

Transmission and Power Steering External In-Line Filter

Metal Cooler Lines:

1. Locate cooler return line using chart.
2. Select a location that is easily accessible and will not interfere with vehicle operation.
3. Using a tube cutter, remove a section of cooler line long enough to accept in-line filter.
4. Flair ends of line, when possible. This will provide a non-slip fit and a secure seal.
5. Insert supplied hoses onto filter barbs, butt up hose ends against filter, and tighten clamps.
6. Install assembled filter onto cooler line with FLOW ARROW pointing toward the transmission (in direction of fluid flow).
7. Tighten all Clamps.
8. Run engine at idle for a few minutes, check transmission fluid level, check for leaks, tighten clamps as necessary. Top off Automatic Transmission Fluid (ATF) in accordance to manufacturer's specification.

Rubber hose cooler lines:

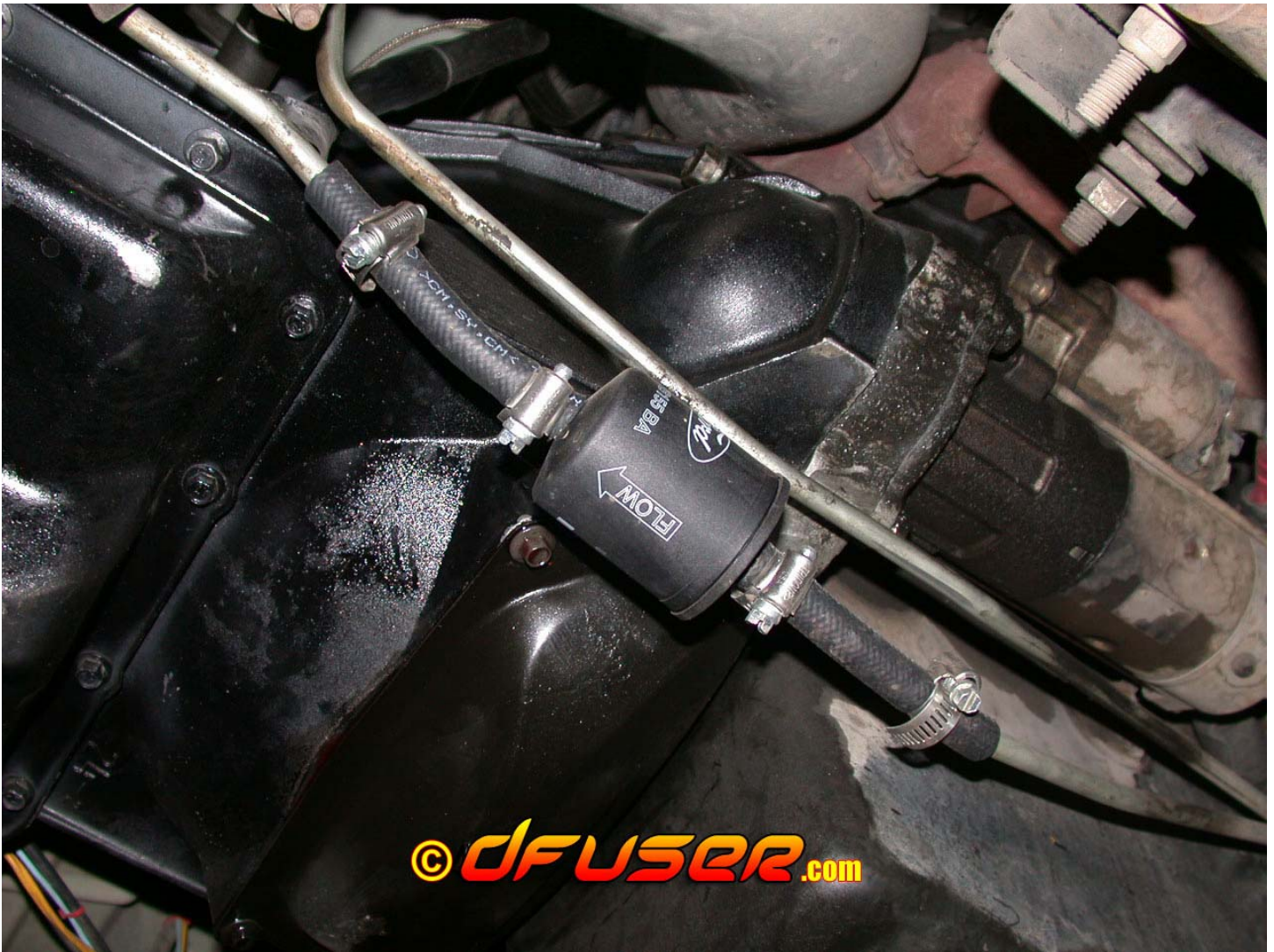
1. Locate cooler return line using chart.
2. Select a location that is easily accessible and will not interfere with vehicle operation.
3. Remove 3 1/2" section of cooler hose long enough to accept in-line filter.
4. Install assembled filter onto cooler line with FLOW ARROW pointing toward the transmission (in direction of fluid flow).
5. Tighten all clamps.
6. Run engine at idle for a few minutes, check transmission fluid level, check for leaks, tighten clamps as necessary. Top off ATF in accordance to manufacture's specification.

Power steering filter instructions:

1. Locate Low Pressure (Return) line from fear or rack to pump. Note-Low Pressure line may have hose clamps on it. Cut hose and install filter using the hose clamps provided. Flow arrow should point toward pump.
2. Locate Low Pressure (Return) line from fear or rack to pump. Note-Low Pressure line may have hose clamps on it. Cut hose and install filter using the hose clamps provided. Flow arrow should point toward pump.
3. Refill pump and bleed air from power steering system per manufacture's specifications. Use the proper fluid for your vehicle.
4. Check for leaks and top off to proper fluid level.

TRANSMISSION MODEL	LINE LOCATION AT TRANSMISSION
AMERICAN MOTORS & CHRYSLER CORPORATION (Includes Mitsubishi)	
A45RFE	Lower Line
A340E	Rear Line
A404, 413, 470, 670	Top Line
A500/518/47RE	Rear Line
A604	Rear Line
A606 (42LE)	Top Line
AW-4	Rear Line
KM-170, F4A20 Series	Outer Line
MB-1	Bottom Line
Torqueflite 6	Rear Line
Torqueflite 8	Rear Line
BORG WARNER	
BW35	Rear Line
FORD & LINCOLN/MERCURY	
A4LD/4R44E, 4R55E, 5R55E, 5R55N	Top Line
AOD/AOT	Bottom Line
AOD-E/AODE-W	Top Line
ATX	Pump End
*AX0D, AX0D-E	Bottom Line
C-3, 4, 5, 6	Rear Line
CD4E	Bell Housing Line (directly below pressure taps)
E40D/4R100	Rear Line
FMX	Rear Line
G4AEL/4EAT	Next to Pump
Jatco "PLA"	Rear Line
GENERAL MOTORS CORPORATION	
Powerglide (Aluminum Case)	Top Line
S.T. 300	Top Line
TH-125	Top Line
TH-180	Rear Line
TH-200	Bottom Line
TH-200-4R	Bottom Line
TH-250, 325, 325-4L, 350, 375, 400	Top Line
TH-425	Outer line furthest from the Converter
TH-440-T4	Bottom Line
TH-700-4R	Top Line
4L60-E	Top Line
4L80-E	Bottom Line
4T60-E	Horizontal Fitting (Case fitting near final drive)
4T80-E	Main Case Fitting (Not channel plate)
JR4R01A "Heavy Duty" Truck	Rear Line

TRANSMISSION MODEL	LINE LOCATION AT TRANSMISSION
HONDA	
Honda 2, 3, & 4 Speed	Next to Differential
ISUZU	
A40/40D Series G4AEL	Rear Line Next to Pump
MAZDA	
F3A G4AEL, F4AEL, L4AEL Jatco 3N71B, 4N71B, N4AEL, R4AEL	Bottom Line Next to Pump Rear Line
MERCEDES BENZ	
Mercedes 722.0/722.1 Mercedes 722.3/722.4	Left Side Right Side
NISSAN	
Jatco (w/RWD) RE4F03A/V RE4F04A RL3F01A RL4F02A RE4R01A RE4R03A RL4R01A RE4F02A RE4F03A/V RE4F04A/V	Rear Line Rear Line Rear Line Bottom Line Rear Line Rear Line Rear Line Rear Line Rear Line Rear Line Rear Line Rear Line
RENAULT	
MB-1	Bottom Line
SATURN	
MP6, MP7, TAAT	Lower Line
SUBARU	
Jatco (w/RWD) Subaru 3 & 4 Speed	Rear Line Rear Line
TOYOTA	
A-20, 30, 40 Series A55 A-130, 140, 240, 340, 440, 540 Series	Rear Line Rear Line Rear Line
VOLVO	
A-40/40D Series AW & BW 55 AW 03 70 Series AW 50 42LE ZF 4HP22 ZF 4HP22EH (Electronic)	Rear Line Rear Line Rear Line Bottom Fitting Below Side Pan Bottom Line Bottom Line
ZF	
ZF-22	Driver Side



Picture used for reference only (4R100 Transmission mounting location)