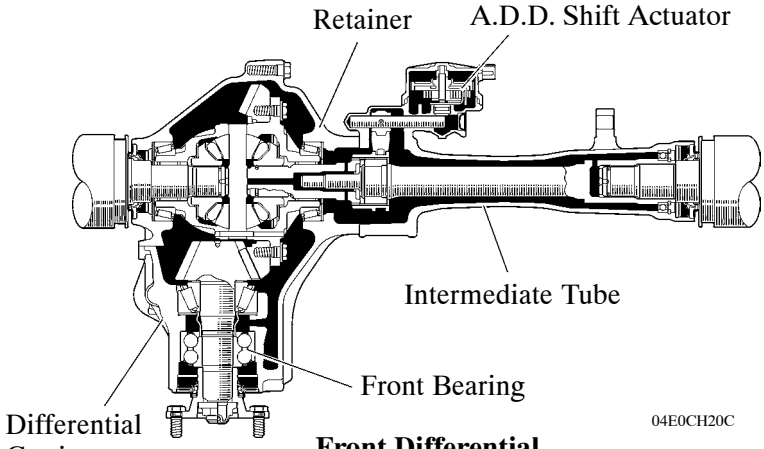
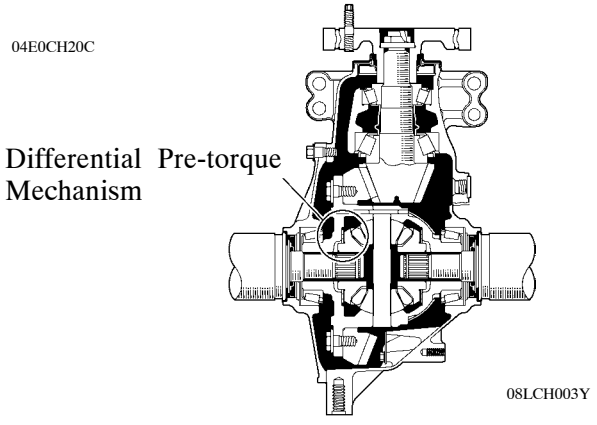
DIFFERENTIAL

■ DESCRIPTION

- The front differential with electric type A.D.D. (Automatic Disconnection Differential) shift actuator for 4WD models uses the SD22AD type.
- The rear differential uses the FD25A type.
- The differential carrier, differential retainer and intermediate tube on the front differential are made of aluminum to reduce their weight.
- A double row bearing is used for the front bearing on the front differential to reduce friction loss, thus improving fuel consumption.
- A conical spring (differential pre-torque mechanism) is used in the differential portion to improve the start-off performance of the vehicle on slippery road surfaces.
- Low viscosity oil is used for front and rear differentials, also improving fuel consumption.



Front Differential



Rear Differential

▶ Specifications ◀

Differential Type		Front	Rear
		SD22AD	FD25A
Differential Gear Ratio		3.909, 4300*2	3.909, 4300*2
Ring Gear Size	mm (in.)	220 (8.66)	252 (9.92)
Oil Capacity	Liters (US qts, Imp. qts)	2.05 (2.17, 1.80)	1.55 (1.64, 1.36)
Oil Viscosity		SAE 75W-85	←
Oil Grade		API GL-5	←
Weight (Reference)*1	kg (lb)	36.2 (79.8)	48.2 (106.3)

*1: Weight shows the figure with no fluids. *2: Towing package