

**170 model diesel specification comparisons (1949-1955)**

	<b>170D</b>	<b>170Da/170Db</b>	<b>170DS</b>	<b>170S-D</b>
<b>Engine type</b>	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
<b>Bore and stroke</b>	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)
<b>Displacement</b>	1697 cc (103.5 cu in)	1767 cc (107.7 cu in)	1767 cc (107.7 cu in)	1767 cc (107.7 cu in)
<b>Power output</b>	38 hp (DIN) @ 3200 rpm	40 hp (DIN) @ 3200 rpm	40 hp (DIN) @ 3200 rpm	40 hp (DIN) @ 3200 rpm
<b>Compression ratio</b>	19:1	19:1	19:1	19:1
<b>Torque</b>	9.8 mkg @ 2000 rpm (70.9 ft/lb)	9.8 mkg @ 2000 rpm	10.3 mkg @ 2000 rpm	10.3 mkg @ 2000 rpm
<b>Fuel Injection</b>	Bosch injection pump (pre-combustion chamber)	Bosch injection pump (pre-combustion chamber)	Bosch injection pump (pre-combustion chamber)	Bosch injection pump (pre-combustion chamber)
<b>Engine speed at 100 hm/hr</b>	3330 rpm	3330 rpm	3330 rpm	3330 rpm
<b>Gear ratio</b>	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
<b>Rear axle ratio</b>	4.125:1 (spiral gears)	4.125:1 (Da=spiral gears) (Db=hypoid gears)	4.125:1 (hypoid gears)	4.11:1 (hypoid gears)
<b>Chassis</b>	X-shaped oval tubular	X-shaped oval tubular	X-shaped oval tubular	X-shaped oval tubular
<b>Suspension</b>	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
<b>Brakes and area</b>	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)
<b>Wheelbase</b>	2845mm (112 in)	2845mm (112 in)	2845mm (112 in)	2845mm (112 in)
<b>Track, front/rear</b>	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)
<b>Length</b>	4285mm (168.7 in)	4285mm (168.7 in)	4455mm (175.4 in)	4450mm (175.2 in)
<b>Width</b>	1630 mm (64.2 in)	1630mm (64.2 in)	<b>1685 mm</b> (66.3 in)	1685mm (66.3 in)
<b>Height</b>	1610mm (63.4 in)	<b>1610 mm</b> (63.4 in)	1610mm (63.4 in)	1590mm (62.6 in)
<b>Ground clearance</b>	<b>205mm</b>	Da =205mm Db= 195 mm	185mm (7.3 in)	185mm (7.3 in)
<b>Tires</b>	5.50 x 16	5.50 x 16	5.50 x 16	5.50 x 16
<b>Turning circle</b>	11 meters	11 meters	11 meters	11 meters

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

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

*Jim Axman - updated 120705*