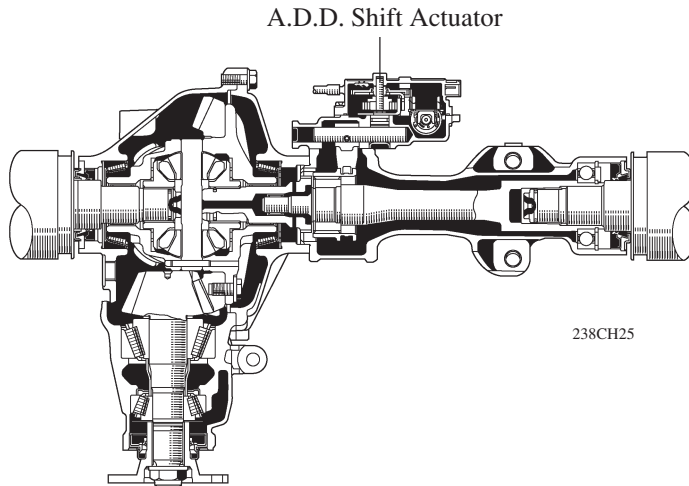


DIFFERENTIAL

DESCRIPTION

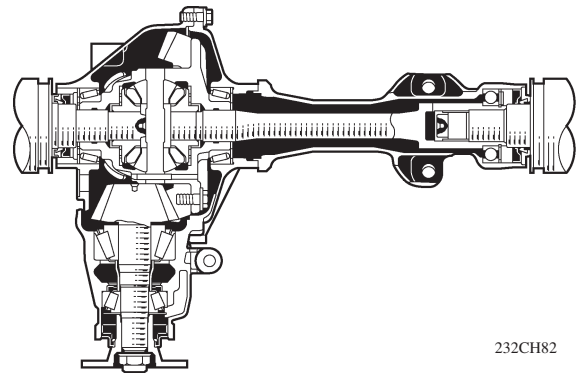
- A front differential with A.D.D. (Automatic Disconnecting Differential) shift actuator has been adopted on the 4WD models. However, this actuator is unavailable on some models, depending on the destination and the grade of the vehicle. For details on the A.D.D. shift actuator, refer to Transfer on [page CH-63](#).
- The following types of rear differential are used: B200 (2WD or 4WD) and B200 with LSD (4WD). On the 4WD models, the provision of the LSD varies by destination.

► Front Differential ◀



238CH25

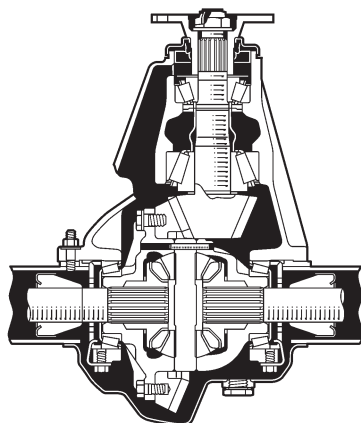
With A.D.D. Shift Actuator



232CH82

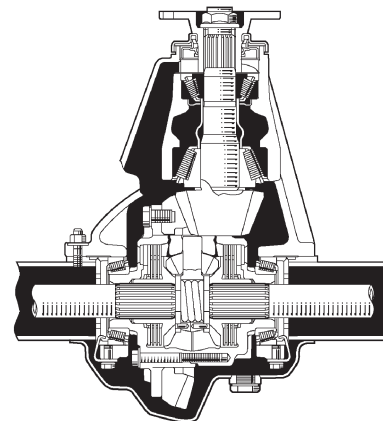
Without A.D.D. Shift Actuator

► Rear Differential ◀



B200

271CH42



B200 with LSD

233CH45

- The new Hilux has the front and rear differentials with the following equipment.

Destination	Drive Type	Engine	Front Diff.		Rear Diff.	
			Type		Type	Gear Ratio
Thailand	2WD	2KD-FTV High Version	—		B200	3.583
		2KD-FTV	—		B200	4.100
	2WD PreRunner	2TR-FE	—		B200	4.555
	4WD	1KD-FTV	S20SNF with A.D.D. Shift Actuator		B200 with LSD	3.909
		2KD-FTV High Version	S20SNF with A.D.D. Shift Actuator		B200 with LSD	3.909
		2TR-FE	S20SNF with A.D.D. Shift Actuator		B200 with LSD	4.555
Australia	2WD	1KD-FTV	—		B200	3.583
		1GR-FE	—		B200	3.583
		2TR-FE	—		B200	4.100
	4WD	1KD-FTV	DLX	S20SNF	B200 with LSD	3.583
			SR	S20SNF with A.D.D. Shift Actuator* ¹		
		1GR-FE	DLX	S20SNF	B200 with LSD	3.583
			SR	S20SNF with A.D.D. Shift Actuator		
Philippines	2WD	2KD-FTV	—		B200	4.100
	2WD PreRunner	2TR-FE	—		B200	4.555
	4WD	1KD-FTV	S20SNF with A.D.D. Shift Actuator		B200 with LSD	● 3.583* ² ● 3.727* ³
General Countries	2WD	1TR-FE	—		B200	4.555
		2TR-FE	—		B200	4.100
		2KD-FTV	—		B200	4.100
	4WD	2TR-FE	S20SNF		● B200 ● B200 with LSD* ¹	4.555
		2KD-FTV High Version	S20SNF		● B200 ● B200 with LSD* ¹	3.909
Central and South America	2WD PreRunner	2TR-FE	—		B200	4.555
		1KD-FTV	—		B200 with LSD	3.583
		2KD-FTV High Version	—		B200 with LSD	3.909
	4WD	2TR-FE	S20SNF with A.D.D. Shift Actuator		B200 with LSD	4.555
		1KD-FTV	S20SNF with A.D.D. Shift Actuator		B200 with LSD	● 3.583* ² ● 3.727* ³
		2KD-FTV High Version	S20SNF with A.D.D. Shift Actuator		B200 with LSD	3.909
Malaysia	4WD	2KD-FTV High Version	DLX	S20SNF with A.D.D. Shift Actuator* ¹	B200 with LSD	3.909
			SR	S20SNF with A.D.D. Shift Actuator		

*1: Optional Equipment

*2: Manual Transmission Model

*3: Automatic Transmission Model

► Front Differential Specifications ◀

Model		with A.D.D. Shift Actuator	without A.D.D. Shift Actuator
Ring Gear Size	mm (in.)	208.0 (8.2)	←
Oil Capacity	liters (US qts, Imp.qts)	1.5 (1.6, 1.3)	←
Oil Viscosity		SAE 75W-90	SAE 90
Oil Grade		API GL-5	←
Oil Type		Gear Oil	Hypoid
Weight (Reference)*	kg (lb)	35.8 (78.9)	35.8 (78.9)

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

► Rear Differential Specifications ◀

Ring Gear Size	mm (in.)	205.0 (8.0)
Oil Capacity liters (US qts, Imp.qts)	Normal	2.9 (3.1, 2.5)
	LSD	2.9 (3.1, 2.5)
Oil Viscosity		SAE 90
Oil Grade		API GL-5
Oil Type	Normal	Hypoid
	LSD	Hypoid LSD
Weight (Reference)* kg (lb)	Normal	26.5 (58.4)
	LSD	27.7 (65.3)

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