INSTALLATION INSTRUCTIONS
ENGINE - REMOTE COOLER INSTALL KIT
PART # 15751

KIT CONTENTS

QTY.	DESCRIPTION
1	Sandwich Adapter
1	2 3/4" O-ring
1	Adapter Plate
1	3 ½" O-ring
2	3/8" NPT x 1/2" Barb Fittings
10ft	1/2" OEM Spec Hose
4	Mounting Rods
4	Foam Pads
4	Mounting Clips
4	6" Zip Ties

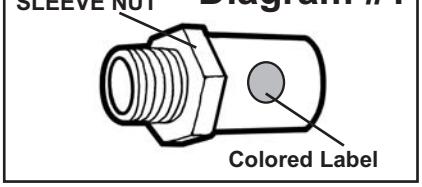
QTY.	DESCRIPTION
4	Hose Clamps
1	3/4-16 Sleeve Nut (Yellow)
1	18mm Sleeve Nut (White)
1	20mm Sleeve Nut (Black)
1	22mm Sleeve Nut (Green)
1	13/16-16 Sleeve Nut (Blue)
1	13/16-16 Sleeve Nut (Red)

Please read these instructions completely before beginning installation

IMPORTANT

In most cases the Factory Oil Filter will work with the supplied sandwich adapter. In some applications where the frame or exhaust system interferes with the new filter depth we recommend using a shorter filter length. **See chart below for possible filter options.**

Diagram #1



THREAD SIZE	LABEL COLOR	FRAM FILTER HEIGHT	FRAM P/N	WIX FILTER HEIGHT	WIX P/N	FRAM FILTER HEIGHT	FRAM P/N	WIX FILTER HEIGHT	WIX P/N
3/4-16	YELLOW	4.92	PH3600	4.83	51516	3.34	PH3614	3.4	51348
13/16-16	BLUE/RED	4.94	PH3429	4.83	51045	3.36	Ph3506	3.4	51042
18mm x 1.5	WHITE	4.94	PH3980	4.83	51036	3.36	PH3387A	3.4	51040
20mm x 1.5	BLACK	3.47	PH7317	N/A	N/A	3.39	PH3593A	3.14	51381
22mm x 1.5	GREEN	4.94	PH3750	4.57	57026	3.98	PH2	3.43	57060

COOLER LOCATION (COOLER SOLD SEPARATELY)

Cooler can be mounted anywhere space permits. When selecting the best location for your vehicle, always consider a location that will deliver the maximum airflow.

MOUNTING

1. Holding the cooler in place, use Plastic Mounting Rods, Foam Pads & Mounting Clips to install cooler.

PRE-INSTALLATION

Important: The Adapter Plate & O-ring are designed to fit vehicles with a 3 1/2" filter landing. Primarily 1963-2007 GM SB & BB V-8 engines.

There are 6 supplied Sleeve Nuts in this kit. Only 1 Sleeve Nut will be used for your application.

SELECTING COMPONENTS

To easily select the correct components for your application, follow the steps below. Then proceed to the SANDWICH ADAPTER INSTALLATION section.

Selecting the Sandwich Adapter and/or Adapter Plate

1. Remove the factory oil filter from the vehicle.
2. Using a rag, clean the oil filter landing on the engine.
3. Take the supplied Sandwich Adapter and Adapter Plate.
4. To determine if your application uses the supplied Adapter Plate, first hold the Adapter Plate up to the oil filter landing on the engine block. The casting needs to seat directly onto the landing without obstruction. If the Adapter Plate is too large, then disregard the Adapter Plate and O-ring. (See Diagram #3)
5. Take the supplied Sandwich Adapter and hold it up the oil filter landing on the engine block. The casting needs to seat directly onto the landing without obstruction. (See Diagram #2)

Selecting the Sleeve Nut

1. The Red Sleeve Nut is ONLY used when the Adapter Plate is being used. If you have previously determined that your application will use the Adapter Plate then disregard the 5 remaining Sleeve Nuts. If you are not using the Adapter Plate, please disregard the Red Sleeve Nut.
2. Using the remaining 5 supplied Sleeve Nuts, try and screw each Sleeve Nut onto the filter nipple on the engine block until the correct size will completely thread onto the nipple. Once you have located the correct Sleeve Nut, disregard the remaining 4 Sleeve Nuts.

Diagram #2

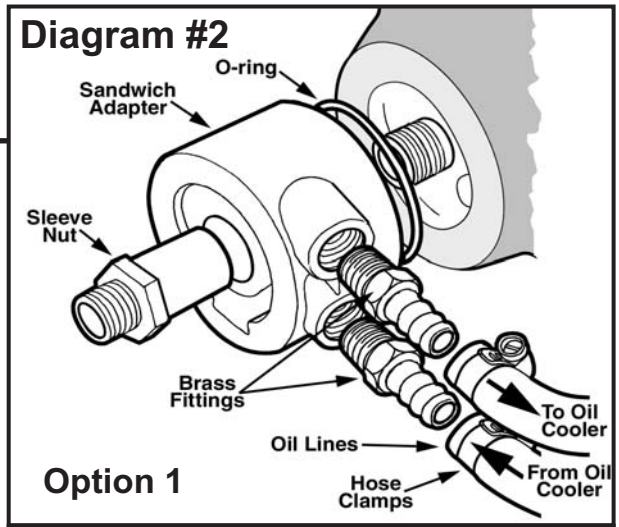
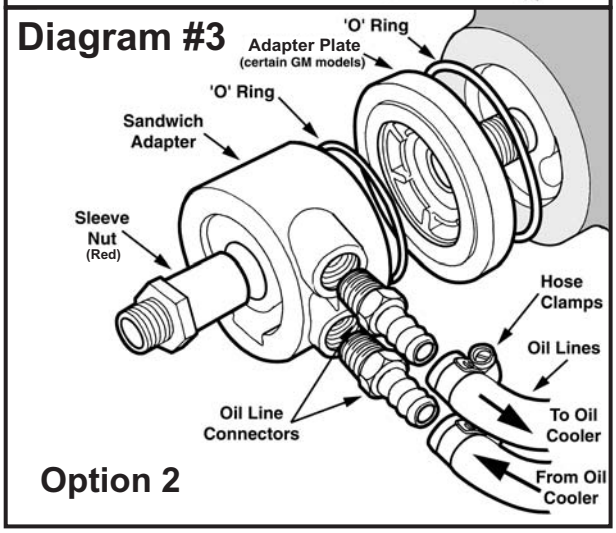


Diagram #3



SANDWICH ADAPTER INSTALLATION

1. Take the Sandwich Adapter and two 3/8” NPT x 1/2” Hose Barbs provided, Using Teflon Tape or suitable sealant, install the hose barb fittings onto the Sandwich Adapter.
2. Take the pre-determined Sleeve Nut. Make a note of the Colored Label on the Sleeve Nut. This will allow you to reference oil filter options if necessary.
3. Remove the Colored Label from the Sleeve Nut.
4. Apply a light coat of oil onto the O-ring(s).
5. Take the O-ring(s) and install onto the Sandwich Adapter and Adapter Plate (if used)
6. Making sure the filter landing is clean from oil and dirt, take the Sleeve Nut, Sandwich Adapter, O-ring(s) and Adapter Plate (if used) and install onto the engine sliding the Sleeve Nut thru the Sandwich Adapter. Turn the Sleeve Nut clockwise onto the engines filter nipple. (See Diagram #2 & 3)
7. Using a Torque Wrench, torque the Sleeve Nut to 20 ft. Lbs.

ROUTING HOSES

1. Using the 1/2” Hose and Hose Clamps provided, attach both ends of the hose onto the oil cooler forming a loop.
2. Route the looped hose carefully along the frame to the Sandwich Adapter already installed on the engine making sure to stay away from moving parts, exhaust systems and any sharp objects. Cut hose at desired length.
3. Connect the outlet port on the Sandwich Adapter to the inlet port on the oil cooler.
4. Connect the inlet port on the Sandwich Adapter to the outlet port on the oil cooler.
5. Using the Hose Clamps and 6” Zip Ties provided, secure hoses in place.

WARNING
All bends in hose need to have a minimum radius of 5” or the diameter of a small coffee can.

VEHICLE TESTING

1. Start the engine and quickly check all connections for leaks.
2. Turn-off the engine and check oil level.
3. Add oil as needed.

Warning: Installation of accessories should only be undertaken by those with mechanical knowledge and are familiar with working on vehicles. Always use eye protection (goggles, safety glasses or shield). Park the vehicle in a well lit area, on level ground and apply the parking brake. Only work on a cold vehicle that has been sitting overnight, failure to do so will result in severe burns and injury. Before starting the vehicle, make sure no tools or any other items are left under hood that could interfere with or be drawn into moving parts of the engine. Failure to follow instructions can lead to severe damage and personal injury.