| 616/2 Engine | Characteristic | 616 / 12 Engine | Characteristic |
|--|----------------|---|----------------|
| Oil cooler without air baffles between cooling tubes. | Sec text | Oil cooler with reinforced base plate and air baffles between cooling tubes. | See text |
| Right and left bell - crank support brackets welded to fan housing. | See text | Left bell-crank support welded to air blower housing, right support of spring steel, bolted to fan housing. * | See text |
| Valve clearance: Inlet 0.15 mm (.006 in.) Exhaust 0.10 mm (.004 in.) | | Valve clearance: Inlet 0.10 mm (.004 in.) Exhaust 0.15 mm (.006 in.) | |
| Cooling air outlet duct with one gate. | See text | Cooling air outlet duct with two gates. | See text |
| Rocker box cover without ball valve. | See text | Rocker box cover with ball valve. | See text |

This modification also applies to Type 1600 and 1600 S - 90 engines