

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

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## 3. SYMPTOMS

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

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## 4. CONDITIONS UNDER WHICH TROUBLE OCCURS

Environment	a) Weather	<input type="checkbox"/> Fine <input type="checkbox"/> Cloudy <input type="checkbox"/> Rainy <input type="checkbox"/> Snowy <input type="checkbox"/> Others :	
	b) Ambient temperature	°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"/> Uphill <input type="checkbox"/> Downhill <input type="checkbox"/> Paved road <input type="checkbox"/> Gravel road <input type="checkbox"/> Muddy road <input type="checkbox"/> Sandy place <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"/> Frozen slope <input type="checkbox"/> Others :	
Condition	a) Brakes	Deceleration: <span style="float: right;">G</span>	
		<input type="checkbox"/> Intermittent / <input type="checkbox"/> Temporary	
	b) Accelerator	Acceleration: <span style="float: right;">G</span>	
		<input type="checkbox"/> Intermittent / <input type="checkbox"/> Temporary	
	c) Vehicle speed	km/h	MPH
		<input type="checkbox"/> Advancing <input type="checkbox"/> When accelerating <input type="checkbox"/> When decelerating <input type="checkbox"/> At low speed <input type="checkbox"/> When turning <input type="checkbox"/> 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.:	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
g) Tire chain is attached.:	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
h) T-type tire is used.:	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
i) Condition of suspension alignment:			
j) Loaded state:			
k) Repair parts are used.:	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
• Contents:			
l) Others:			