CLUTCH UNIT

DESCRIPTION

A Laycock single dry plate diaphragm clutch is fitted. (See Fig. 1.)

The pressure on the driven plate is exerted by the diaphragm operating on the lugs of the pressure plate.

Operation of the withdrawal mechanism depresses the centre of the diaphragm and releases the pressure on the pressure plate.

By this method the diaphragm acts as both a release mechanism and for loading the pressure plate, and eliminates use of springs.

The operation and construction of the assembly is simplified, and a considerable reduction is made in the operating effort.

No adjustment is either provided for, or is necessary.

The release bearing used is entirely self lubricating.

Hydraulic withdrawal mechanism is employed, consisting of a master cylinder, directly connected to the pedal, with the fluid reservoir carried on the front of the luggage compartment, for ease of access (See Fig. 2).

The main hydraulic pipe runs from the master cylinder to the slave cylinder, which is connected by a push rod to the withdrawal lever.

Provision for bleeding the system is made on the slave cylinder (See Fig. 4).

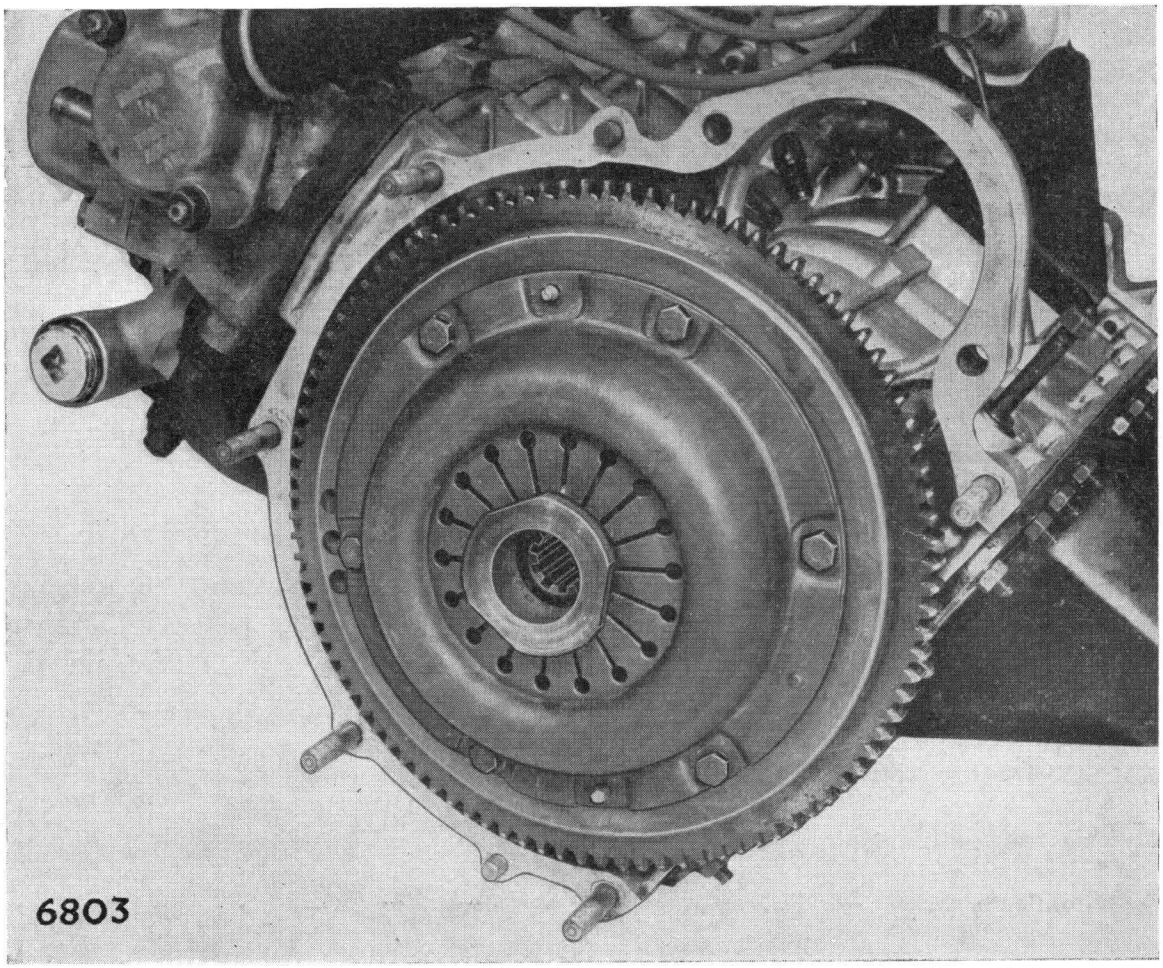

Fig. 1. *General view of clutch assembly*