

## CHAPTER 3: REAR END

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## CHAPTER 3. REAR END

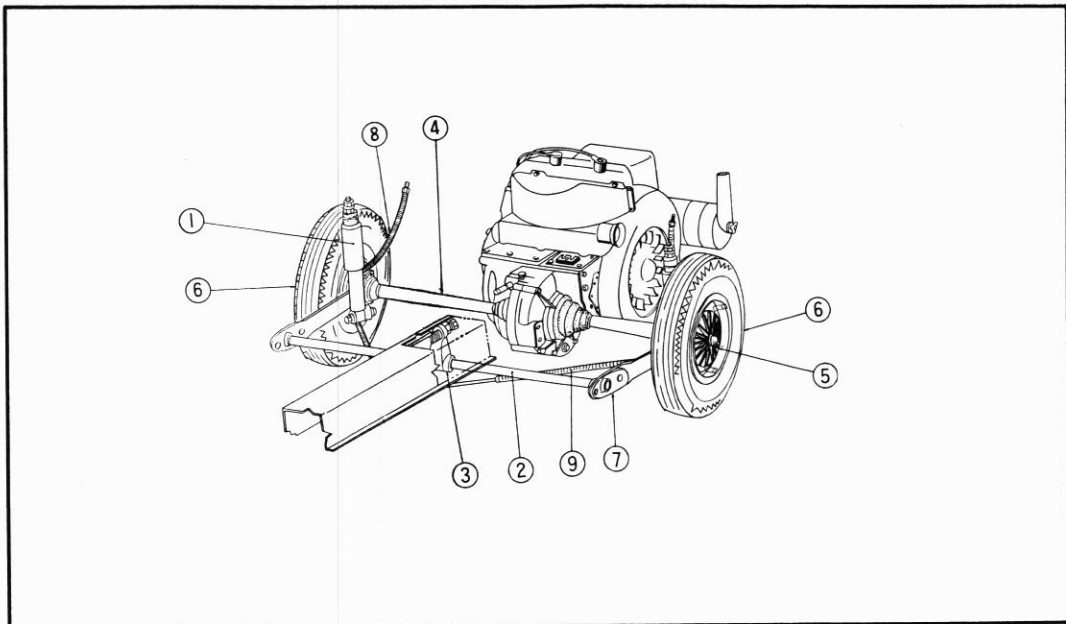
### 3-1: SPECIFICATIONS AND STANDARDS FOR REAR END

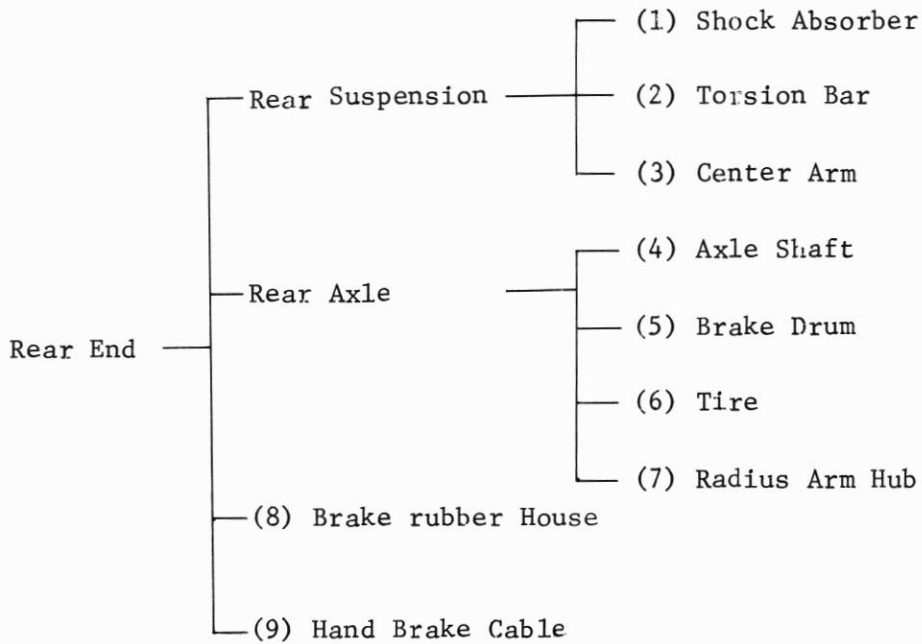
	SEDAN	CUSTOM
Suspension	Independent Suspension	Independent Suspension
Load on Empty Load	260 kg (573 lb)	285 kg (628 lb)
Rear Sheels Normal Load	380 kg (837 lb)	405 kg (892 lb)
Distance between Wheels	1070 mm (42.1 in)	1070 mm (42.1 in)
Rear Tire	4.80 x 10 - 2P	4.50 x 10 - 4P
Rear Hub Bearing (Inner)	No. 6206	No. 6206
Rear Hub Bearing (Outer)	No. 6205	No. 6205
Rear Tire Pressure	1.7 - 1.85 kg/cm <sup>2</sup> (24 - 26 psi)	1.9 - 2.0 kg/cm <sup>2</sup> (27 - 28.5 psi)

#### GENERAL DATA:

Whether empty or loaded, approximately 59 percent of the gross vehicle weight will always be bearing on the rear end. The rear suspension system is of the independent suspension type with torsion bar and incorporates shock absorbers to provide superior riding comfort and stability.

#### DRAWING SHOWING CONSTRUCTION OF REAR END





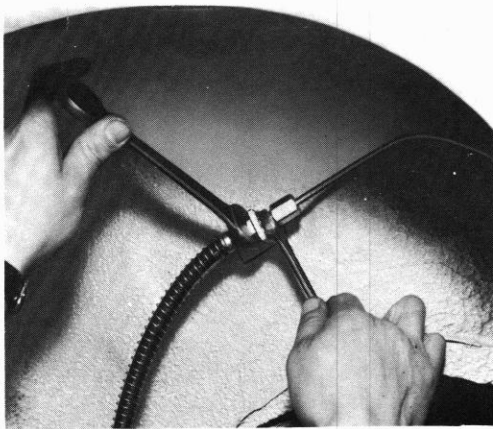
### 3-2: DISASSEMBLY AND REASSEMBLY OF REAR END

#### A. DISASSEMBLY OF REAR END ASSEMBLY

(a) Place the vehicle over a work pit or raise it on a jack.

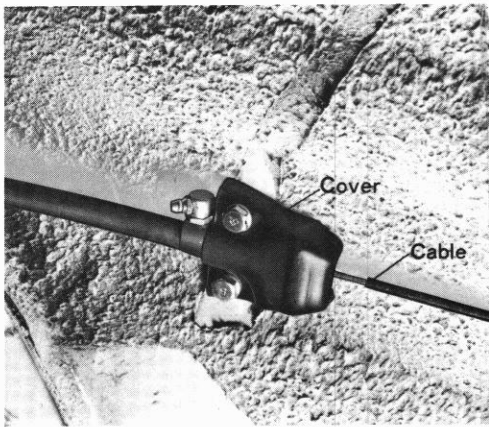


b) Remove the wheel cap. Loosen the four 8 mm wheel nuts joining the rim and brake drum. Pull off the tire.

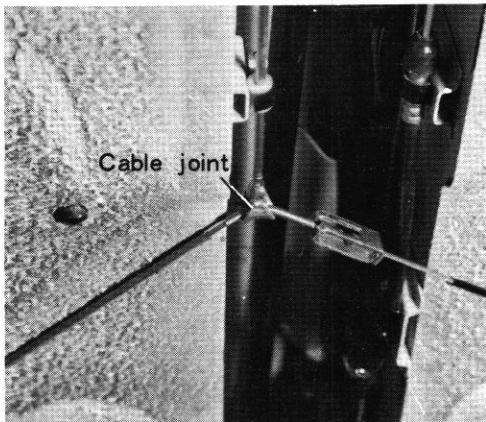


- (c) Brake hoses are installed on both the left and right sides as shown in the photos. Hold the square fitting on the rubber hose side with one wrench and loosen the joint nut with another wrench. Loosen the 10 mm nut holding the rubber hose and remove the rubber hose.

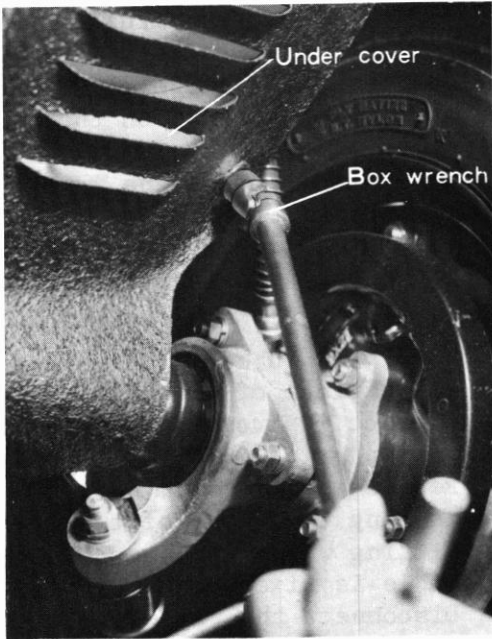
Cover the rubber hose with a clean piece of cloth to protect it from dust.



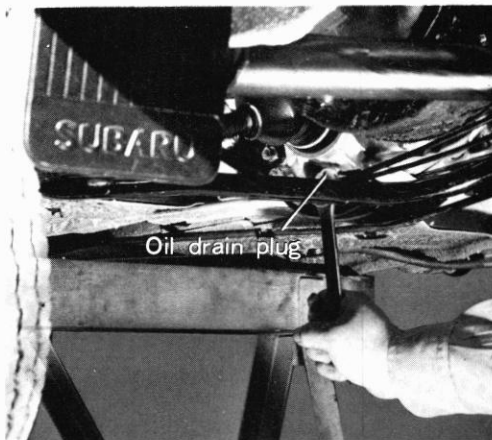
- (d) Remove the two 6 mm bolts holding the cover of the fitting where the hand brake cable is fixed to the body. Disconnect the cable.



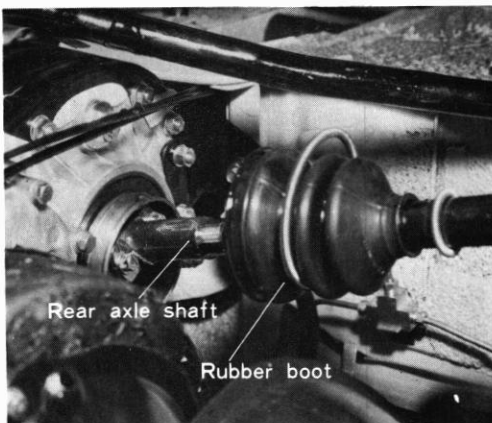
- (1) Remove the cable joint at the center part of the underfloor. The hand brake cable will drop down.



- (2) Remove the engine room under cover.



- (e) Place an appropriate oil receiving pan beneath the engine. Remove the 22 mm drain plug on the differential casing and drain out the gear box oil.



- (f) Remove the clip ring from the rubber boot on the universal joint side of the rear axle shaft and push the rubber boot away toward the tire side. This will make the next work easier.