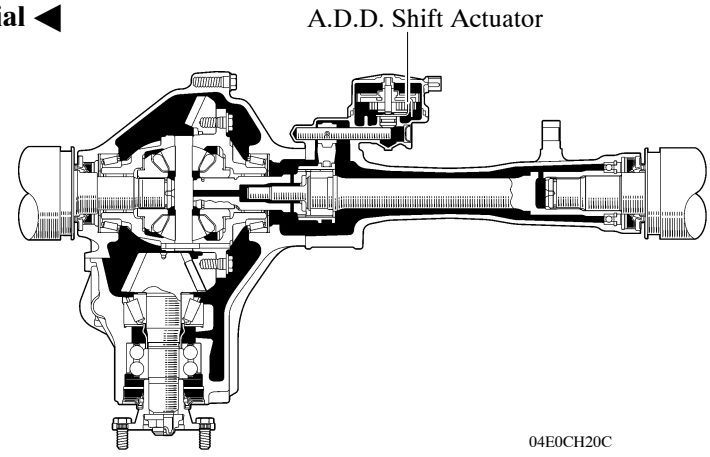
# DIFFERENTIAL

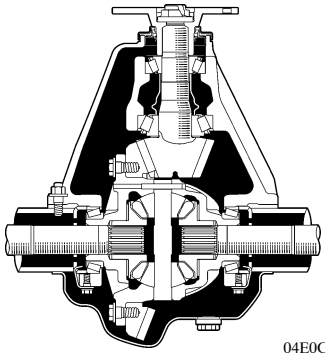
## ■ DESCRIPTION

- 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 BD24B type on the 1GR-FE and 2UZ-FE engine models and the BD26B type on the 3UR-FE engine models.

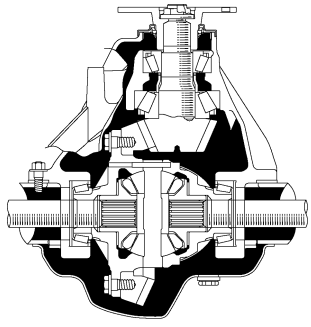
**▶ Front Differential ◀**




**▶ Rear Differential ◀**




**BD24B**




**BD26B**

**▶ Specification ◀**

| Differential Type | Front | | Rear | |
|---|---|---|---|---|
| | SD22AD (with A.D.D.) | | BD24B | BD24B |
| Engine Type | 2UZ-FE | 3UR-FE | 1GR-FE, 2UZ-FE | 3UR-FE |
| Differential Gear Ratio | 3.909, 4.100*2 | 4.100, 4.300*2 | 3.909, 4.100*2 | 4.100, 4.300*2 |
| Ring Gear Size mm (in.) | 220 (8.7) | | 241 (9.5) | 267 (10.5) |
| Oil Capacity Liters (US qts, Imp.qts) | 2.1 (2.2, 1.85) | | 4.05 (4.28, 3.56)*3, 4.60 (4.86, 4.05)*4 | 3.45 (3.65, 3.04)*3, 3.60 (3.80, 3.17)*5, 3.75 (3.96, 3.30)*6 |
| Oil Viscosity | SAE 75W-85 | | | |
| Oil Grade | API GL-5 | | | |
| Oil Type | Hypoid | | | |
| Weight (Reference)*1 kg (lb) | 36.2 (79.8) | | 36.3 (80.0) | 49.0 (108.0) |

*1: The figure shown is the weight of the part without oil included. *2: With Towing package
*3: Regular cab of standard deck *4: All models except regular cab of standard deck
*5: CrewMax (4WD model), regular cab of long deck and double cab of standard deck
*6: CrewMax (2WD model) and double cab of long deck

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