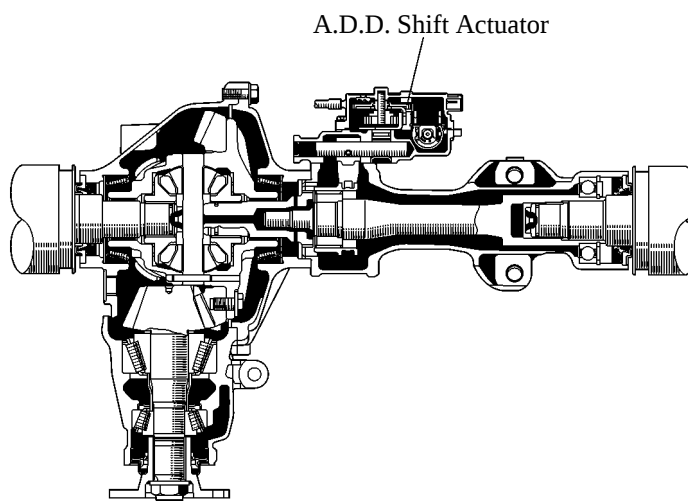


DIFFERENTIAL

■ DESCRIPTION

- The front differential of the 4WD model is the S20DNFM type. As on the '02 4Runner, this front differential contains an electric type A.D.D. (Automatic Disconnecting Differential) shift actuator. The basic construction and operation are the same as on the '02 4Runner, although the A.D.D. shift motor on the '03 4Runner is more compact.
- The A.D.D. is built into the front differential and automatically disconnects the front wheels from the drive train to conserve energy and reduce vibration and noise when 4WD is not being used. When the transfer is shifted from H2 to H4 the front differential automatically engages the front wheels.
- As in the '03 4Runner with 2UZ-FE engine, the rear differential uses the B200A type.

NF



238CH25

Front Differential

► Specifications ◀

Drive Type	2WD	4WD	
		Front	Rear
Differential Type	B200A (Normal)	S20DNFM (Normal)	B200A (Normal)
Torsional Damper	with	without	←
Differential Gear Ratio	3.909	←	←
Ring Gear Size mm (in.)	205.0 (8.0)	←	←
Oil Capacity liters (US qts, Imp.qts)	3.1 (3.2, 2.7)	1.5 (1.6, 1.3)	3.1 (3.2, 2.7)
Oil Viscosity	SAE 90* ¹ , SAE 80W-90 or 80W* ²	←	←
Oil Grade	API GL-5	←	←
Weight [Reference] kg (lb)	27.8 (61.3)	35.8 (78.9)	25.8 (56.9)

*1: Temperatures above –18°C (0°F)

*2: Temperatures below –18°C (0°F)