GROUP 27

REAR AXLE

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REAR AXLE <2WD>

M2270002000132

The rear axle has the following features:

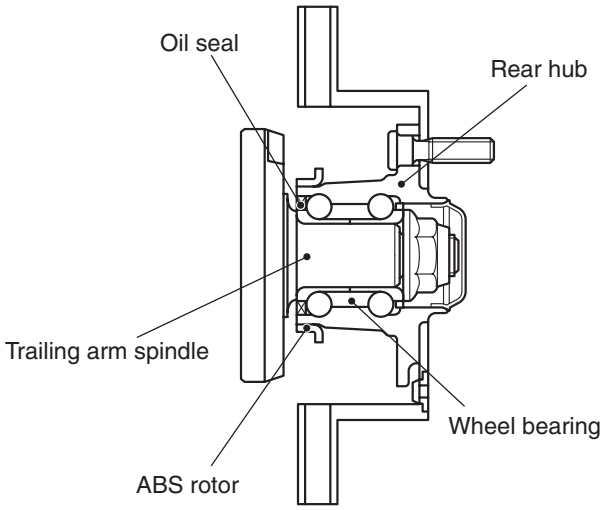
- The wheel bearing is a unit ball bearing (double-row angular contact ball bearing) which incorporates the oil seals and is highly resistant to thrust loads.
- ABS rotor for detecting the wheel speeds is press-fitted to the rear hub.

SPECIFICATIONS

Item		Specification
Wheel bearing	Type	Unit ball bearing (double-row angular contact ball bearing)

NOTE: The wheel bearing is part of the hub, therefore its size is not listed here.

CONSTRUCTION DIAGRAM



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REAR AXLE <4WD>

M2270003000179

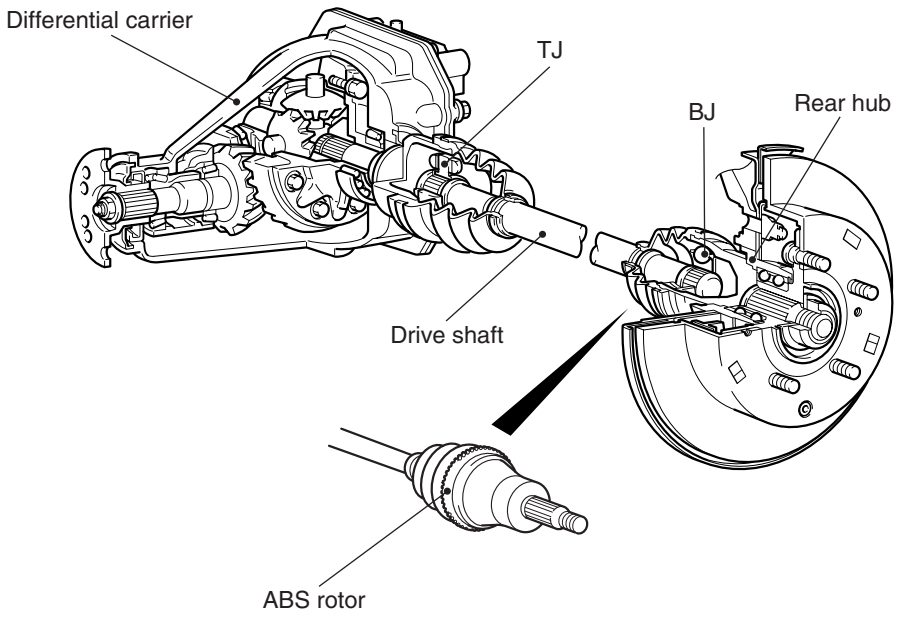
The rear axle has the following features:
- The wheel bearing is a double-row angular contact ball bearing which incorporates the oil seals and is highly resistant to a thrust load.
- The drive shaft has BJ-TJ constant velocity joints.
- A smaller BJ side boot is used.
- ABS rotor for detecting the wheel speed is press-fitted to the BJ outer wheel.

NOTE:
- *BJ: Birfield Joint*
- *TJ: Tripod Joint*

SPECIFICATIONS

Item			Specification
Wheel bearing	Type		Double-row angular contact ball bearing
	Bearing (OD x ID) mm		70 × 40
Drive shaft	Type	Outer	BJ
		Inner	TJ
	Length (joint to joint) × outer diameter mm	LH	481 × 22 <2000-Non-Turbo, 2400>, 471 × 22.2 <2000-Turbo>
		RH	571 × 22 <2000-Non-Turbo, 2400>, 561 × 22.2 <2000-Turbo>

CONSTRUCTION DIAGRAM



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DIFFERENTIAL

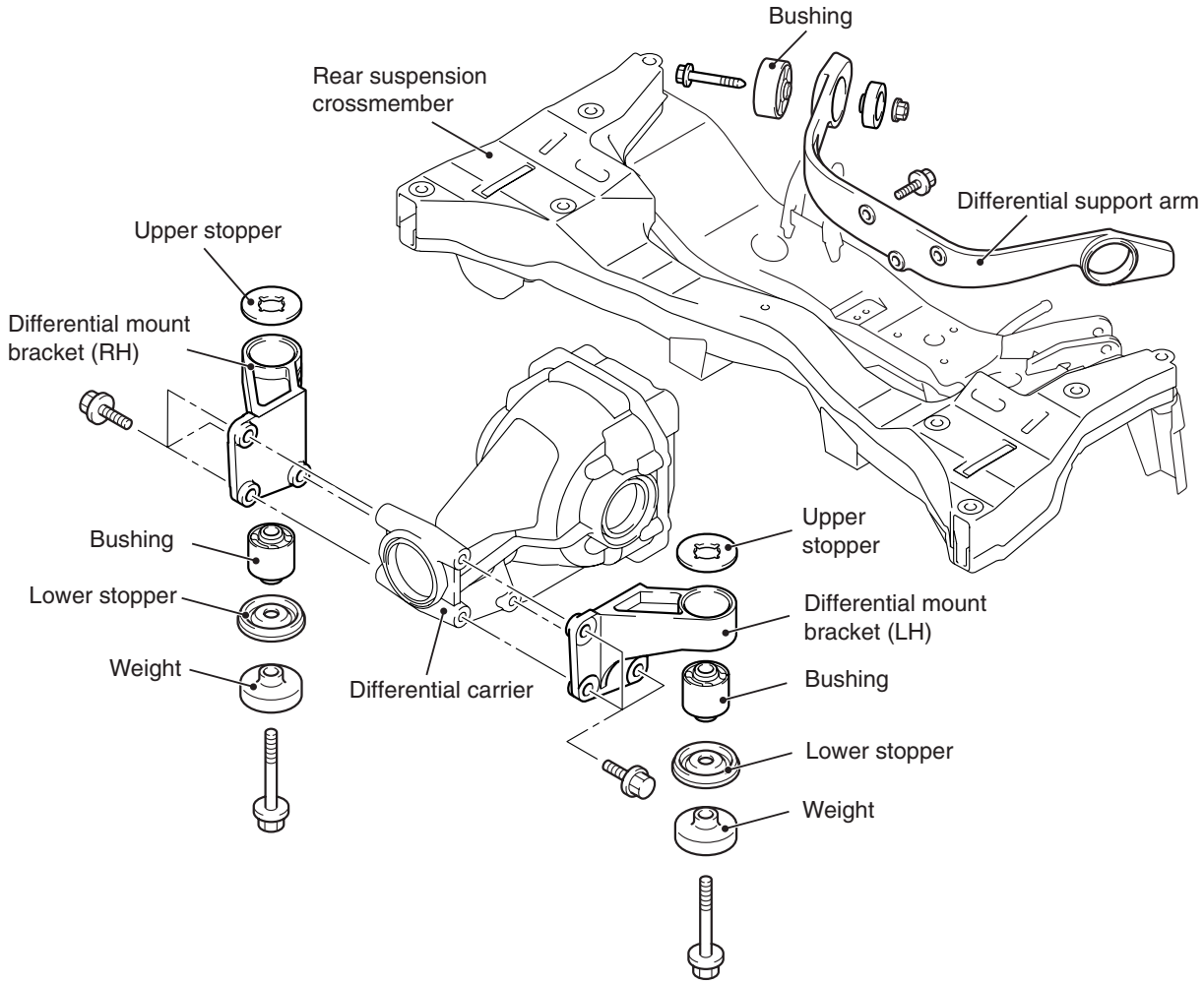
M2270001000195

The differential specifications are established as follows.

SPECIFICATIONS

Item		Specification
Reduction gear type		Hypoid gear
Reduction ratio		3.312
Differential gear type (Type × number of gears)	Side gear	Straight bevel gear × 2
	Pinion gear	Straight bevel gear × 2
Number of teeth	Drive gear	53
	Drive pinion	16
	Side gear	14
	Pinion gear	10
Bearing (Outside diameter × inside diameter) mm	Side	72 × 35
	Front	62 × 25
	Rear	72 × 35
Differential gear oil	Type	Hypoid gear oil API classification GL-5 or higher SAE viscosity No.90, 80W
	Amount L	0.55

DIFFERENTIAL MOUNT



AC312745AD

- The differential carrier is supported by the differential mount brackets on the front side, which are secured to the rear suspension crossmember with bushings. It is supported by the differential support arm at the rear, which is secured to the rear suspension crossmember with bushings.
- The differential support arm bushing and its hollow performs to absorb vibration from the suspension.
- The weight is used to reduce the rear differential gear noise.

NOTES