



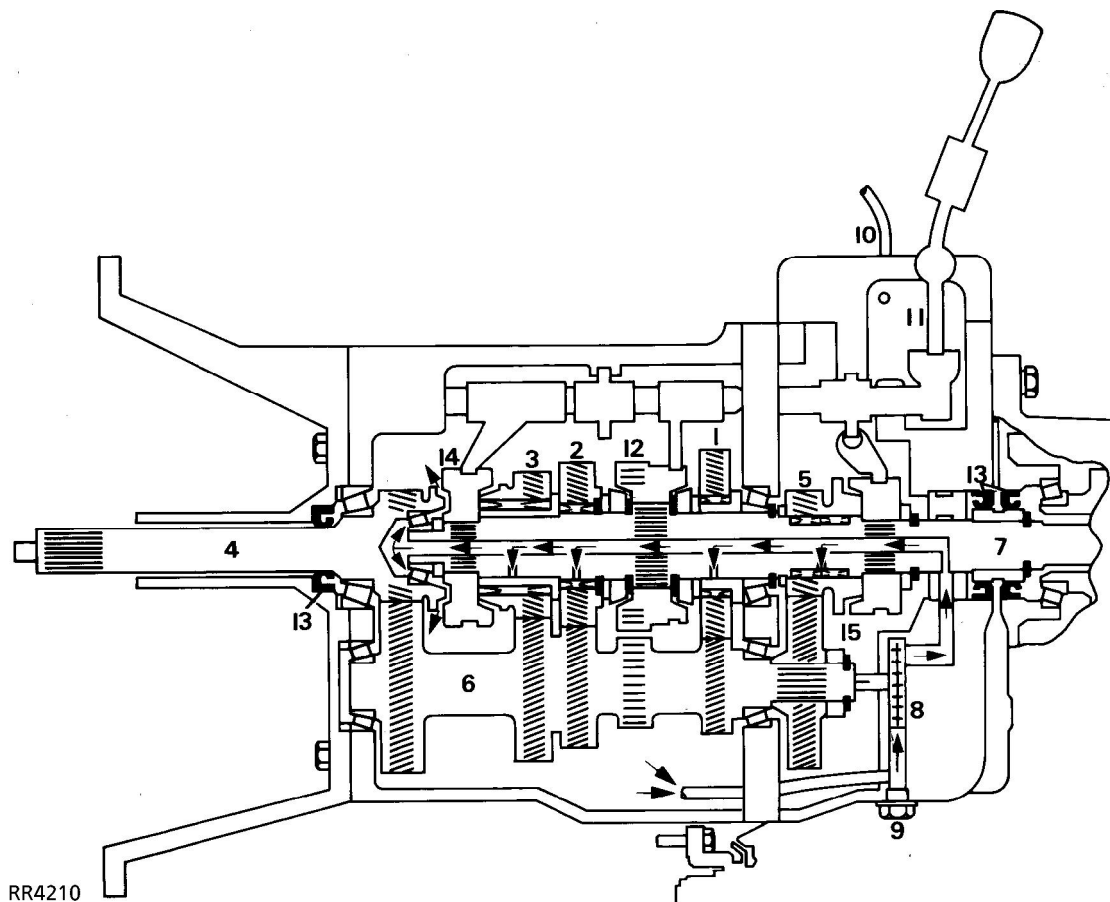
MANUAL TRANSMISSION

Description

The all synchromesh five speed manual gearbox unit, is married to a LT230T two speed transfer gearbox.

All the gears including reverse run on needle roller bearings and the main, layshaft and primary shafts are supported by tapered roller bearings.

The whole of the geartrain is lubricated through drillings in the shafts, supplied by a low pressure pump driven from the rear of the layshaft. The gear change has a single rail selector and spool type interlock. The main and transfer gearboxes ventilate through nylon pipes, which terminate high up in the engine compartment to prevent water entry when the vehicle is operating in adverse conditions.



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|------------------------|----------------------------|
| 1. Mainshaft 1st gear | 9. Drain plug |
| 2. Mainshaft 2nd gear | 10. Ventilation pipe |
| 3. Mainshaft 3rd gear | 11. Single rail gear shift |
| 4. Primary input shaft | 12. 1st/2nd synchromesh |
| 5. Mainshaft 5th gear | 13. Oil seals |
| 6. Layshaft | 14. 3rd/4th synchromesh |
| 7. Mainshaft | 15. 5th gear synchromesh |
| 8. Lubrication pump | |