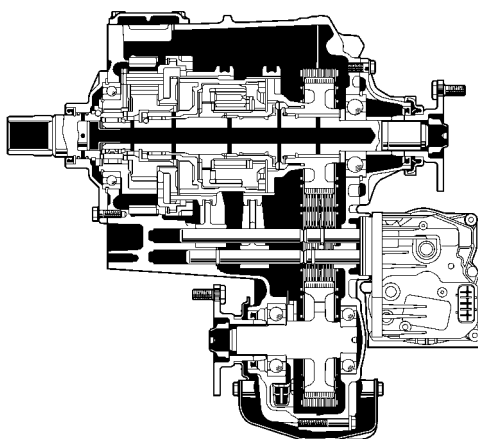


## TRANSFER

### DESCRIPTION

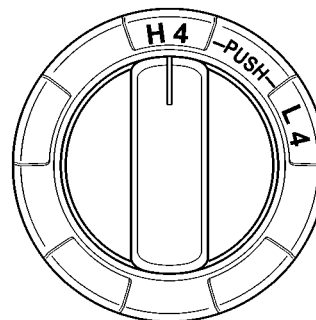
- '03 4Runner uses the full-time VF4BM transfer.
- The VF4BM transfer has been newly developed. Its main feature is the adoption of the TORSEN LSD in the center differential.
- This transfer is a compact and lightweight full-time transfer. In this transfer, a planetary gear train is used in the reduction mechanism and a silent chain is used to reduce noise for the front drive.
- The method for switching the modes of this transfer involves the operation of a 4WD control switch to actuate the 2 shift motors. Thus, the transfer shift lever has been discontinued and the ease of operation has been improved.

#### ► VF4BM Transfer ◀



232CH51

#### ► 4WD Control Switch ◀



232CH52

#### ► Specification ◀

Model		'03 4Runner	'02 4Runner
Transfer Type		VF4BM	VF3AM
Drive Type		Full-Time	Multi-Mode (Part-time & Full time)
Gear Ratio	H2	—	1.000
	H/ H4	1.000	←
	L/ L4	2.566	←
Reduction Gear Type		Single Pinion Planetary	←
Center Differential Gear Type		TORSEN LSD	Double Pinion Planetary
Oil Capacity Liters	(US qts, Imp.qts)	1.4 (1.5, 1.3)	1.2 (1.3, 1.1)
Oil Viscosity		SAE 75W-90	←
Oil Grade		API GL-5	API GL-3
Weight (Reference)*	kg (lb)	41.5 (91.5)	42.8 (94.4)

\*: Weight shows the figure with the oil fully filled.

TORSEN is ZEXEL's registered trademark.