

## INSTALLATION INSTRUCTIONS

Jagg Oil Filter Adapter  
Part # 4500

Please read these instructions completely before beginning installation.

### KIT CONTENTS

QTY.	DESCRIPTION
1	Sandwich adapter plate with sūsa ProLine M22x1.5 ports
1	Extension screw for oil filter stem, threaded for 3/4"-16 spin-on oil filters
1	1/8"-27 NPT plug
1	O-ring for oil filter mount surface
2	sūsa ProLine M22x1.5 adapter fittings, (part # 22-M22PL06-90) with O-rings

### FITMENT

H-D XL Sportsters, H-D Big Twin carbureted EVO applications with front-mount spin-on oil filters, and Buells with front-mount spin-on oil filters.

### INSTALLATION

This sandwich adapter is designed to allow access of oil supply for the plumbing of an external oil cooler. Oil flow is directed first through the oil filter, then out to the oil cooler, and then returns clean, cool oil to the engine.

#### Part 1: Vehicle preparation

1. Prepare the vehicle for installation: allow to cool completely. Remove factory engine oil filter and clean the oil filter landing of oil and debris.

#### Part 2: NPT plug and/or sending unit installation

**NOTE:** The port plug provided is loosely inserted into the port to prevent loss during shipment and is NOT sealed. Installer will determine the use for the port and either fully install the port plug or install an appropriate sending unit into the port during installation.

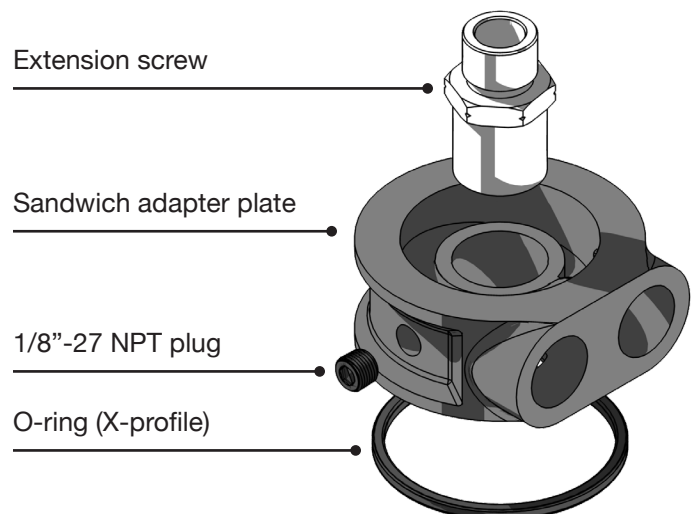
2. Remove the 1/8"-27 NPT port plug.
3. Apply thread sealant to male pipe threads. If PTFE tape is used, it should be wrapped 1-1/2 to 2 turns in clockwise direction when viewed from the pipe thread end. **CAUTION:** More than two turns of tape may



### IMPORTANT

The sandwich adapter plate includes a specialized 90° push-on connection. Other sizes and orientations are available for your customization needs at:

[www.setrabusa.com/products/connections](http://www.setrabusa.com/products/connections)



**Warning:** Installation should only be attempted by those with mechanical skills and experience working on vehicles. Standard safety precautions consistent with the tools and dangers of automotive work should be followed to protect from injury. Specifically, wear protective equipment, take care to stabilize the vehicle on a level surface, engage the parking brake, and allow vehicle to cool before attemptation installation; failure to comply can result in injury and/or damage to equipment.

cause distortion or cracking of the port.

4. Screw the plug or sending unit into the port to the finger tight position.
5. Wrench tighten the plug or sending unit to 2-3 turns-from-finger-tight (T.F.F.T.).

**Part 3: Adapter fitting installation**

6. Lubricate threads and O-rings on M22x1.5 adapter fittings with oil and thread into sandwich adapter plate to hand-tight.
7. Tighten fittings with wrench until metal surfaces meet or to 29.5 lb-ft (40 Nm).

**Part 4: Sandwich adapter installation**

8. Lubricate large O-ring with oil and insert into O-ring groove on rear of sandwich adapter plate.
9. Match sandwich adapter plate onto engine's oil filter landing.
10. Insert extension screw through sandwich adapter plate center and thread onto engine oil filter stem.
11. Tighten extension screw to 20 lb-ft (27.1 Nm) or to factory specifications of engine oil filter.
12. Ensure adequate clearance of sandwich adapter plate and adapter fittings around any moving parts, exhaust systems, or sharp edges that could cause hose or component failure or interference.
13. Install engine oil filter to factory specifications.
14. Vehicle is now ready for plumbing of external oil cooler.
15. Check extension screw for proper tightness and re-torque if needed, any time an oil filter is removed from the sandwich adapter.

**ACCESSORY PARTS AVAILABLE**

Description	Part #
O-ring service kit: two replacement O-rings for part #4500, #4550 oil filter adapters	SK4550

**Warning:** Installation should only be attempted by those with mechanical skills and experience working on vehicles. Standard safety precautions consistent with the tools and dangers of automotive work should be followed to protect from injury. Specifically, wear protective equipment, take care to stabilize the vehicle on a level surface, engage the parking brake, and allow vehicle to cool before attention installation; failure to comply can result in injury and/or damage to equipment.