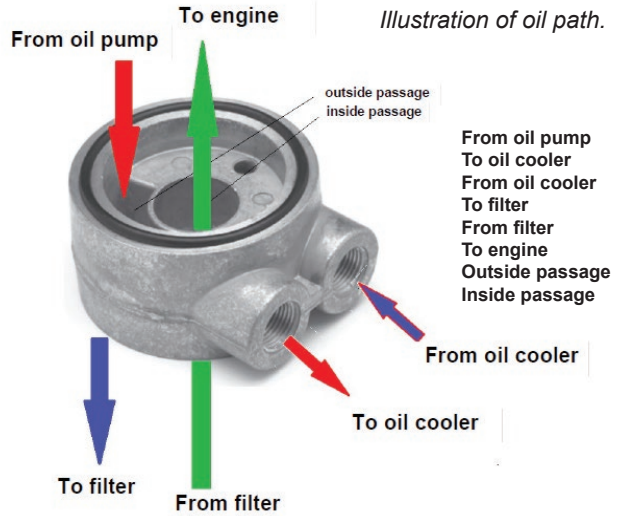
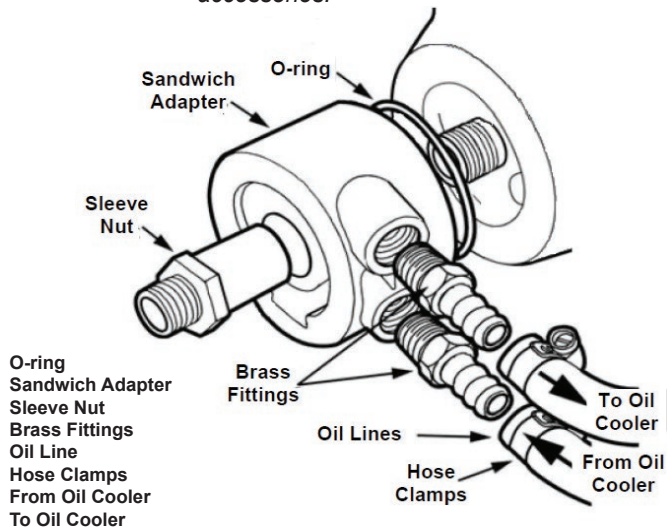


# THERMOSTATIC SANDWICH ADAPTER INSTALLATION PROCEDURE

205, 211, 255

Diagram of Sandwich Adapter and accessories.



Sandwich adapters are intended for use in cars and light trucks that use spin-on style filters. Each adapter has different threads and sizes; refer to eCatalog for specific applications.

## WARNING

1. DO NOT use sandwich adapter for transmission oil. Use for engine oil only.
2. TIGHTEN all clamps prior to starting engine; check after 500 miles to ensure seal.
3. Only use included fittings or automotive equivalent.
4. NPT to hose barb adapter threads may require liquid thread sealant.

## INSTALLATION MINIMUMS

1. Tighten all NPT hose barb adapters to 15 foot pounds during installation.
2. ALWAYS route hoses away from heat sources and sharp edges.
3. Maintain minimum 3 inch bend radius for hose at all times.
4. Apply light coating of engine oil to o-ring prior to sandwich adapter installation.
5. Tighten supplied hose clamps, verify no leaks (Re-check in 500 miles).
6. Tighten sandwich adapter to 35 foot pounds.

Application	Filter Thread	O-Ring Size	Recommended WIX/FRAM Filter	Sandwich Kit Part Number
Ford and Chrysler	3/4 inch to 16	2 to 3/4 inch	51311/PH7328 (1)	205
GM and Chevrolet	13/16 inch to 16	3 to 1/2 inch	51061/PH5 (2)	211
AMC, Jeep, GM	13/16 inch to 16	2 to 3/4 inch	51042/PH3506	225
(1) 51335/PH3512 optional low profile filter				
(2) 57099XP/HP8 optional profile filter				

Chart with different applications and their filter thread lengths, o-ring sizes, recommended WIX/FRAM filters and sandwich kit part numbers.