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TROUBLESHOOTING

Problem Symptoms Table

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem.

Check each part in order.

If necessary, replace these parts.

Symptom	Expected cause	Countermeasure
Lower pedal or sponge pedal	Brake system (oil leakage)	Repair
	Brake system (air inflow)	Air bleeding out procedure
	Piston seal (worn out or damaged)	Replace
	Rear brake shoe separation (faulty adjustment)	Adjust
	Master cylinder (malfunction)	Replace
Dragged brake	Brake pedal free separation (minimum)	Adjust
	Parking brake cable length (adjustment trouble)	Adjust
	Parking brake cable (trapped)	Repair
	Rear brake shoe separation (adjustment trouble)	Adjust
	Pad and lining (twisted or cracked)	Replace
	Piston (trapped)	Replace
	Piston (frozen)	Replace
	Anker or return spring (malfunction)	Replace
	Booster system (leakage of vacuum)	Repair
	Master cylinder (malfunction)	Replace
Uneven brake	Piston (trapped)	Replace
	Pad and lining (oil stain, cracked or twisted)	Replace
Heavy pedal and brake trouble	Brake system (oil leakage, air inflow)	Perform air bleeding procedure
	Pad or lining (worn out)	Replace
	Pad or lining (cracked or twisted)	Replace
	Rear brake shoe separation (adjustment trouble)	Adjust
	Pad or lining (oil stain)	Replace
	Pad or lining (slippery)	Replace
	Disc (scratched)	Replace
	Booster system (leakage of vacuum)	Repair
Noise from brake	Pad or lining (cracked or twisted)	Replace
	Looseness of wheel bolt and caliper	Adjust
	Pad sliding trouble (Pad uneven worn out)	Replace
	Pad or lining (dirty)	Cleaning
	Pad or lining (slippery)	Pad replacement
	Anker or return spring (malfunction)	Replace
	Brake pad shim (damaged)	Replace
	Hold down spring (damaged)	Replace

	Foreign substance stucked between disc and pad	Cleaning
	Corrosion on disc	Test drive brake and cleaning * get rid of corrosion by friction while test drive brake
	Caved disc	Replace
Not fully functioning on brake (when drive speed is fast)	Pad or lining (worned out)	Replace
	Master cylinder (malfunction)	Replace
Brake vibration	Brake booster (leakage of vacuum)	Repair
	Pedal free separation	Adjust
	Master cylinder (malfunction)	Replace
	Damaged on master cylinder cap	Replace
	Damaged on brake line	Replace
	Caliper returning trouble (while tire is turning, check the noise)	Replace
	Transformed disc	Replace

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