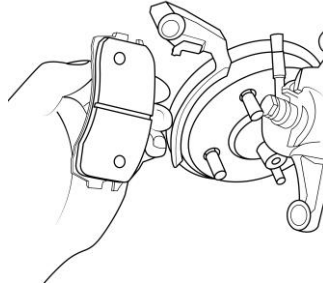


Fault Diagnosing Checklist



1 Primary Checking:

Check point	Description	Result		Remarks / Action required
		OK	N.OK	
Test Drive	Before starting replacement			
Check shock absorber	Operation before starting replacement			
Test brake operation	On roller test bench- Front			
	On roller test bench- Rear			
Test brake fluid	Before starting replacement			
Visually check rims / tires	No damage			

2 Secondary Checking:

Check point	Description	Result		Remarks / Action required
		OK	N.OK	
Wheel bearing	Check for any damage			
Wheel hub	clean (metallic bright)			
	lateral run-out using a dial gauge			
	visible damage			
	corrosion protection (excluding solids contents)			
Axle nut	tightness and security			
Wheel bolt thread	No damage			
	can the bolts easily be screwed in by hand?			
Traverse link mount	replace in case of porosity and increased play			
Supporting ball joint Tie rod end	joint play			
	check sealing collars for porosity and leakage			
	fastening of joints (securing screws)			

Check point	Description	Result		Remarks / Action required
		OK	N.OK	
Brake caliper	Piston	fluid leaks, smooth-running		
	Dust collar	fluid leaks, porous		
	Sliding element	3 play, smooth running		
		seal		
Caliper housing	No damage			
Brake hose	fluid leaks, porous, chafe marks			
	inner diameter (swollen)			
	screwed connection			
	check maximum service life			
Strut	fluid leaks (detectable oil seepage)			
	shock-absorber efficiency test, in advance			
	strut fracture			
	shock-absorber mount			
	fastening			
Drive shaft boot	fluid leaks, porous			

3 Final Checking:

Check point	Description	Result		Remarks / Action required
		OK	N.OK	
Final check the newly replaced	Fitting and make sure about the centered brake disc, lateral run-out			
Check accessory/set of fasteners replaced	Accessory and fasteners			
Functional test	On roller test bench			
Test drive	After replacement			