



# INSTALLATION INSTRUCTIONS FOR OIL FILTER RELOCATION KITS

**Warning:** Not for marine or diesel use. The use of a Hamburger's Billet unit is recommended for these applications.

This system transfers hot oil throughout the engine compartment. Improperly installing a Trans-Dapt oil filter unit could cause leaking or breakage of components, and may result in smoking and/or an engine fire.

If you feel you are not qualified to perform this installation yourself, we suggest a professional mechanic installs this system.

## SINGLE FILTER KIT CONTAINS:

- 1 EA. Spin-on oil bypass adapter
- 1 EA. Rubber o-ring
- 2 EA. 30" neoprene hoses with male fittings
- 1 EA. Single remote filter base
- 1 EA. 3/4" threaded nipple
- 3 EA. #14 X 3/4" sheet metal screws

## DUAL FILTER KIT CONTAINS:

- 1 EA. Spin-on oil bypass adapter
- 1 EA. Rubber o-ring
- 2 EA. 30" neoprene hoses with male fittings
- 1 EA. Dual remote filter base
- 2 EA. 3/4" threaded nipples
- 2 EA. 1/2" pipe plugs
- 3 EA. 5/16" hex head cap screws
- 3 EA. 5/16" keps nuts

## TOOLS REQUIRED

Power drill, crescent wrench, screwdriver, and teflon tape. Always wear protective clothing and safety glasses.

## PROCEDURE FOR SINGLE FILTER RELOCATION KITS

To ensure a safe and durable installation, please read and follow this instruction sheet carefully.

1. Allow engine to cool.
2. Drain oil, then remove and properly discard used oil and filter.
3. Spin the new oil bypass adapter on to the block where older filter was installed.  
**CAUTION: Check to make sure the o-ring (provided with kit) is properly seated in the groove located on the bypass adapter.**
4. Tighten bypass adapter to the same tightness as the original filter. Be sure bypass adapter o-ring makes contact with sealing surface. If there is a gap between the block and the o-ring, the factory oil filter nipple will need to be trimmed. Remove the nipple, and trim as needed. Reinstall nipple and bypass adapter.
5. Select best location for remote filter base (fenderwell, firewall, frame, etc.). Check that the supplied hoses are long enough to reach the new location. If too short, see bottom of the reverse side of this instruction sheet.  
**CAUTION: Make sure the hoses do not crimp, kink or rest against hot or sharp surfaces. Oil flow restriction or hose damage will occur.**
6. Once proper hose distance is ensured, mount remote filter base. Filter base may be mounted either vertically or horizontally.
7. Using remote filter base as a template, mark mounting holes (3) with pencil, punch, etc. Set remote filter base aside.
8. Drill marked holes using a 5/16" drill bit.  
**CAUTION: Make sure area behind mounting location is free of anything that could be damaged by drilling.**
9. Mount remote filter base into position using the supplied #14 x 3/4" sheet metal screws. Unit may also be mounted using properly sized bolts, washers and nuts (not included).
10. Install hoses. **Please read carefully.**
  - A. Using either hose, begin by wrapping a small portion of teflon tape around standard male fitting on the hose (No more than 3 layers thick). Screw into the outermost hole in the oil bypass adapter. Since the male fitting is press fit into the neoprene hose, the hose and fitting are screwed into the oil bypass adapter together.
  - B. Run this hose to the remote filter base. Wrap teflon tape on the male swivel fitting (No more than 3 layers thick) going into the remote filter base, and screw into outermost hole marked "IN".
  - C. Repeat procedure with second hose going from center most hole in the oil bypass adapter to the center most hole (marked "OUT") on the remote filter base.
  - D. Tighten all brass fittings with wrench. Tighten fittings on bypass adapter first, then tighten the fittings on remote filter base. **CAUTION: To avoid damaging the unit, do not over tighten.**
11. Install new oil filter.
  - A. Screw the threaded nipple, included with this kit, into the bottom of the remote base.  
**CAUTION: There is a short thread and a long thread on this nipple. Screw the short threaded end into the remote base, The long threads will hold the oil filter. Trans-Dapt Performance remote oil filter bases require 3/4"-16 filters such as Fram PH8A, HPF1 or Trans-Dapt's 1156 compact oil filter.**
  - B. Lube filter gasket and spin on the new oil filter. Tighten filter as you would any standard oil filter.
12. Following your vehicle or engine manufacturer's specifications, fill your engine oil.
13. Check your installation:
  - A. Start your engine.
  - B. Immediately check oil pressure gauge or red oil pressure warning light on dash.  
**If zero, or unusually low, oil pressure registers or the oil warning light stays on, stop engine immediately!**
  - C. If this condition exists, the hoses are hooked up incorrectly.
  - D. Reverse both hose connections at the remote filter base only.
  - E. Repeat steps 13A and 13B. Oil pressure should now register properly, and/or no oil warning light should be on.
14. Run engine for approximately 3 minutes. While running, check all connections for oil leaks. Never lay under the vehicle while the engine is running, or while engine is still hot, to check for oil leaks.
15. Stop engine. Check oil level on dipstick. The reading should be slightly low, as oil is now in the new hoses. Add enough oil to bring the level to the full line on dipstick. Do not overfill.



## PROCEDURE FOR DUAL FILTER RELOCATION KITS

To ensure a safe and durable installation, please read and follow this instruction sheet carefully.



1. Allow engine to cool.
2. Drain oil, then remove and properly discard used oil and filter.
3. Spin the new oil bypass adapter on to the block where older filter was installed.  
**CAUTION: Check to make sure the o-ring (provided with kit) is properly seated in the groove located on the bypass adapter.**
4. Tighten bypass adapter to the same tightness as the original filter. Be sure bypass adapter o-ring makes contact with sealing surface. If there is a gap between the block and the o-ring, the factory oil filter nipple will need to be trimmed. Remove the nipple, and trim as needed. Reinstall nipple and bypass adapter.
5. Select best location for remote filter base (fenderwell, firewall, frame, etc.). Check that the supplied hoses are long enough to reach the new location.  
**CAUTION: Make sure the hoses do not crimp, kink or rest against hot or sharp surfaces. Oil flow restriction or hose damage will occur.**
6. Once proper hose distance is ensured, mount remote filter base. Filter base may be mounted either vertically or horizontally.
7. Using remote filter base as a template, mark mounting holes (3) with pencil, punch, etc. Set aside dual remote filter base.
8. Drill marked holes using a 5/16" drill bit.  
**CAUTION: Make sure area behind mounting location is free of anything that could be damaged by drilling.**
9. Mount remote filter base into position using the supplied 5/16" hex head bolts and keps nuts.
10. **Please read carefully.**
  - A. Using either hose, begin by wrapping a small portion of teflon tape around standard male fitting on the hose (No more than 3 layers thick). Screw into the outermost hole in the oil bypass adapter. Since the male fitting is press fit into the neoprene hose, the hose and fitting are screwed into the oil bypass adapter together.
  - B. Run this hose to the remote filter base. Wrap teflon tape on the male swivel fitting (No more than 3 layers thick) going into the remote filter base, and screw into outermost hole marked "IN".
  - C. Repeat procedure with second hose going from center most hole in the oil bypass adapter to either hole (marked "OUT") on the remote filter base. Insert a pipe plug in to the other hole marked "OUT".
  - D. Tighten all brass fittings with wrench. Tighten fittings on bypass adapter first, then tighten the fittings on remote filter base. **CAUTION: To avoid damaging the unit, do not over tighten.**
11. Install new oil filter.
  - A. Screw the threaded nipples, included with this kit, into the bottom of the remote base.  
**CAUTION: There is a short thread and a long thread on these nipples. Screw the short threaded ends into the remote base. The long threads will hold the oil filters. Trans-Dapt Performance remote oil filter bases require 3/4"-16 filters such as Fram PH8A, HPF1 or Trans-Dapt's 1156 compact oil filter.**
  - B. Lube filter gaskets and spin on the new oil filters. Tighten filters as you would any standard oil filter.
12. Following your vehicle or engine manufacturer's specifications, fill your engine oil. Add one additional quart of oil for dual filter systems.
13. Check your installation:
  - A. Start your engine.
  - B. Immediately check oil pressure gauge or red oil pressure warning light on dash.  
**If zero, or unusually low, oil pressure registers or the oil warning light stays on, stop engine immediately!**
  - C. If this condition exists, the hoses are hooked up incorrectly.
  - D. Reverse both hose connections at the remote filter base only.
  - E. Repeat steps 13A and 13B. Oil pressure should now register properly, and/or no oil warning light should be on.
14. Run engine for approximately 3 minutes. While running, check all connections for oil leaks. Never lay under the vehicle while the engine is running, or while engine is still hot, to check for oil leaks.
15. Stop engine. Check oil level on dipstick. The reading should be slightly low, as oil is now in the new hoses and second filter. Add enough oil to bring, the level to the full line on dipstick. Do not overfill.

YOUR INSTALLATION IS NOW COMPLETE. NORMAL ENGINE CARE IS ALL THAT IS REQUIRED, AND FUTURE OIL FILTER CHANGES WILL BE MUCH EASIER.

