

170 model diesel specification comparisons (1949-1955)

	170D	170Da/170Db	170DS	170S-D
Engine type	4 cyl diesel (OM 636) W136.110 OM636.915	4 cyl diesel (OM 636) W136.160 OM636.916	4 cyl diesel (OM 636) W191.110 OM636.918	4 cyl diesel (OM 636) W136.181 OM636.931
Bore and stroke	73.5 x 100mm (2.98 x 3.94 in)	75 x 100mm (2.95 x 3.94 in)	75 x 100mm (2.95 x 3.94 in)	75 x 100mm (2.95 x 3.94 in)
Displacement	1697 cc (103.5 cu in)	1767 cc (107.7 cu in)	1767 cc (107.7 cu in)	1767 cc (107.7 cu in)
Power output	38 hp (DIN) @ 3200 rpm	40 hp (DIN) @ 3200 rpm	40 hp (DIN) @ 3200 rpm	40 hp (DIN) @ 3200 rpm
Compression ratio	19:1	19:1	19:1	19:1
Torque	9.8 mkg @ 2000 rpm (70.9 ft/lb)	9.8 mkg @ 2000 rpm	10.3 mkg @ 2000 rpm	10.3 mkg @ 2000 rpm
Fuel Injection	Bosch injection pump (pre-combustion chamber)	Bosch injection pump (pre-combustion chamber)	Bosch injection pump (pre-combustion chamber)	Bosch injection pump (pre-combustion chamber)
Engine speed at 100 hm/hr	3330 rpm	3330 rpm	3330 rpm	3330 rpm
Gear ratio	I. 4.025:1 II. 2.280:1 III. 1.420:1 IV. 1.000:1	I. 4.025:1 II. 2.280:1 III. 1.420:1 IV. 1.000:1	I. 4.025:1 II. 2.280:1 III. 1.420:1 IV. 1.000:1	I. 4.025:1 II. 2.280:1 III. 1.420:1 IV. 1.000:1
Rear axle ratio	4.125:1 (spiral gears)	4.125:1 (Da=spiral gears) (Db=hypoid gears)	4.125:1 (hypoid gears)	4.11:1 (hypoid gears)
Chassis	X-shaped oval tubular	X-shaped oval tubular	X-shaped oval tubular	X-shaped oval tubular
Suspension	independent front and rear swing axle with leaf springs	independent front and rear swing axle with leaf springs	independent front and rear swing axle with coil springs	independent front and rear swing axle with coil springs
Brakes and area	drum, 564 cm2 (87.4 sq in)	drum, 736 cm2 (114 sq in)	drum, 736 cm2 (114 sq in)	drum, 736 cm2 (114 sq in)
Wheelbase	2845mm (112 in)	2845mm (112 in)	2845mm (112 in)	2845mm (112 in)
Track, front/rear	1310/1296mm (51.6/51.0in)	Da: 1310/1342mm (51.6/52.8 in) Db: 1310/1360mm (51.6/53.5 in)	1315/1435mm (51.6/56.5 in)	1310/1435mm (51.6/56.5 in)
Length	4285mm (168.7 in)	4285mm (168.7 in)	4455mm (175.4 in)	4450mm (175.2 in)
Width	1630 mm (64.2 in)	1630mm (64.2 in)	1685 mm (66.3 in)	1685mm (66.3 in)
Height	1610mm (63.4 in)	1610 mm (63.4 in)	1610mm (63.4 in)	1590mm (62.6 in)
Ground clearance	205mm	Da =205mm Db= 195 mm	185mm (7.3 in)	185mm (7.3 in)
Tires	5.50 x 16	5.50 x 16	5.50 x 16	5.50 x 16
Turning circle	11 meters	11 meters	11 meters	11 meters

Steering type and ratio	worm, 15:1	worm, 15:1	worm, 15:1	worm, 15:1
Weight	1220 kg	1245 kg	1275 kg (2805 lbs)	1280 kg
Maximum speed	100 km/hr (62 mph)	105 km/hr (65 mph)	105 km/hr (65 mph)	105 km/hr (65 mph)
Acceleration	58 sec 0-100 km	56 sec 0-100 km	56 sec 0-100 km	56 sec 0-100 km
Fuel consumption	6.1 liters/100 Km	6.1 liters/100 Km	6.1 liters/100 Km	6.1 liters/100 Km
Fuel tank capacity	39 liters	39 liters	47 liters (12.4 gallons)	47 liters (12.4 gallons)

* W136.174 OM636.916 = 170Da OTP 5/1950- 4/1952

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