

Volvo Penta

Confusion over DPS-M Gear Ratios?

The 21130692 is the upper gear set for a DPS-M drive that is used on gears with a ratio of 1.68:1, 1.78:1 and 1.95. (The lower unit of the drive is what determines what ratio the whole drive is.)

The 21130693 is the upper gear set for a DPS-M drive that has a ratio of 2.32:1 only.

The 2.32:1 gear set is sort of a rare gear ratio. The 2.32:1 DPS-M drive ratio was usually used only on small gas 4.3 engines or early D3-140 or some D3-160 diesels.

The vast majority of DPS-M drives were either 1.95:1 (probably 65%) and for the larger horsepower engines 1.68:1 and 1.78:1 ratios (probably 25%).

The way it works is that there are two different upper gears that cover all the ratios combined with three lower units that determine what the entire gear ratio.

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