



Technical Service Information

THM 4L80-E/4L80-EHD PUMP BODY AND PUMP COVER IDENTIFICATION FOR SERVICE

CHANGE: Beginning at start of production for all 1997 model THM 4L80-E/4L80-EHD transmissions, the Oil Pump Body and the Oil Pump Cover (stator) recieved worm track configuration changes to accommodate a front lube, center lube and rear lube system. The front lube is what affected both of the oil pump parts.

General Motors has now released an Oil Pump Cover to service 1991-1996 model units, and the service pump cover has a worm track configuration that can easily be mistaken for the 1997 model pump cover. There are however ***machining*** differences in the two oil pump covers. Great care must be used if it is necessary to replace these parts.

REASON: Allows the manufacturer to use one casting mold, to service all models.

PARTS AFFECTED:

- (1) OIL PUMP COVER - 1997-Up models ***will*** have the slot machined between the pump cover passages and there ***will*** be a hole drilled in the number 13 cavity, as shown in the top illustration in Figure 1. The 1991-1996 pump cover, part number 24205398, will not have the slot machined and ***no hole drilled*** in cavity 13, as illustrated in Figure 2. However, we have seen one 91-96 oil pump cover for service that had the slot machined but no hole drilled in cavity 13, which is still okay to use.
- (2) OIL PUMP BODY AND GEARS - One pump body, part number 24211287, will back service all models of the THM 4L80-E/4L80-EHD transmission and is illustrated in Figure 3.

INTERCHANGEABILITY:

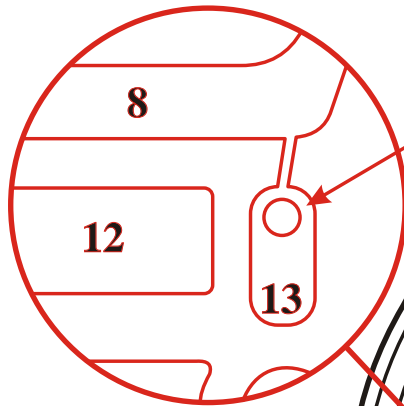
The 1997-Up Oil Pump Cover will fit ***only*** 1997-Up models and cannot be used to back service previous models. The 1991-1996 service Oil Pump Cover will fit ***only*** 91-96 models and cannot be used to service the later models. Great care must be used if it is necessary to replace the parts listed above.

SERVICE INFORMATION:

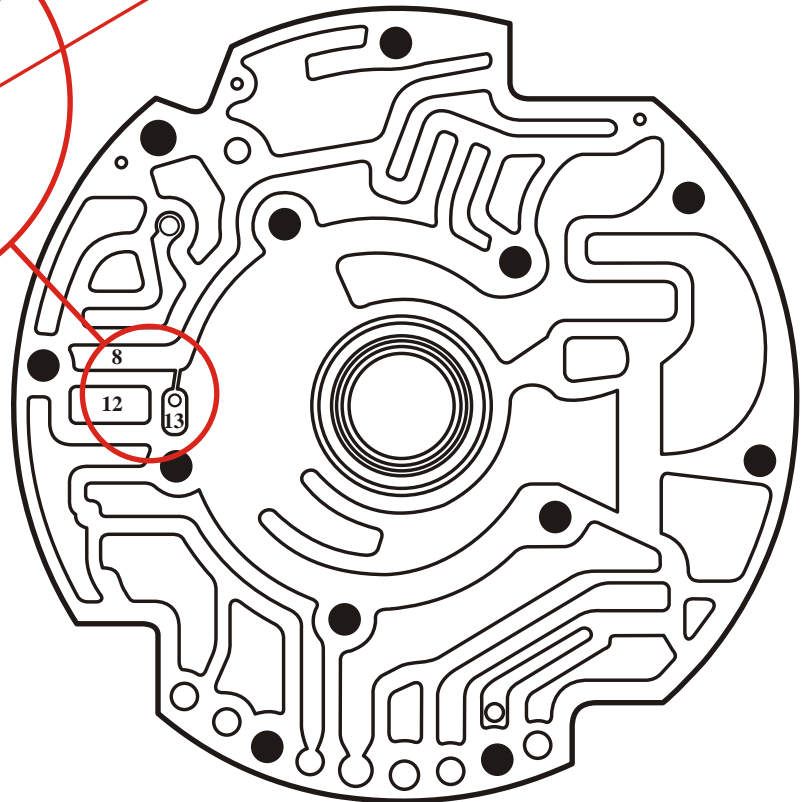
Oil Pump Body, All Models	24211287
Oil Pump Cover, 1997-Up Models Only	24204303
Oil Pump Cover, 1991-1996 Models Only	24205398

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Lube Hole is drilled and the slot must be cut into casting.

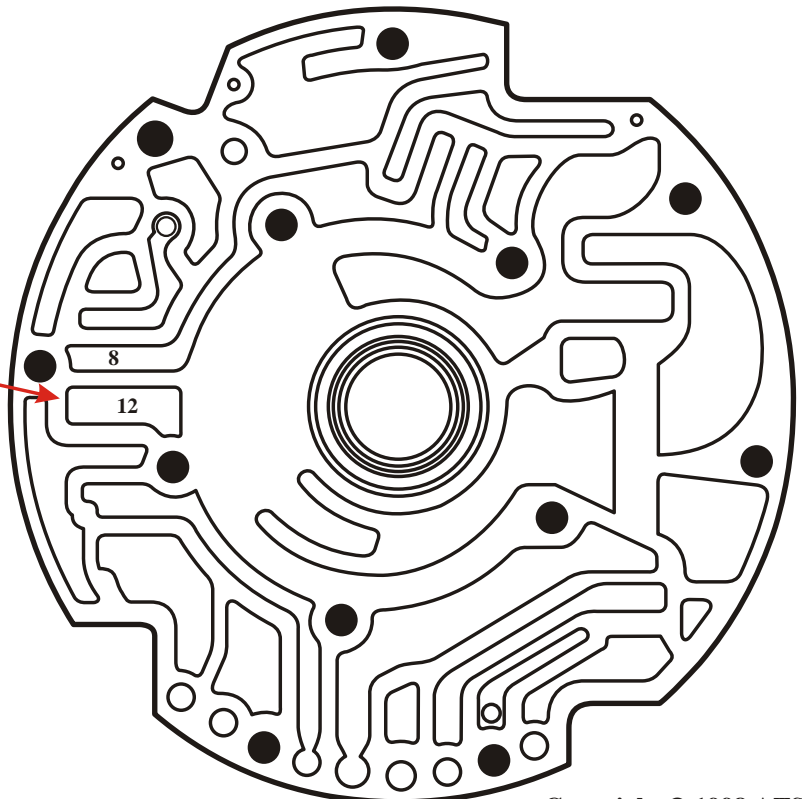


**NEW DESIGN PUMP COVER TO
SERVICE 1997-UP MODELS ONLY**
Part Number 24204303



- 8. REGULATED CONVERTER FEED PASSAGE
- 12. TO COOLER PASSAGE
- 13. FRONT LUBE PASSAGE

PREVIOUS DESIGN PUMP COVER
(No Longer Available For Service)



- 8. REGULATED CONVERTER FEED PASSAGE
- 12. TO COOLER PASSAGE

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Figure 1

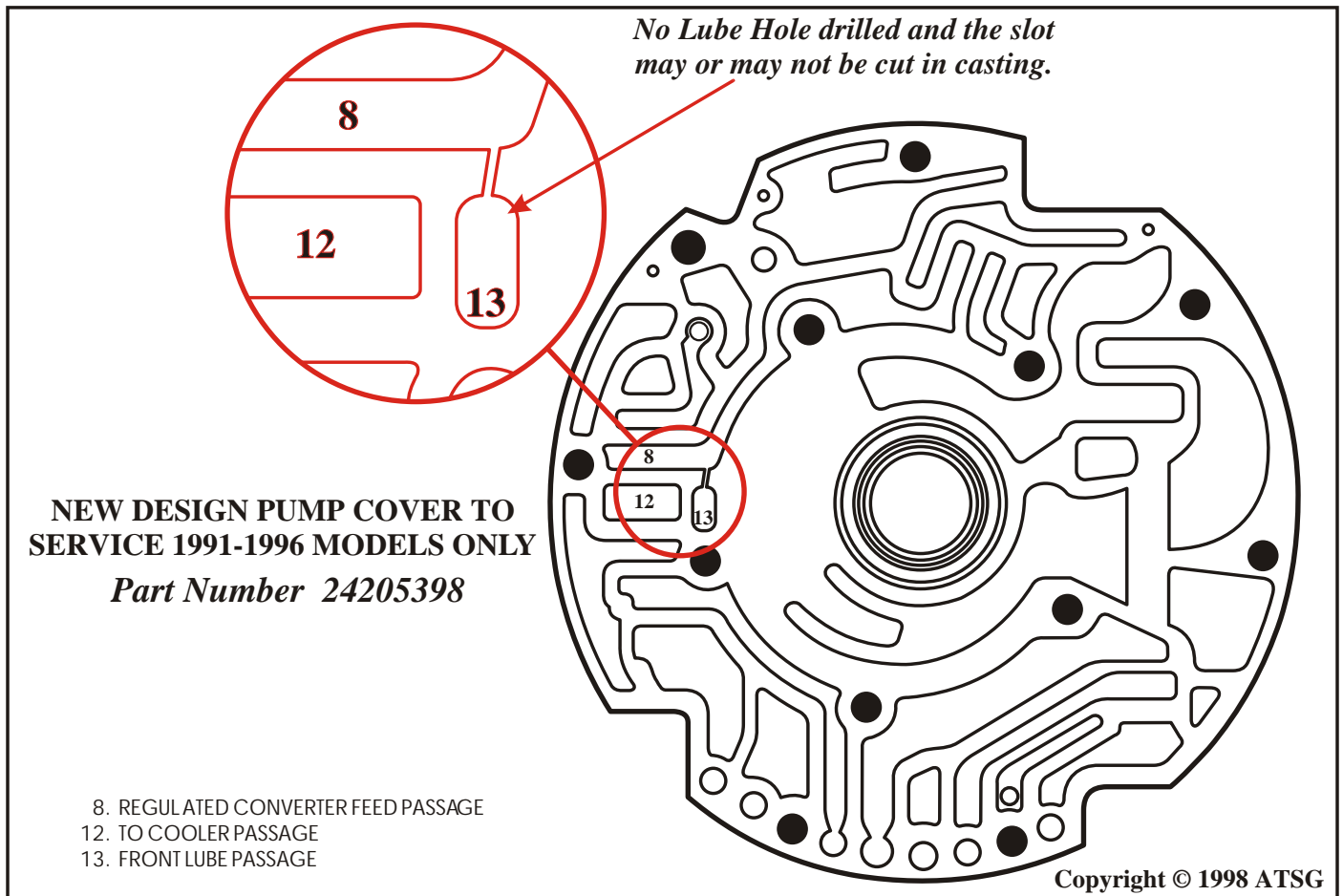
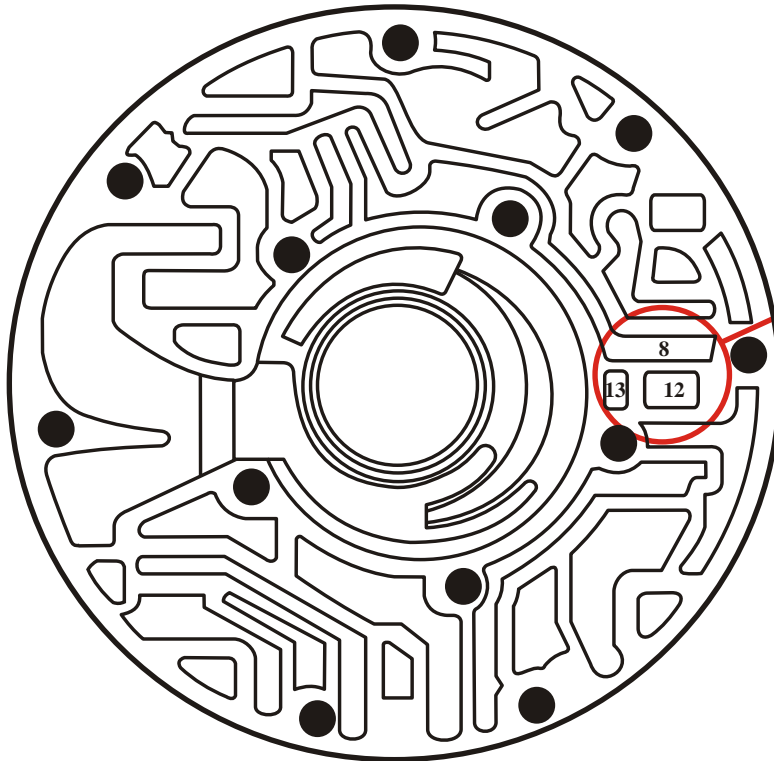
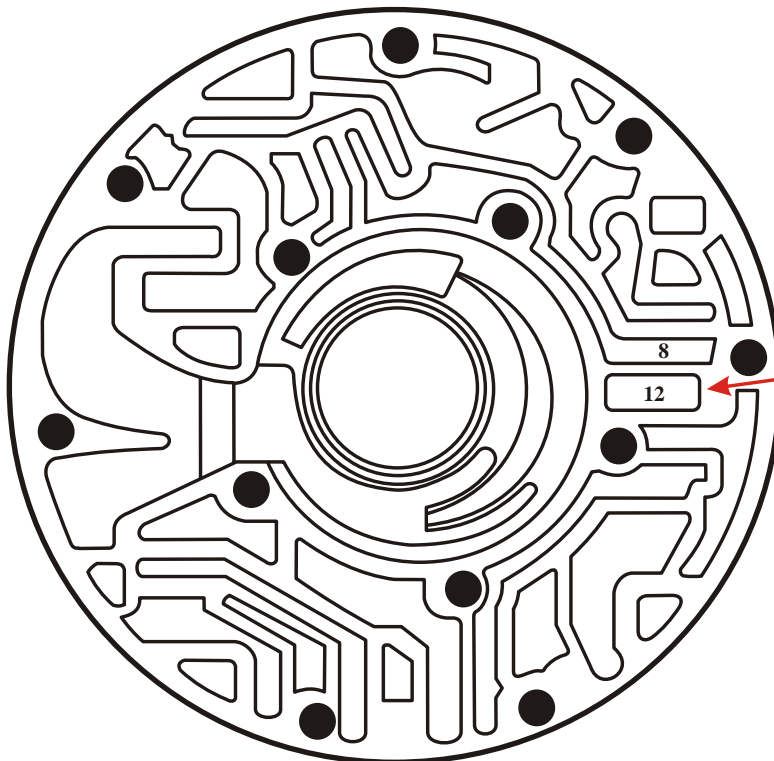


Figure 2



NEW DESIGN PUMP BODY
(Will Back Service All Models)
Part Number 24211287

- 8. REGULATED CONVERTER FEED PASSAGE
- 12. TO COOLER PASSAGE
- 13. FRONT LUBE PASSAGE



PREVIOUS DESIGN PUMP COVER
(No Longer Available For Service)

- 8. REGULATED CONVERTER FEED PASSAGE
- 12. TO COOLER PASSAGE

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Figure 3