

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

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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	<input type="checkbox"/> Immediately after turning the ignition ON <input type="checkbox"/> Immediately after turning the ignition to START <input type="checkbox"/> Idling <input type="checkbox"/> While accelerating <input type="checkbox"/> While decelerating <input type="checkbox"/> When cruising at — km/h (MPH) <input type="checkbox"/> When other electrical parts are operating (parts name: _____ operating condition: _____)

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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	