

## CHECK LIST FOR INTERVIEW

ABS (DIAGNOSTICS)

### 2. Check List for Interview

#### A: CHECK

Check the following items about the vehicle's state.

##### 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 / 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 is running) <input type="checkbox"/> On after starting (Engine is stop)		
Timing	<input type="checkbox"/> Immediately after ignition is ON. <input type="checkbox"/> Immediately after ignition starts.		
	<input type="checkbox"/> When advancing		km/h to km/h MPH to MPH
	<input type="checkbox"/> While traveling at a constant speed	km/h	MPH
	<input type="checkbox"/> When decelerating		km/h to km/h MPH to MPH
	<input type="checkbox"/> When turning to right	Steering angle :	deg
		Steering time :	sec
	<input type="checkbox"/> When turning to left	Steering angle :	deg
		Steering time :	sec
	<input type="checkbox"/> When moving other electrical parts		
	• Parts name : • Operating condition :		

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#### 2. SYMPTOMS

ABS operating condition	<input type="checkbox"/> Performs no work.		
	<input type="checkbox"/> Operates only when abruptly applying brakes.	Vehicle speed :	<input type="text"/> km/h
			<input type="text"/> MPH
	• How to step on brake pedal :		
	a) Operating time :		<input type="text"/> sec
	b) Operating noise : <input type="checkbox"/> Produce / <input type="checkbox"/> Does not produce		
	• What kind of noise?	<input type="checkbox"/> Knock <input type="checkbox"/> Gong gong <input type="checkbox"/> Bong <input type="checkbox"/> Buzz <input type="checkbox"/> Gong gong buzz <input type="checkbox"/> Others :	
c) Reaction force of brake pedal			
	<input type="checkbox"/> Stick <input type="checkbox"/> Press down once with a clunk <input type="checkbox"/> Press and released <input type="checkbox"/> Others :		
Behavior of vehicle	a) Directional stability cannot be obtained or steering arm refuses to work when applying brakes : <input type="checkbox"/> Yes / <input type="checkbox"/> No		
	• When :	<input type="checkbox"/> Vehicle turns to right <input type="checkbox"/> Vehicle turns to left <input type="checkbox"/> Spins <input type="checkbox"/> Others :	
	b) Directional stability cannot be obtained or steering arm refuses to work when accelerating : <input type="checkbox"/> Yes / <input type="checkbox"/> No		
	• When :	<input type="checkbox"/> Vehicle turns to right <input type="checkbox"/> Vehicle turns to left <input type="checkbox"/> Spins <input type="checkbox"/> Others :	
	c) Brakes are out of order : <input type="checkbox"/> Yes / <input type="checkbox"/> No		
	• What :	<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 :	<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 abnormal noise : <input type="checkbox"/> Yes / <input type="checkbox"/> No			
• Where			
• What kind :			
g) Occurrence of other phenomena : <input type="checkbox"/> Yes / <input type="checkbox"/> No			
• What kind :			

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### 3. 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"/> Various/Others :	
	b) Ambient temperature	°F (°C)	
	c) Road	<input type="checkbox"/> Urban area <input type="checkbox"/> Suburbs <input type="checkbox"/> Highway <input type="checkbox"/> General road <input type="checkbox"/> Ascending slope <input type="checkbox"/> Descending slope <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"/> New-fallen snow <input type="checkbox"/> Compressed snow <input type="checkbox"/> Frozen slope <input type="checkbox"/> Others :	
Condition	a) Brakes	Deceleration : <span style="float: right;">g</span>	
		<input type="checkbox"/> Continuous / <input type="checkbox"/> Intermittent	
	b) Accelerator	Acceleration : <span style="float: right;">g</span>	
		<input type="checkbox"/> Continuous / <input type="checkbox"/> Intermittent	
	c) Vehicle speed	km/h	MPH
		<input type="checkbox"/> Advancing <input type="checkbox"/> Accelerating <input type="checkbox"/> Reducing speed <input type="checkbox"/> Low speed <input type="checkbox"/> 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) Chain is passed around tires. :	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
h) T tire is used. :	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
i) Condition of suspension alignment :			
j) Loading state :			
k) Repair parts are used. :	<input type="checkbox"/> Yes / <input type="checkbox"/> No		
•What :			
l) Others :			

**ABS-7**