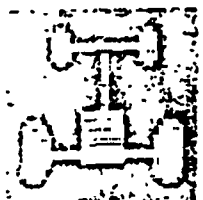




Shop



Pro-Drive

Pro-Drive

Pro-Drive

Pro-Drive

PLAINTIFF'S
EXHIBIT
WV-05990

Escort/Lynx, EXP/117



PLAINTIFF'S
EXHIBIT
117400

MANUAL TRANSAXLE GROUP



SECTION TITLE	SECTION NO.	SECTION TITLE	SECTION NO.
CLUTCH	16-02	MTX TRANSAXLE	16-35
MECHANICAL CLUTCH LINKAGE	16-03		

SECTION 16-02 CLUTCH

SUBJECT	PAGE	SUBJECT	PAGE
DIAGNOSIS	02-3	REMOVAL AND INSTALLATION (Cont'd.)	
OPERATION		Release Bearing	02-4
Clutch	02-1	Release Fork and Lever	02-4
REMOVAL AND INSTALLATION		SPECIAL SERVICE TOOLS	02-7
Clutch Components	02-4	SPECIFICATIONS	02-7
Pressure Plate and Disc	02-5	VEHICLE APPLICATION	02-1

VEHICLE APPLICATION

Escort/Lynx, EXP/LN7.

OPERATION

CAUTION: Dust and dirt conditions present on clutch components may contain asbestos fibers that can represent a potential health hazard when made airborne by cleaning with compressed air. All clutch components should therefore be cleaned with a vacuum cleaner suitable for use with asbestos fibers. This type of vacuum cleaner is available through the Rotunda Dealer Equipment Catalog. Dust and dirt from the vacuum cleaner should be disposed of in a manner that prevents dust exposure. Service performed on clutch components should be done using properly exhaust ventilated equipment.

Clutch

The primary function of the clutch system is to couple and uncouple engine power to the transaxle upon driver command.

Fig. 1 shows the clutch system in its engaged (pedal up) position and identifies the individual components and their functions. In this position, engine output is coupled to the transaxle input shaft by virtue of the friction existing between the clutch disc facings and the flywheel/pressure plate assembly. The extent of this friction is directly related to the composition of the facing material and the magnitude of the clamping forces exerted by the pressure plate and flywheel on the facings. These are the factors that limit the amount of torque that can be transmitted without slippage.

The clamping force is obtained from a Belleville spring contained within the pressure plate assembly. This force is developed during the attachment of the pressure plate