

Download Manual Transmission First Gear

A manual transmission, also known as a manual gearbox, a standard transmission or colloquially in some countries (e.g. the United States) as a stick shift, is a type of transmission used in motor vehicle applications. How Manual Transmissions Work. The picture to the left shows how, when shifted into first gear, the purple collar engages the blue gear to its right. As the graphic demonstrates, the green shaft from the engine turns the layshaft, which turns the blue gear to its right. This gear transmits its energy through the collar to drive... The symptom of manual transmission shifting hard can occur due to a problem with the clutch or gear systems. The common causes of this problem are further detailed below: 1. The clutch systems. The clutch system of a vehicle is responsible for disengaging and engaging power to the transmission while in between the flywheel of the engine.