

Please read these instructions completely before beginning installation.

KIT CONTENTS

QTY.	DESCRIPTION
1	(A) Spin-on take-off plate
1	(B) TOP flange bushing
1	(C) O-ring (sūsa part # 20-400229-N)
1	sūsa thread glue, Red lock, anerobic cure

IMPORTANT

This sūsa component is machined with ProLine M22x1.5 threaded ports and flat-face sealing surface. These ports require use of specialized sūsa ProLine O-ring style adapters or direct-port hose ends (sold separately).



INSTALLATION

This take-off plate is designed to allow relocation of an oil filter and/or plumbing of an external oil cooler.

Part 1: Install ProLine adapter fittings into take-off plate

NOTE: sūsa ProLine adapter fittings are not included with this part but are required for proper installation and unit function.

1. Lubricate the O-ring and threads of ProLine adapter fittings.
2. Thread the adapter fittings into the take-off plate's M22x1.5 female ports.
3. Tighten fully; recommended torque value is 29.5 lb.-ft. (40 Nm).

Part 2: Install TOP flange bushing

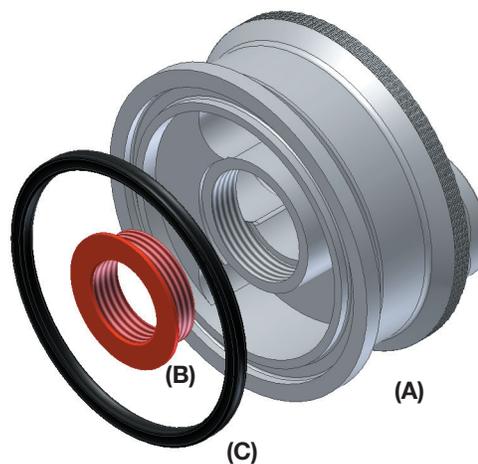
4. Apply sūsa thread glue (included) to male threads on TOP flange bushing.
5. Install flange bushing into take-off plate, threading in until flange bottoms out against take-off plate.

Part 3: Install spin-on take-off plate

6. Remove the factory oil filter and clean the oil filter landing surface on the engine block.
7. Lightly lubricate the quad-seal O-ring with oil.
8. Install the O-ring into the take-off plate's O-ring channel.
9. Thread the take-off plate onto the oil filter stem on the engine block.
10. Hand-tighten to factory specification for an engine oil filter.

Reference chart for part number / corresponding size

NIPPLE THREAD	BUSHING COLOR	P/N
13/16"-16	RED	18-TOP76-13-22
M20 x 1.5	SILVER	18-TOP76-20-22
M22 x 1.5	BLUE	18-TOP76-22-22
3/4"-16	BLACK	18-TOP76-34-22



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.

Accessory parts available:

DESCRIPTION		P/N	
O-ring for sūsa Billet Spin-on Take-off Plate, Quad-seal X-profile		20-400229-N	
O-rings for sūsa ProLine M22 fittings, Viton material, pack of 10 pieces		20-568019-V-10	
<i>Fittings & Hose Ends</i>	<i>Angle</i>	<i>AN Size</i>	<i>P/N Example</i>
<i>sūsa ProLine AN Adapter Fittings</i> M22 to AN adapters	00°, 45°, 90°	-6, -8, -10, -12	ex: 22-M22AN08-90 (M22 to -8 AN, 90°)
<i>sūsa ProLine Direct-port Hose Ends</i> (eliminate AN adapter!) ProLine M22 to PushLock ProLine M22 to ReUsable	00°, 45°, 90°	-6, -8, -10, -12	ex: 22-M22RU08-90 (M22 to -8 ReUsable, 90°)
<i>sūsa ProLine AN Hose Ends</i> Available in PushLock and ReUsable	00°, 30°, 45°, 60°, 90°, 120°, 150°, 180°	-6, -8, -10, -12	ex: 22-AN08RU08-90 (-8 AN to -8 ReUsable, 90°)