

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

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2. STATE OF STEERING WARNING LIGHT

STEERING warning light illuminates	☐ Always ☐ Sometimes ☐ Only once ☐ Does not illuminate ☐ Other
Ignition key position	☐ LOCK ☐ ACC ☐ ON (when starting engine) ☐ START ☐ ON (when starting engine, while engine is running) ☐ ON (when starting engine, when engine is at a standstill)
Timing	☐ Immediately after turning the ignition ON ☐ Immediately after turning the ignition to START ☐ Idling ☐ While accelerating ☐ While decelerating ☐ When cruising at _____ km/h (MPH) ☐ When other electrical parts are operating (parts name: _____ operating condition: _____)

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3. ENVIRONMENT

a) Weather	☐ Fine ☐ Cloudy ☐ Rainy ☐ Snowy ☐ Others:							
b) Outside temperature	☐ °C (°F)							
c) Road	☐ Inner city ☐ Suburbs ☐ Highway ☐ Local street ☐ Alley way ☐ Private road ☐ Parking lot ☐ Mountain road ☐ Paved road ☐ Unpaved road ☐ Gravel road ☐ Sandy place ☐ Muddy road ☐ Concrete road ☐ Stone pavement ☐ Racetrack ☐ Others:							
d) Road surface	☐ Dry ☐ Wet ☐ Covered with fresh snow ☐ Covered with hardened snow ☐ Others:							
e) Tire	☐ Tire chain ☐ Studless tire ☐ 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	☐ Yes ☐ No Record after-market parts if any. (Steering wheel, audio, tires, and similar parts)							
i) Condition of suspension alignment								
j) Electrical load conditions	☐ Audio ☐ Air conditioner ☐ Other							
k) Loaded state	Condition:							
l) Repair parts	☐ None ☐ Provided Contents:							
m) Others								