

General Diagnostic Table

WHEEL AND TIRE SYSTEM

7. General Diagnostic Table

A: INSPECTION

Symptom	Possible cause	Corrective action
Vehicle sways	Improperly inflated tire.	Adjust the tire pressure. Refer to specifications for the tire air pressure. <Ref. to WT-2, SPECIFICATION, General Description.>
	Abnormal wear	Inspect the tire referring to "Abnormal tire wear" in this table, and perform the indicated procedures and replace the tire.
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-5, INSPECTION, Wheel Alignment.>
	Rear wheel alignment	Check the rear wheel alignment. <Ref. to RS-6, INSPECTION, Wheel Alignment.>
	Front strut	Check the front strut. <Ref. to FS-18, INSPECTION, Front Strut.>
	Rear strut	Check the rear strut. <Ref. to RS-12, INSPECTION, Rear Strut.>
	Front axle	Check the front axle. <Ref. to DS-21, INSPECTION, Front Axle.>
Abnormal vehicle pitching	Rear axle	Check the rear axle. <Ref. to DS-29, INSPECTION, Rear Axle.>
	Improperly inflated tire.	Adjust the tire pressure. Refer to specifications for the tire air pressure. <Ref. to WT-2, SPECIFICATION, General Description.>
	Abnormal wear	Inspect the tire referring to "Abnormal tire wear" in this table, and perform the indicated procedures and replace the tire.
	Front stabilizer	Inspect the front stabilizer. <Ref. to FS-20, INSPECTION, Front Stabilizer.>
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-5, INSPECTION, Wheel Alignment.>
Abnormal wheel vibration	Rear wheel alignment	Check the rear wheel alignment. <Ref. to RS-6, INSPECTION, Wheel Alignment.>
	Improperly inflated tire.	Adjust the tire pressure. Refer to specifications for the tire air pressure. <Ref. to WT-2, SPECIFICATION, General Description.>
	Abnormal wear	Inspect the tire referring to "Abnormal tire wear" in this table, and perform the indicated procedures and replace the tire.
	Wheel is out of balance.	Adjust wheel balance. <Ref. to WT-7, ADJUSTMENT, Wheel Balancing.>
	Front axle	Check the front axle. <Ref. to DS-21, INSPECTION, Front Axle.>
Abnormal tire wear	Rear axle	Check the rear axle. <Ref. to DS-29, INSPECTION, Rear Axle.>
	Improperly inflated tire.	Adjust the tire pressure. Refer to specifications for the tire air pressure. <Ref. to WT-2, SPECIFICATION, General Description.>
	Wheel is out of balance.	Adjust wheel balance. <Ref. to WT-7, ADJUSTMENT, Wheel Balancing.>
	Front wheel alignment	Check the front wheel alignment. <Ref. to FS-5, INSPECTION, Wheel Alignment.>
Rear wheel alignment	Rear wheel alignment	Check the rear wheel alignment. <Ref. to RS-6, INSPECTION, Wheel Alignment.>

DIFFERENTIAL

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General Description

DIFFERENTIAL

1. General Description

A: SPECIFICATION

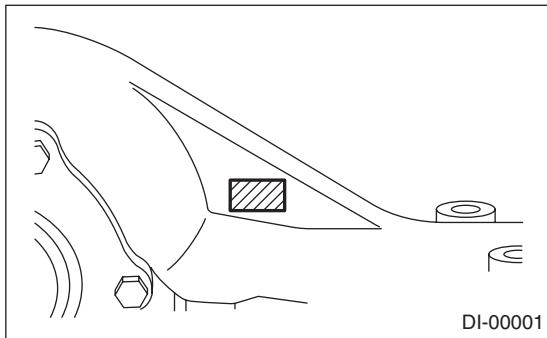
When replacing a rear differential assembly, select the correct assembly according to the following table.

NOTE:

Using a different rear differential assembly will cause the drive train and tires to drag or emit abnormal noise.

MODEL	Non-turbo, rear drum brake		Non-turbo, rear disk brake		Turbo	
	MT	AT	MT	AT	MT	AT
Rear differential type	T type (Model without LSD)		T type (Model with LSD)			
LSD type	—		Viscous coupling			
Identification	T2	TP	JP	CF	CF	JP
Type of gear	Hypoid gear					
Gear ratio (Number of gear teeth)	4.111 (37/9)	4.444 (40/9)	4.111 (37/9)	4.444 (40/9)	4.444 (40/9)	4.111 (37/9)
Oil capacity	0.8 ℥ (0.8 US qt, 0.7 Imp qt)					
Rear differential gear oil	GL-5					

- Identification

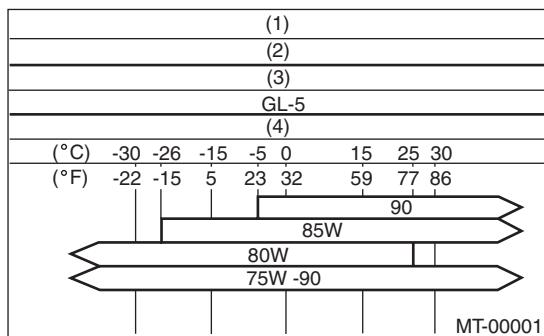


- Rear differential gear oil

Recommended oil

CAUTION:

Each oil manufacturer uses different base oil and additives. Thus, do not mix two or more brands.



- (1) Item
- (2) Differential gear oil
- (3) API classification
- (4) SAE viscosity No. and applicable temperature