FORD AXOD

INTERMEDIATE CLUTCH PACK CHANGE

CHANGE: Beginning in model year 1988, a "Wave Plate" was added to the intermediate clutch pack on 3.8L models, and a flat "Spacer Plate" was added on 3.0L models.

REASON: To help cushion the l-2 shift on 3.8L models.

PARTS AFFECTED:

(1) WAVE PLATE/SPACER PLATE - Either a wave plate or a flat spacer plate was added, depending on engine size. 3.8L models recieved a wave plate, and 3.0L models recieved a flat spacer plate. The wave plate used in the forward and intermediate clutch packs are very similar. To identify them measure the thickness of each. The forward wave plate will measure approximately .075" thick, and the intermediate wave plate will measure approximately .062" thick, as shown in Figure 3. The flat spacer plate for the 3.0L models measures .118" thick, as shown in Figure 5.
Refer to Figure 5 for proper position in the clutch pack, of the wave plate or the spacer plate, as some manuals are wrong.

(2) INTERMEDIATE CLUTCH HUB - Overall height was made shorter by approximately .060" with no identifying marks. The hub MUST be measured with a dial caliper or depth gage. The 1st design hub will measure 1.627"-1.640", and the 2nd design hub will measure 1.568"-1.580" as shown in Figure 1.

(3) INTERMEDIATE CLUTCH STEEL PLATES - Thickness was reduced by .020" to help accommodate the added wave plate on 3.8L models, or the added spacer plate in 3.0L models. The 1st design steel plates are .090" thick, and the 2nd design steel plates are .070" thick as shown in Figure 2.

(4) INTERMEDIATE CLUTCH PRESSURE PLATE - Thickness was reduced by .065" to help accommodate the added wave plate on 3.8L models, or the added spacer plate on 3.0L models.
The 1st design pressure plate is .190" thick, and the 2nd design pressure plate is .125" thick as shown in Figure 4.

INTERCHANGEABILITY:

YOU CANNOT INTERCHANGE THE INTERMEDIATE CLUTCH COMPONENTS LISTED ABOVE WITH THOSE OF ANY PREVIOUS DESIGN LEVEL.
For model years986, 1987, and 1989 transaxles built BEFORE 04/18/89, the intermediate clutch WILL NOT have a wave plate nor spacer plate, and all use 1st design components. For all 1988 models and 1989 model transaxles built AFTER 04/17/89, the intermediate clutch MUST have a wave plate or spacer plate, and all use 2nd design components.

Refer to Page 3 to determine which transaxles use 1st design components and which use 2nd design components.

SERVICE INFORMATION:

INTERMEDIATE CLUTCH WAVE PLATE (3.8L ENGINE) E8DZ-7E085-A
INTERMEDIATE CLUTCH SPACER PLATE (3.OL ENGINE) E8DZ-7B437-A
INTERMEDIATE CLUTCH STEEL PLATE (1ST DESIGN .090") E6DZ-7B442-B
INTERMEDIATE CLUTCH STEEL PLATE (2ND DESIGN .070") E6DZ-7B442-A
INTERMEDIATE CLUTCH HUB (1ST DESIGN 1.627"-1.640") E6DZ-7B067-A
INTERMEDIATE CLUTCH HUB (2ND DESIGN 1.568"-1.580") E8DZ-7B067-A
INTERMEDIATE CLUTCH PRESSURE PLATE (1ST DESIGN .190"> E6DZ-7B066-B
INTERMEDIATE CLUTCH PRESSURE PLATE (2ND DESIGN -125") ...E8DZ-7B066-A
INTERMEDIATE CLUTCH FRICTION PLATE (ALL MODELS) E8DZ- 7B164-A

NOTE: CLUTCH PACK CLEARANCE;
NON WAVE PLATE (1ST DESIGN) . . . . . .044"- .111"
WAVE PLATE/SPACER PLATE (2ND DESIGN) . . .049"- .119"

Figure 1

86-87
INTERMEDIATE CLUTCH COMPONENTS. ALL MODELS
5 Steel Plates (.090" Thick) E6DZ-7B442-B
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 1st Design (1.627"-1.640" Overall Height) E6DZ-7B067-A
1 Pressure Plate, 1st Design (.190" Thick) E6DZ-7B066-A

1988
INTERMEDIATE CLUTCH COMPONENTS, 3.8L ENGINE ONLY
1 Wave Plate (.157" Thick) E8DZ-7E085-A
5 Steel Plates (.070" Thick) E6DZ-7B442-A
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 2nd Design (1.568"-1.580" Overall Height) E8DZ-7B067-A
1 Pressure Plate, 2nd Design (.125" Thick) E8DZ-7B066-A

1988
INTERMEDIATE CLUTCH COMPONENTS, 3.OL ENGINE ONLY
1 Flat Spacer Plate E8DZ-7B437-A
5 Steel Plates (.070" Thick) E6DZ-7B442-A
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 2nd Design (1.568"-1.580" Overall Height) E8DZ-7B067-A
1 Pressure Plate, 2nd Design (.125" Thick) E8DZ-7B066-A

1989
INTERMEDIATE CLUTCH COMPONENTS (BEFORE 04/18/89), ALL MODELS
5 Steel Plates (.090" Thick) E6DZ-7B442-B
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 1st Design (1.627"-1.640" Overall Height) E6DZ-7B067-A
1 Pressure Plate, 1st Design (.190" Thick) E6DZ-7B066-A

1989
INTERMEDIATE CLUTCH COMPONENTS (AFTER 04/17/89), 3.8L ENGINE ONLY
1 Wave Plate (.157" Thick) E8DZ-7E085-A
5 Steel Plates (.070" Thick) E6DZ-7B442-A
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 2nd Design (1.568"- 1.580" Overall Height) E8DZ-7B067-A
1 Pressure Plate, 2nd Design (.125" Thick) E8DZ-7B066-A

1989
INTERMEDIATE CLUTCH COMPONENTS (AFTER 04/17/89), 3.0L *ENGINE ONLY*
1 Flat Spacer Plate E8DZ-7B437-A
5 Steel Plates (.070" Thick) E6DZ-7B442-A
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 2nd Design (1.568"-1.580" Overall Height) E8DZ-7B067-A
1 Pressure PLate, 2nd Design (.125" Thick) E8DZ-7B066-A

1990
INTERMEDIATE CLUTCH COMPONENTS, 3.8L ENGINE ONLY
1 Wave Plate (.157" Thick) E8DZ-7E085-A
5 Steel Plates (.070" Thick) E6DZ-7B442-A
5 Friction Plates E8DZ-7B164-A
1 Clutch Hub, 2nd Design (1.568"-1.580" Overall Height) E8DZ-7B067-A
1 Pressure Plate, 2nd Design (.125" Thick) E8DZ-7B066-A

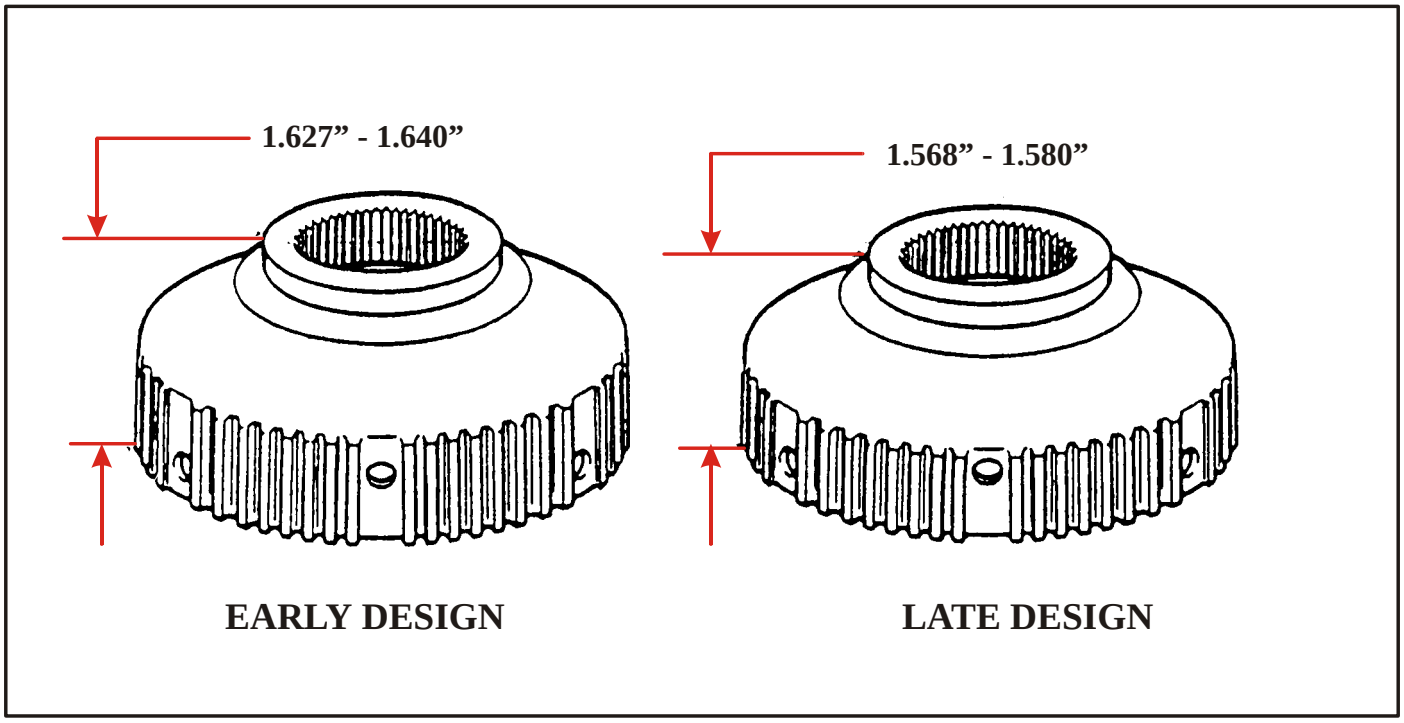

FIGURE 1

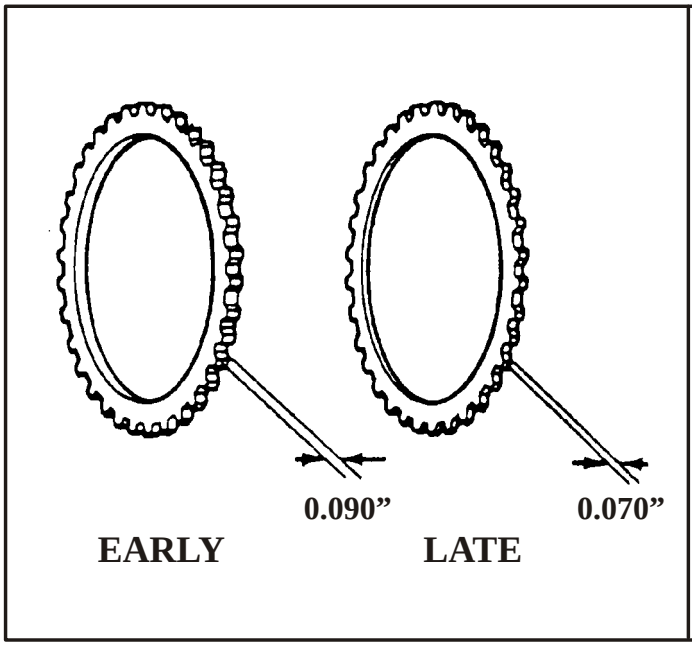

FIGURE 2

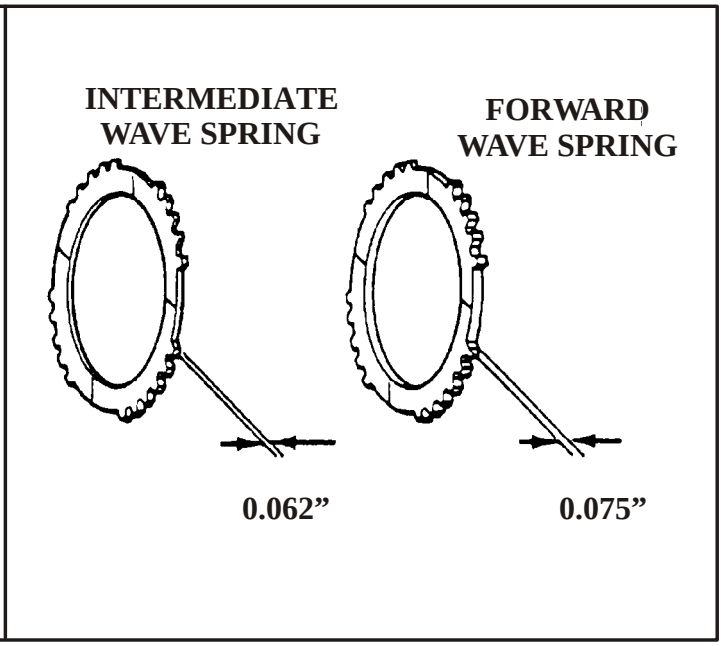

FIGURE 3

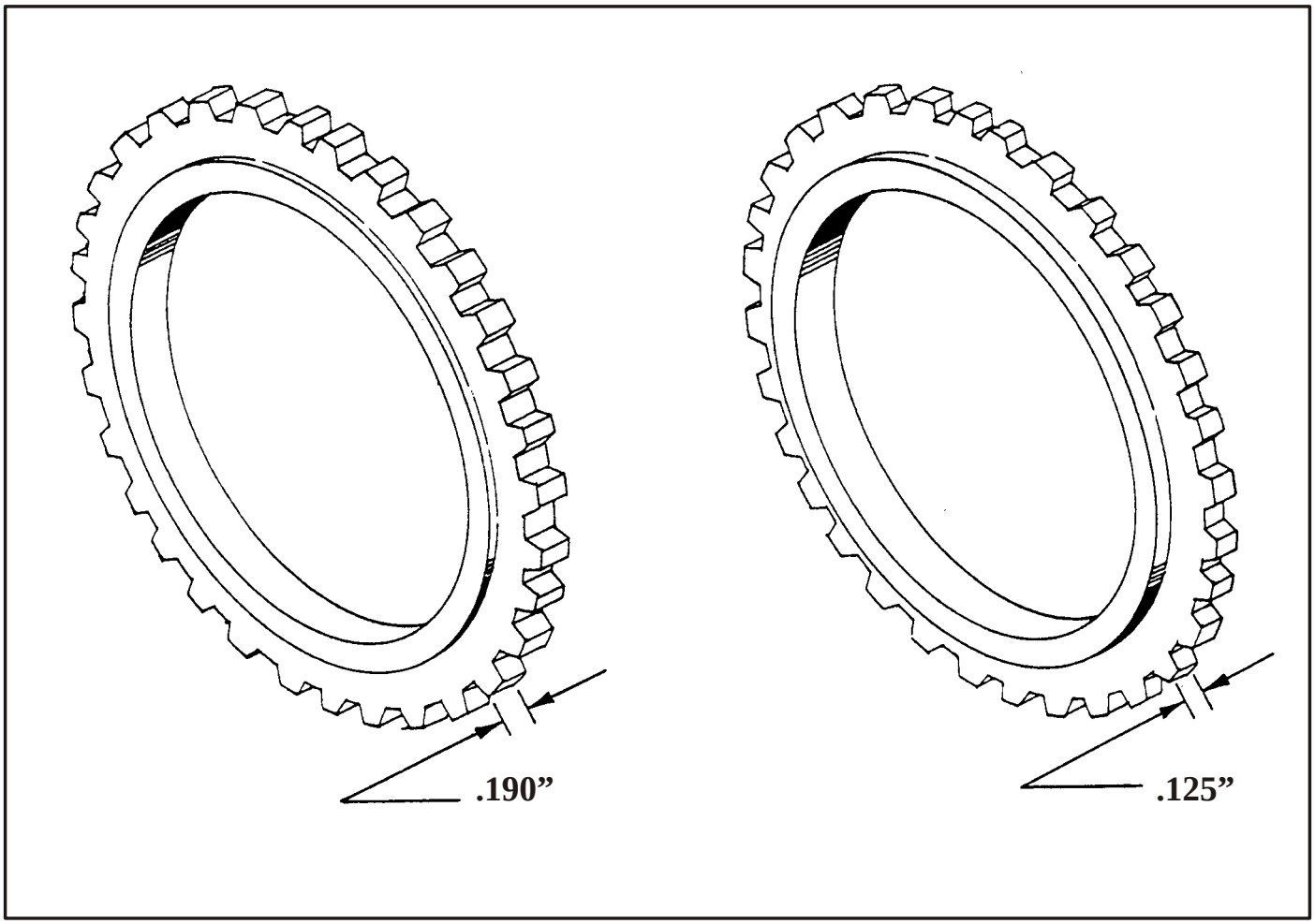

FIGURE 4

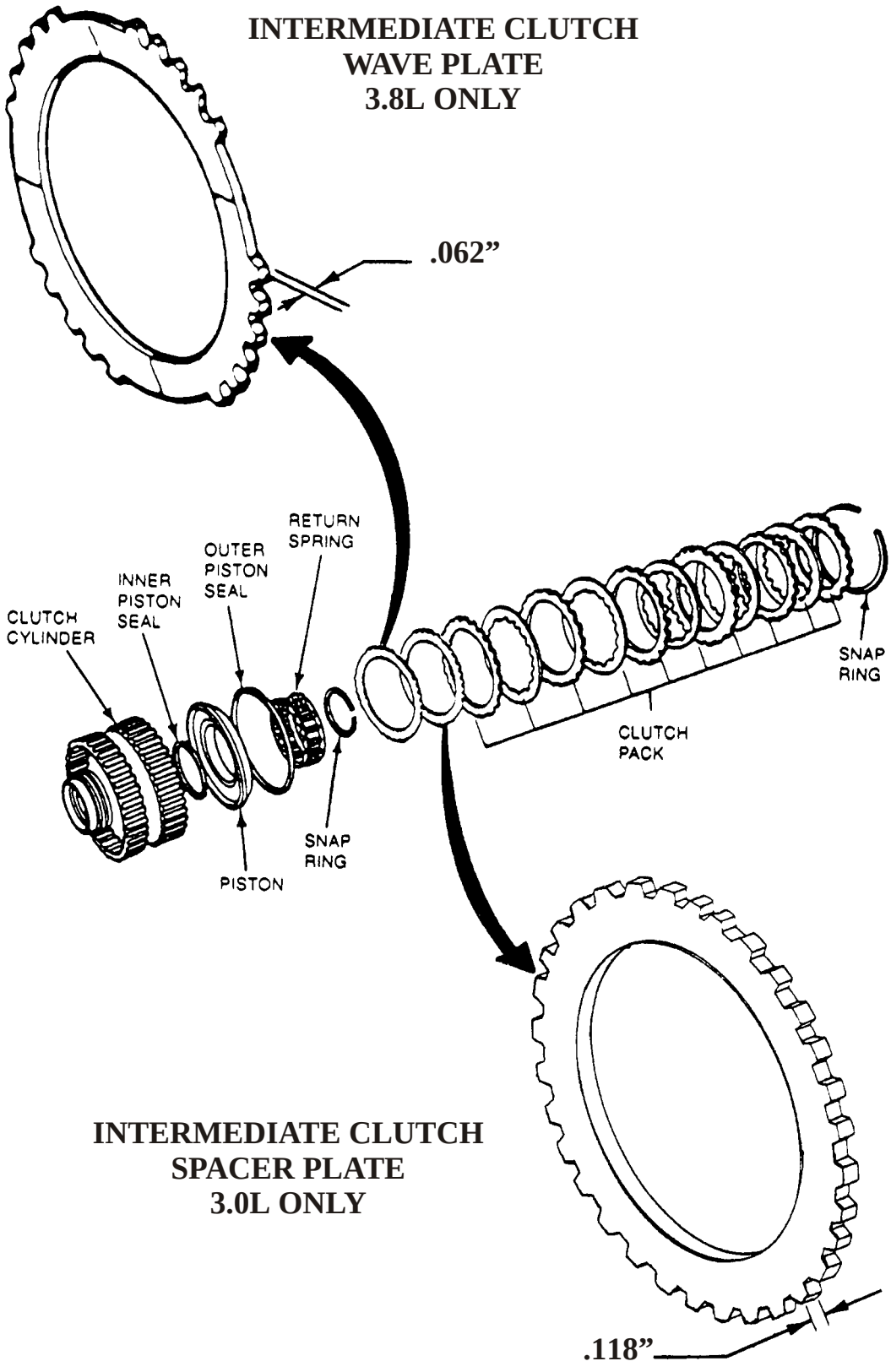
INTERMEDIATE CLUTCH
WAVE PLATE
3.8L ONLY
.062”
RETURN SPRING
OUTER PISTON SEAL
INNER PISTON SEAL
CLUTCH CYLINDER
SNAP RING
CLUTCH PACK
SNAP RING
PISTON
INTERMEDIATE CLUTCH
SPACER PLATE
3.0L ONLY
.118”

FIGURE 5