (0 MPH) <input type="checkbox"/> Very low speed — 20 km/h (— 12 MPH) <input type="checkbox"/> Low speed — 40 km/h (— 25 MPH) <input type="checkbox"/> Medium speed — 80 km/h (— 50 MPH) <input type="checkbox"/> High speed — 80 km/h or more (— 50 MPH or more) <input type="checkbox"/> At starting <input type="checkbox"/> While accelerating <input type="checkbox"/> While decelerating <input type="checkbox"/> When accelerating rapidly <input type="checkbox"/> When decelerating rapidly <input type="checkbox"/> Other |
| Engine speed | <input type="checkbox"/> Idling <input type="checkbox"/> (1) Around rpm <input type="checkbox"/> (2) rpm — rpm <input type="checkbox"/> (3) rpm or more / or less |

Check List for Interview

POWER ASSISTED SYSTEM (POWER STEERING) (DIAGNOSTICS)

2. STATE OF STEERING WARNING LIGHT

| | |
|------------------------------------|---|
| STEERING warning light illuminates | <input type="checkbox"/> Always <input type="checkbox"/> Sometimes <input type="checkbox"/> Only once <input type="checkbox"/> Does not illuminate <input type="checkbox"/> Other |
| Ignition key position | <input type="checkbox"/> LOCK <input type="checkbox"/> ACC <input type="checkbox"/> ON (when starting engine) <input type="checkbox"/> START <input type="checkbox"/> ON (when starting engine, while engine is running) <input type="checkbox"/> ON (when starting engine, when engine is at a standstill) |
| Timing | <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <input type="checkbox"/> Immediately after turning the ignition ON <input type="checkbox"/> Immediately after turning the ignition to START </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <input type="checkbox"/> Idling <input type="checkbox"/> While accelerating <input type="checkbox"/> While decelerating <input type="checkbox"/> When cruising at — km/h (MPH) </div> <div> <input type="checkbox"/> When other electrical parts are operating (parts name: operating condition:) </div> |

Check List for Interview

POWER ASSISTED SYSTEM (POWER STEERING) (DIAGNOSTICS)

3. ENVIRONMENT

| | | | | | | | | |
|--------------------------------------|---|---------|-----------|---------|----------|---------|----------|---------|
| a) Weather | <input type="checkbox"/> Fine <input type="checkbox"/> Cloudy <input type="checkbox"/> Rainy <input type="checkbox"/> Snowy <input type="checkbox"/> Others: | | | | | | | |
| b) Outside temperature | <input type="checkbox"/> °C (°F) | | | | | | | |
| c) Road | <input type="checkbox"/> Inner city <input type="checkbox"/> Suburbs <input type="checkbox"/> Highway <input type="checkbox"/> Local street <input type="checkbox"/> Alley way <input type="checkbox"/> Private road <input type="checkbox"/> Parking lot <input type="checkbox"/> Mountain road <input type="checkbox"/> Paved road <input type="checkbox"/> Unpaved road <input type="checkbox"/> Gravel road <input type="checkbox"/> Sandy place <input type="checkbox"/> Muddy road <input type="checkbox"/> Concrete road <input type="checkbox"/> Stone pavement <input type="checkbox"/> Racetrack <input type="checkbox"/> Others: | | | | | | | |
| d) Road surface | <input type="checkbox"/> Dry <input type="checkbox"/> Wet <input type="checkbox"/> Covered with fresh snow <input type="checkbox"/> Covered with hardened snow <input type="checkbox"/> Others: | | | | | | | |
| e) Tire | <input type="checkbox"/> Tire chain <input type="checkbox"/> Studless tire <input type="checkbox"/> T-type tire (front RH, front LH, rear RH, rear LH) | | | | | | | |
| f) Tire inflation pressure | Front RH: | kPa | Front LH: | kPa | Rear RH: | kPa | Rear LH: | kPa |
| g) Degree of wear | Front RH: | mm (in) | Front LH: | mm (in) | Rear RH: | mm (in) | Rear LH: | mm (in) |
| h) Genuine part | <input type="checkbox"/> Yes <input type="checkbox"/> No Record after-market parts if any. (Steering wheel, audio, tires, and similar parts) | | | | | | | |
| i) Condition of suspension alignment | | | | | | | | |
| j) Electrical load conditions | <input type="checkbox"/> Audio <input type="checkbox"/> Air conditioner <input type="checkbox"/> Other | | | | | | | |
| k) Loaded state | Condition: | | | | | | | |
| l) Repair parts | <input type="checkbox"/> None <input type="checkbox"/> Provided Contents: | | | | | | | |
| m) Others | | | | | | | | |