IB271

REVERSE FLUID INJECTION

CLUTCH HYDRAULIC RELEASE SYSTEMS

Requirements:

1. A tool that is designed to inject the system with a continuous flow of fluid only.
2. Slave cylinder must be equipped with a bleed screw or port that allows the pump to inject the fluid.

NOTE: This technique is required on certain applications but we do not recommend it for systems that have built in air traps like the Ford Ranger.

Read and follow all manufacturer's instructions that came with the reverse fluid injection tool.

Typically the tool must be primed and purged of air prior to use. The discharge line is then connected to the bleed screw. MAKE SURE THE BLEED SCREW IS CLEAN AND FREE OF DEBRIS PRIOR TO STARTING. Operate the pump injecting the fluid into the system from the bottom up. Observe the fluid reservoir for fluid coming in from the system. Close the bleed screw and test for clutch release.

Identifying systems that may not be suited for reverse fluid injection.

Typically this technique works best on a system that has a design that does not create an air trap. An air trap would be a high spot anywhere in the system that traps the air by allowing fluid to flow under or around the air bubble.

PLEASE REFER TO FACTORY SERVICE MANUALS FOR DETAILED APPLICATION SPECIFIC PROCEDURES.

This bulletin is to assist in the safe and effective servicing of this application. Transmissions, transaxles and transfer cases are heavy and their safe removal and replacement requires the use of proper tools, equipment and procedures to prevent injury and damage. Always read and follow instruction bulletins and factory service manuals for detailed clutch servicing procedures.

Bulletins and any additional information:

www.clutchtechsupport.com