

EAGLE 4HP-18 SECOND GEAR STARTS (CLUTCH STACK)

COMPLAINT: Transmission starts in 2nd gear and binds up in manual low after overhaul.

CAUSE: The diaphragm return spring in the C clutch (Intermediate Clutch), may be mis-positioned causing the C clutch to remain applied mechanically.

CORRECTION: Assemble the C clutch pack with a steel plate going first onto the pump where the C clutch piston is located (See Figure 1). Then the diaphragm return spring which sits down onto the steel plate with the bevel up (like a bowl) as shown in figure 2. Once the diaphragm return spring is installed, the rest of the clutch pack can be installed starting with a lined plate.

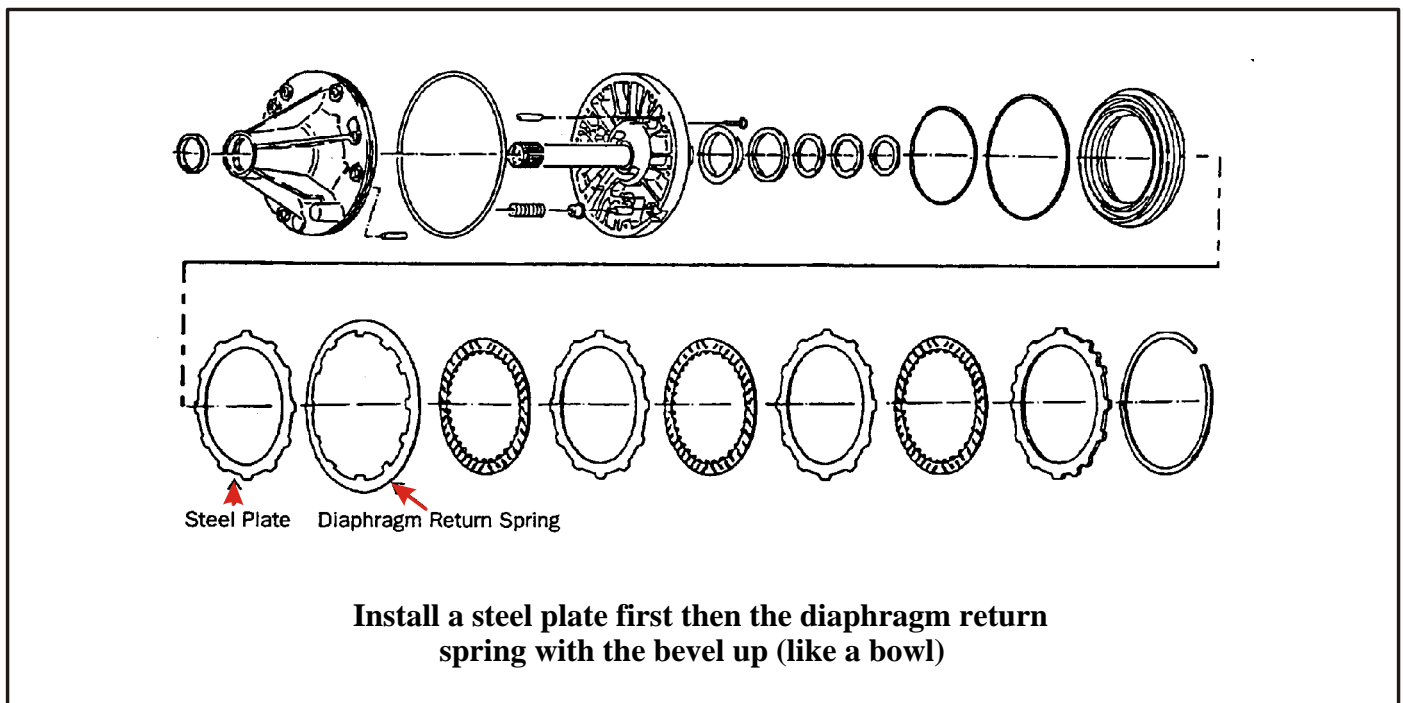


Figure 1

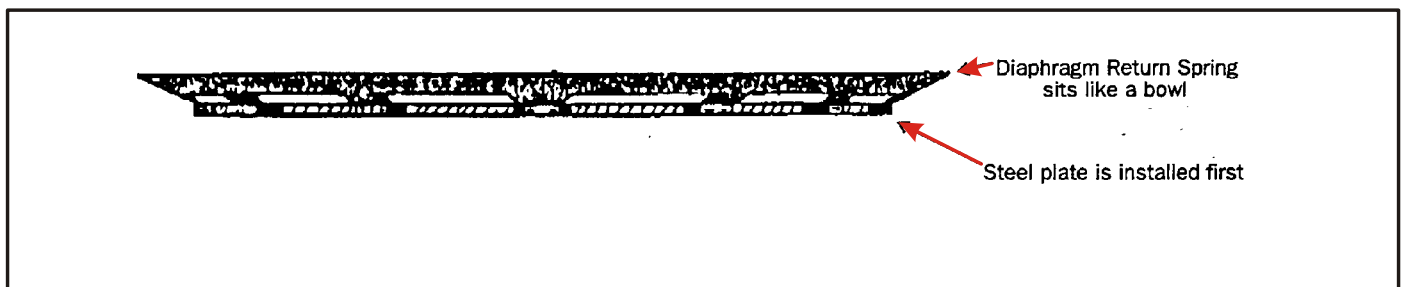


Figure 2

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