Inspection and maintenance method

1) The criteria for evaluating daily inspection items will be made known to all vehicle users.
2) The "●" and "◆" marks indicate inspection intervals that are required by regulation, while the "○" and "◇" marks indicate inspection intervals that are recommended by Honda.
3) The "◆" mark indicates a "distance item" that can be omitted depending on the mileage since the last inspection. For the 12-month and 24-month inspection items of the mileage item, the inspection and maintenance can be omitted if the mileage is less than 5,000 km per year, but it cannot be omitted twice consecutively. In addition, for "business use" and "private freight", etc., if the mileage is less than 8,000 km per year (if the inspection period is 3 months or 6 months, then 2,000 km in 3 months and 4,000 km in 6 months, respectively), the inspection and maintenance can be omitted, but it cannot be omitted twice consecutively.
4) The "◇" mark indicates severe conditions.

   Severe Condition:

   A: ● Frequently driving on rough roads (bumpy roads, gravel roads, unpaved roads)

   Rough road condition

   - Rough road surface that causes shock (jutting sensation) to the driver's body
   - Road surfaces where stones are kicked up or where the undercarriage is often hit by ruts, etc.
   - Dusty roads

   ● A lot of driving on snowy roads

   B: ● High mileage

   (Guideline: 20,000km or more/year)

   C: ● Most of the driving is on mountain roads and uphill

   (Guideline: Many ups and downs, frequent use of brakes)

   D: ● A lot of repeated short distance running

   (Guideline: 8km or less per trip)

   ● Repeated driving in below freezing temperatures

   E: ● When driving at low speeds

   (Guideline: 30km/h or less)

   ● When the vehicle is idling frequently

   If driving under any of the conditions A to E accounts for approximately 30% or more of the driving distance, it is considered to be in severe conditions.
5) An "x" sign indicates not applicable.

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
Steering system	handle	Operation			●				●		
	Gearbox	Steering gear box fluid leak			●						×
		Steering gear box installation loose			●			◇	◆		Conditions A, B, C
	Rods and arms	Steering rods and arms are loose, rattling, or damaged.		◆	◆				◆		
		Dust boots of ball joints of rods and arms are cracked or damaged			●			◇	●		Conditions A, B, C
	knuckle	Steering knuckle joint play		◆	◆						
	Steering wheel	Wheel alignment			●				◆	Toe-in: 0±3mm Camber: 0°00'±1° Caster: 5°00'±1°	
	Power Steering System	Loose or damaged power steering belt		●	●			●	●		×
		Power steering fluid leak, quantity		◆	◆				●		×
		Loose power steering installation			●				◆		
Braking device	Brake pedal	Brake pedal play, gap between		●	●			●	●	Play: 1-5mm Gap between floor and pedal	

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
		the pedal and the floor when the pedal is depressed								when stepping on with a stepping force of 196N (20.0kgf) Vehicles without brake pedal pad cover : 110mm or more Vehicles with brake pedal pad cover : 109mm or more	
		Brake pedal travel and effectiveness	●			●					
		Brake effectiveness		●	●			●	●	Braking force Rear wheel sum: 10% or more of the axle load Wheel difference: 8% or less of axle load Total weight: 50% or more of the vehicle weight at the time of inspection Note: If all front wheels are locked and measurement is difficult, they will be considered to meet the total.	
	Parking brake mechanism	Parking brake lever travel	●	●	●	●		●	●		×
		Parking brake effectiveness		●	●			●	●	Braking force: 20% or more of the vehicle weight at the time of inspection	
	Hoses and Pipes	Brake hoses, pipes leaking, damaged, installation condition		●	●		◇	●	●		Conditions A, B, C
	Reservoir Tank	Brake fluid level	●	●	●	●				Liquid level: Between upper and lower limits	
	Master cylinders,	Brake master						●	●		

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
	wheel cylinders and disc calipers	cylinder, wheel cylinder, or disc caliper leaks									
		Function, wear and damage of brake master cylinders, wheel cylinders and disc calipers			●				●		
	Brake chamber	Brake chamber rod stroke	●	●	●						×
		Brake chamber function			●						×
	Brake valves, quick release valves and relay valves	Functions of brake valves, quick release valves, and relay valves			●						×
	Booster	Brake booster air cleaner clogged			●						×
		Brake booster function			●						
		Air pressure gauge function (air pressure rise)	●			●					×
		Brake valve inspection (exhaust noise)	●			●					×

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
	Brake Cam	Brake cam wear			●						×
	Brake drums and brake shoes	Brake Drum and Lining Gap		●	●			◆	◆		×
		Wear of the sliding parts of the brake shoes and linings		◆	◆		◇	◆	◆		×
		Brake drum wear and damage			●			◇	●		×
	Back Plate	Brake back plate condition			●						
	Brake discs and pads	Gap between brake disc and pad		◆	◆			◆	◆		
		Brake pad wear		◆	◆		◇	◆	◆	Standard thickness: 10.0mm Usage limit: 1.6mm	Conditions A, B, C
		Brake disc wear and damage			●			◇	●	front wheel Standard thickness: 23.0mm Usage limit: 21.0mm Rear wheel Standard thickness: 9.0mm Usage limit: 8.0mm	
	Dual safety brake mechanism	Dual safety brake mechanism function			●						
Running gear	wheel	Tire condition	●	◆	◆	●		◆	◆	Tire specifications (2WD): 215/60R16 95H Tire pressure front wheel: 210kPa (2.1kgf/cm2) Tire pressure Rear wheel: 200kPa (2.0kgf/cm2)	

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria			remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.							
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years				
										215/55R17 94V	220kPa (2.2kgf/cm2)	210kPa (2.1kgf/cm2)	
										Tire specifications (4WD)	Tire pressure		
											front wheel	Rear wheel	
										215/60R16 95H	210kPa (2.1kgf/cm2)	190kPa (1.9kgf/cm2)	
										Tire tread depth: up to 1.6mm			
		Loose wheel nuts and wheel bolts		●	●			◆	◆	Wheel nut tightening torque: 108N·m (11.0kgf·m)			
		Rim, side ring, or disc wheel damage			●								
		Front wheel bearing play		◆	◆				◆	Hub axial play: 0-0.05mm			
		Rear wheel bearing play			●				◆	Hub axial play: 0-0.05mm			
Shock absorber	Leaf Suspension	Damaged leaf spring		●	●								×
		Leaf suspension mounting and connection parts loose, rattling, or damaged			●								×
	Coil Suspension	Damaged coil spring			●								
		Coil suspension mounting and connection parts loose,			●								

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
		rattling, or damaged									
	Mounting and connection parts	Looseness, rattling, or damage to suspension mounting and connecting parts						◇	●		Conditions A, B, C
	Shock Absorber	Shock absorber damage, oil leak		●	●				●		
Power transmission	clutch	Clutch pedal play, gap between the pedal and the floor when the pedal is disengaged		●	●			●	●		×
		Clutch action		●	●						×
		Clutch fluid level		●	●						×
	Transmission and Transfer	Transmission and transfer fluid leaks, quantity		◆	◆			◆	◆		For CVT vehicles, check for fluid leaks instead of checking the fluid level.
	Propeller shafts and drive shafts	Looseness in the connections of the propeller shaft and drive shaft		◆	◆			◆	◆		

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
		Cracks or damage to the dust boot of the driveshaft universal joint			●			◇	●		Conditions A, B, C
		Propeller shaft and drive shaft universal joint play			●						
		Propeller shaft, drive shaft center bearing play			●						
	Differential	Differential fluid leak, quantity		◆	◆				◆		
Electrical equipment	Ignition system	Spark plug condition		◆	◆			◆	◆	Plug gap: 1.0-1.1mm	Platinum and iridium plugs do not require inspection.
		Ignition timing		●	●			●	●	Electronic fuel injection, idle N or P position, SCS shorted: BTDC0±2°	No inspection required for non-adjustable types
		Distributor cap condition			●			●	●		×
	Battery	Battery Fluid Level	●			●				Liquid level: Between upper and lower limits	Sealed type does not require inspection
		Loose or corroded battery terminals		●	●			●	●		

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
	Electrical wiring	Loose or damaged electrical wiring connections		●	●				●		
Prime mover	Main unit	Engine starting condition, abnormal noise	●			●					
		Low speed and acceleration conditions	●	●	●	●					
		Exhaust condition		●	●			●	●	Electronic fuel injection Idling speed N or P position: 700±50rpm	
		Dirty or clogged air cleaner element		◆	◆		◇	◆	◆		Conditions A, B, C
		Tightening condition of cylinder head and manifold parts			●					Cylinder head tightening torque	No inspection required for cylinder head bolts
										Manifold tightening torque	The exhaust manifold is integrated into the cylinder head, so no inspection is required.

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
	Lubrication system	Engine oil leak		●	●			●	●		
		Engine oil level	●			●				Level gauge: Between upper and lower limits	
	Fuel system	Fuel leak		●	●			◇	●		Conditions A, B, C
	Cooling system	Radiator fluid volume	●			●				Reservoir tank: Must be between upper and lower limits	
		Fan belt loose or damaged	●	●	●			●	●		
		Radiator fluid leak			●			●	●		
Devices to prevent the emission of smoke, odorous gases, harmful gases, etc.	Blow-by gas reduction device	Metering valve status			●				●		
		Damage to the piping of the blow-by gas reduction device			●				●		
	Fuel Evaporative Emission Control Device	Damage to the piping of the fuel evaporative emission control device			●				●		
		Charcoal canister clogged or damaged			●				●		
		Function of the check valve in the fuel evaporative emission control system			●				●		

Inspection and maintenance items			Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points		Inspection items	Commercial vehicles, etc.			Private cars, etc.					
			Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
	Carbon monoxide and other emissions prevention equipment	Loose or damaged catalytic converters or other exhaust gas reduction devices			●				●		
		Function of the secondary air supply system			●				●		×
		Function of exhaust gas recirculation system			●				●		
		Function of the exhaust gas reduction device during deceleration			●				●		×
		Damage to piping and installation status of carbon monoxide etc. prevention devices			●				●		
Lights and indicators		Headlights, stop lights, indicator lights, etc., lighting or flashing, dirt, damage	●			●					

Inspection and maintenance items		Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points	Inspection items	Commercial vehicles, etc.			Private cars, etc.					
		Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
Alarm horns, window wipers, cleaning fluid sprayers, defrosters and locking devices	Functions of horn, wiper, window washer, defroster, and steering lock device			●						
	Windshield washer spray status	●			●				The direction and height of the liquid are normal.	
	Wiper wiping status	●			●				Operation and wiping condition are normal	
	Windshield washer tank fluid level	●			●				Check the volume with the level gauge	
Exhaust pipes and mufflers	Loose or damaged exhaust pipes and mufflers		◆	◆			◆	◆		
	Function of the muffler			●			◇	●		Conditions D and E
Fuel devices that use high pressure gas as fuel, etc.	Gas leaks or damage to pipes and joints in fuel systems that use high-pressure gas		●	●						×
	Gas cylinder mounting parts loose or damaged			●						×
Frame and body	Frame, body looseness, damage		●	●				●		
seat	Seat belt damage and function			●						

Inspection and maintenance items		Inspection and maintenance schedule							Judgment criteria	remarks
Inspection points	Inspection items	Commercial vehicles, etc.			Private cars, etc.					
		Daily Inspection	Every 3 months	Every 12 months	Daily Inspection	Every 6 months	Every year	Every 2 years		
others	Lubrication status of each chassis part		●	●						
Locations where abnormalities were observed during operation	There is no abnormality in the area	●			●					

Regular replacement parts	Replacement time		Inspection method and criteria	remarks
	Annual replacement Unit: Year	Per kilometre Exchange: 1,000km		
Brake fluid	[3] 2			
Automatic Transmission Fluid		[80] 60 "40"		M-CVT
Rear differential fluid		40		Real-time AWD (electronically controlled 4WD)
Spark Plugs		100		Iridium plug
Air Cleaner Element		50 "twenty five"		Wet
Engine oil	1 "0.5"	15 "7.5"		
Engine Oil Filter	2 "1"	30 "15"		
Radiator Fluid	[11] 6	[200] 120		

Note: 1. Replacement should be done annually or according to the mileage, whichever comes first.

2. [ ] indicates the first replacement time for passenger cars, and " " indicates the replacement time for severe conditions.

Inspection and maintenance items			Inspection method and criteria
Devices to prevent the emission of smoke, odorous gases, harmful gases, etc.	Carbon monoxide emission prevention device	Function of the exhaust gas reduction device during deceleration • Function of deceleration fuel cut device	① Warm up the engine and check that the idling speed becomes constant. ② Increase the engine speed to approximately 3,000 rpm and check that you can hear the injector operating (clicking noise). ③ Check that the sound of the injector stopping momentarily when the accelerator pedal is released.
		Function of exhaust gas recirculation system	① With the engine idling, remove the coupler from the EGR valve.

Inspection and maintenance items			Inspection method and criteria
		• Checking the EGR valve	② Verify that the engine runs poorly (the engine speed fluctuates) when the positive (+) battery terminal is connected to the No. 5 terminal of the EGR valve connector and the negative (-) battery terminal is connected to the No. 1 terminal. If the engine does not run poorly, remove the EGR valve and check its function alone.