

Check List for Interview

ABS (DIAGNOSTICS)

2. Check List for Interview

A: CHECK

Check the following items regarding condition of the vehicle.

1. STATE OF ABS WARNING LIGHT

ABS warning light comes on.	☐ Always ☐ Sometimes ☐ Only once ☐ Does not come on • When and for how long does it come on?		
Ignition key position	☐ LOCK ☐ ACC ☐ ON (Before starting engine) ☐ START ☐ ON (After starting engine, while engine is running) ☐ ON (After starting engine, engine is stopped)		
Timing	☐ Immediately after turning the ignition ON. ☐ Immediately after turning the ignition to START.		
	☐ When accelerating	—	km/h
		—	MPH
	☐ While driving at a constant speed	km/h	MPH
	☐ When decelerating	—	km/h
		—	MPH
	☐ When turning to the right	Steering angle:	deg
		Steering time:	Sec.
	☐ When turning to the left	Steering angle:	deg
		Steering time:	Sec.
	☐ When other electrical parts are operating		
	• Parts name:		
	• Operating condition:		

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2. STATE OF BRAKE WARNING LIGHT

Brake warning light comes on.	☐ Always ☐ Sometimes ☐ Only once ☐ Does not come on ☐ When pulling the parking brake lever. ☐ When releasing the parking brake lever. ☐ When and for how long does it come on?		
Ignition key position	☐ LOCK ☐ ACC ☐ ON (Before starting engine) ☐ START ☐ ON (After starting engine, while engine is running) ☐ ON (After starting engine, engine is stopped)		
Timing	☐ Immediately after turning the ignition ON. ☐ Immediately after turning the ignition to START.		
	☐ When accelerating	— km/h	
		— MPH	
	☐ While driving at a constant speed	km/h	MPH
	☐ When decelerating	— km/h	
		— MPH	
	☐ When turning to the right	Steering angle:	deg
		Steering time:	Sec.
	☐ When turning to the left	Steering angle:	deg
		Steering time:	Sec.
	☐ When other electrical parts are operating		
	• Parts name: • Operating condition:		

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3. SYMPTOMS

ABS operating condition	☐ Does not operate.		
	☐ Operates only when applying the brakes suddenly.	Vehicle speed:	km/h
	MPH		
	• Procedures for stepping on the brake pedal:		
	a) Operating time:	Sec.	
	b) Operating noise: ☐ Occurs. / ☐ Does not occur.		
	• What kind of noise?		
	☐ Knocking ☐ Gong gong ☐ Thump ☐ Buzz ☐ Gong gong buzz ☐ Others :		
	c) Reaction force of brake pedal		
	☐ Sticks ☐ Weak pedal resistance ☐ Strong pedal resistance ☐ Others :		
Condition of vehicle	a) Directional stability cannot be obtained or the steering does not respond when applying brakes:		
	☐ Yes / ☐ No		
	• When:		
	☐ When turning to the right ☐ When turning to the left ☐ When spinning out ☐ Others :		
	b) Directional stability cannot be obtained or the steering does not respond when accelerating:		
	☐ Yes / ☐ No		
	• When:		
	☐ When turning to the right ☐ When turning to the left ☐ When spinning out ☐ Others :		
	c) Poor brake performance: ☐ Yes / ☐ No		
	• What kind:		
	☐ Braking distance is long. ☐ Brakes lock or drag. ☐ Pedal stroke is long. ☐ Pedal sticks. ☐ Others :		
	d) Poor acceleration: ☐ Yes / ☐ No		
	• What kind:		
	☐ Fails to accelerate. ☐ Engine stalls. ☐ Others :		
	e) Occurrence of vibration: ☐ Yes / ☐ No		
• Where			
• What kind:			
f) Occurrence of noise: ☐ Yes / ☐ No			
• Where			
• What kind:			
g) Other troubles occurred: ☐ Yes / ☐ No			
• What kind:			

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4. CONDITIONS UNDER WHICH TROUBLE OCCURS

Environment	a) Weather	☐ Fine ☐ Cloudy ☐ Rainy ☐ Snowy ☐ Others :	
	b) Ambient temperature	°C (°F)	
	c) Road	☐ Inner city ☐ Suburbs ☐ Highway ☐ Local street ☐ Uphill ☐ Downhill ☐ Paved road ☐ Gravel road ☐ Muddy road ☐ Sandy place ☐ Others :	
	d) Road surface	☐ Dry ☐ Wet ☐ Covered with fresh snow ☐ Covered with hardened snow ☐ Frozen slope ☐ Others :	
Condition	a) Brakes	Deceleration: G	
		☐ Intermittent / ☐ Temporary	
	b) Accelerator	Acceleration: G	
		☐ Intermittent / ☐ Temporary	
	c) Vehicle speed	km/h	MPH
		☐ Advancing ☐ When accelerating ☐ When decelerating ☐ At low speed ☐ When turning ☐ Others :	
	d) Tire inflation pressure	Front RH tire:	kPa
		Front LH tire:	kPa
		Rear RH tire:	kPa
		Rear LH tire:	kPa
	e) Degree of wear	Front RH tire:	
		Front LH tire:	
		Rear RH tire:	
		Rear LH tire:	
	f) Genuine parts are used.:	☐ Yes / ☐ No	
	g) Tire chain is attached:	☐ Yes / ☐ No	
	h) T-type tire is used.:	☐ Yes / ☐ No	
i) Condition of suspension alignment:			
j) Loaded state:			
k) Repair parts are used.:	☐ Yes / ☐ No		
• Contents:			
l) Others:			