

TO: SERVICE MANAGER  TECHNICIANS   
PARTS MANAGER

No. 88-17

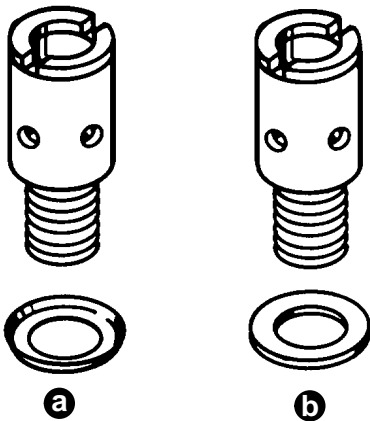
## MerCarb Flooding

When servicing a MerCarb for flooding the following items should be checked for other than normal dirt and worn parts.

Metal chips in needle/seat from the filter nut.

**Float level:** Solid type needle 3/8 in. (9.5mm) (Not 1/4 as stated in other publications) spring type needle 5/8 in. (15.8mm).

Inspect gasket under seat fitting. If gasket is "cup shaped" replace it. The gasket "cups" because the O.D. of the gasket is too large. Order new needle/seat P/N 3302-9407.

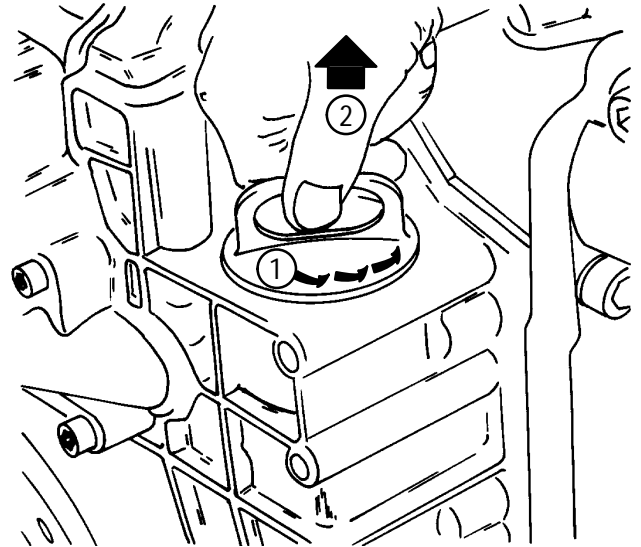


a - Cupped Gasket (Oversized O.D.)  
b - Flat Gasket (Correct O.D.)

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## Hurth Transmission Fluid and Filter Change

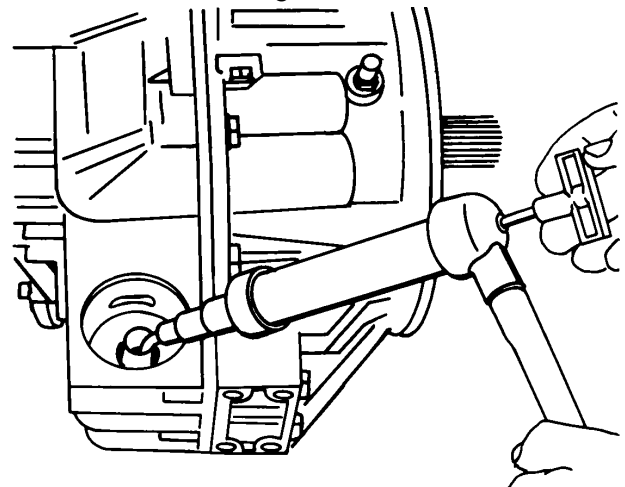
1. Remove oil filter from housing (Figure 1) by turning counterclockwise and pulling up at the same time.



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Figure 1.

2. Push suction pump through suction pipe and down to the bottom of housing. (Figure 2) Pump fluid from housing.



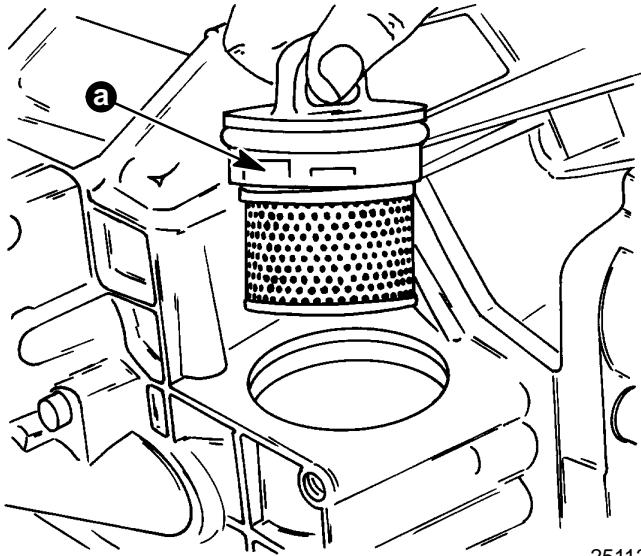
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Figure 2.

**IMPORTANT: Fluid capacity and type is approximately 1 gallon (3.5L) of A.T. F., such as:**

**Dexron 11-D  
Ford M2C-33G  
Allison C-3**

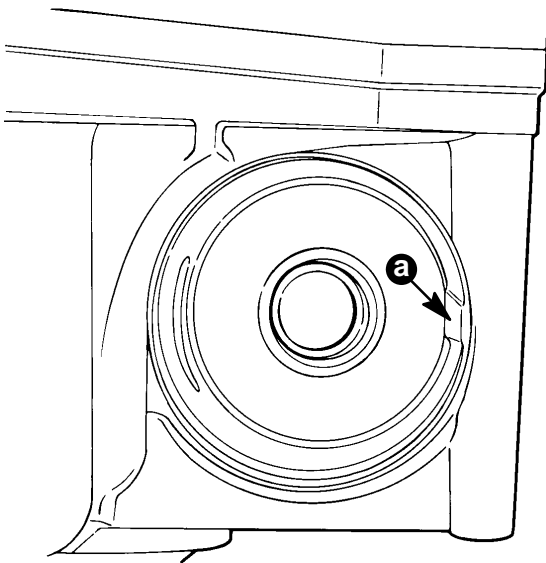
3. Fill transmission to proper level, thru oil filter cavity.
4. a. Install filter (Figure 3) with flat spot on filter cap in line with flat surface inside of housing. (Figure 4)



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a - Flat on Filter Cap

**Figure 3.**

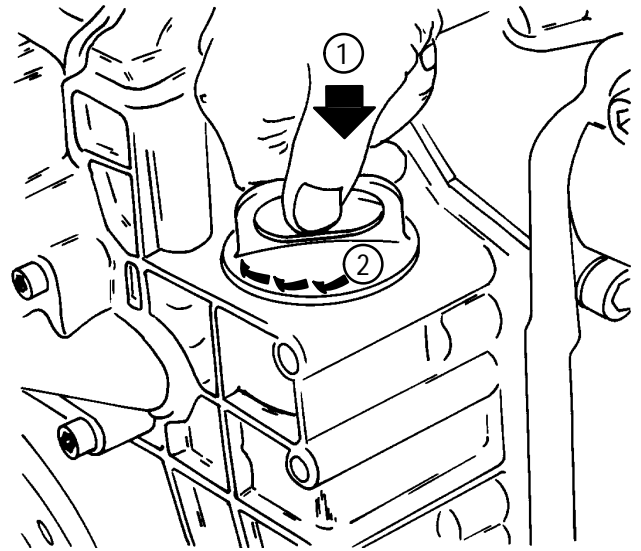


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a - Flat on Housing

**Figure 4.**

- b. Tighten filter by pushing down and turning clockwise until tight. (Figure 5)



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**Figure 5.**

5. Check fluid level. Fluid should be between "Minimum" and "Maximum" marks on dipstick.