

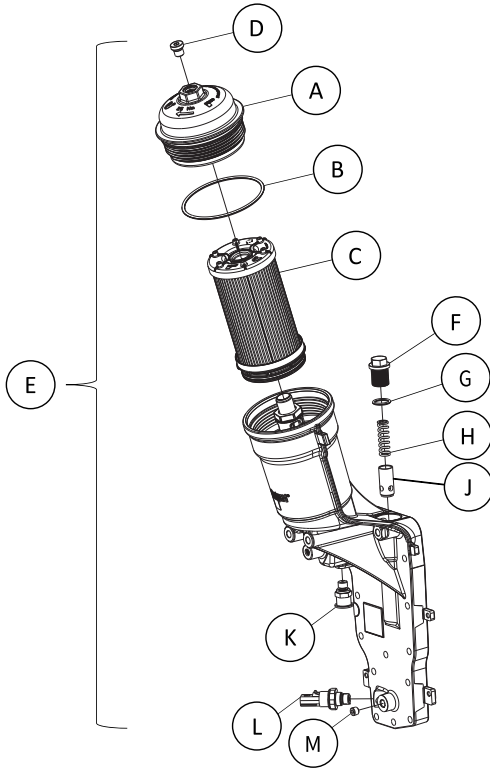


**Lube Oil Filter Kit Engine Protection for Ram®
LF16453 Service Instructions**

**Kit de filtro de aceite lubricante Protección del motor para Ram®
LF16453 Instrucciones de servicio**

**Kit de filtre à huile lubrifiante, protection du moteur pour Ram®
LF16453, Instructions d'entretien**

Parts List • Lista de piezas • Liste des pièces



Part Pieza Pièce	Description Descripción Description		Part Number Número de pieza Numéro de pièce	
			Mopar	Cummins
A + B + D	Lid with O-ring Tapa con junta tórica Couvercle avec joint torique	Replacement kit (parts A+B+D) Kit de repuesto (piezas A+B+D) Kit de remplacement (pièces A+B+D)	68677812AA	6442644
D	Lid Port Plug with Gasket Tapón del puerto de la tapa con junta Bouchon de port de couvercle avec joint	Replacement part (D) Pieza de repuesto (D) Pièce de rechange (D)	68730573AA	3678610
B + C	Filter Cartridge with O-ring Cartucho de filtro con junta tórica Cartouche filtrante avec joint torique	LF16453 Complete filter kit (B + C) Kit de filtro completo (B + C) Kit de filtre complet (B + C)	68677810AA	6572412
E	Housing Alojamiento Logement	Complete lube filter module (E) Módulo de filtro de lubricante completo (E) Module de filtre à lubrifiant complet (E)	68677809AA	6572733
F	Pressure Regulator Plug Enchufe del regulador de presión Bouchon du régulateur de pression	Replacement part (F) Pieza de repuesto (F) Pièce de rechange (F)	05086832AA	3946947
G	Pressure Regulator O-ring Junta tórica del regulador de presión Joint torique du régulateur de pression	Replacement part (G) Pieza de repuesto (G) Pièce de rechange (G)	05003647AA	3929457
H	Pressure Regulator Spring Resorte del regulador de presión Ressort du régulateur de pression	Replacement part (H) Pieza de repuesto (H) Pièce de rechange (H)	68210072AA	5285537
J	Pressure Regulator Plunger Émbolo del regulador de presión Piston de régulateur de pression	Replacement part (J) Pieza de repuesto (J) Pièce de rechange (J)	68719768AA	6450416
K	Turbo Adapter Adaptador turbo Adaptateur Turbo	Replacement part (K) Pieza de repuesto (K) Pièce de rechange (K)	68005452AA	4940183
L	Pressure Switch/Sensor Interruptor/sensor de presión Pressostat/capteur	Replacement part (L) Pieza de repuesto (L) Pièce de rechange (L)	68644730AA	5677803
M	Diagnostic Plug Enchufe de diagnóstico Bouchon de diagnostic	Replacement part (M) Pieza de repuesto (M) Pièce de rechange (M)	68459101AA	3628604

Applications

- 2025 and later Ram
2500 and 3500 Pickup Trucks
 - 2025 and later Ram 3500/4500/5500
Chassis-Cab
-
- Ram 2025 y posteriores
Camionetas 2500 y 3500
 - Ram 2025 y posteriores
Chasis-Cabina 3500/4500/5500
-
- Ram 2025 et modèles ultérieurs
Camionnettes 2500 et 3500
 - Ram 2025 et modèles ultérieurs
3500/4500/5500 Châssis-Cabine



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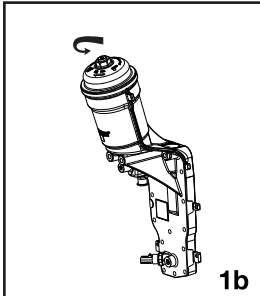
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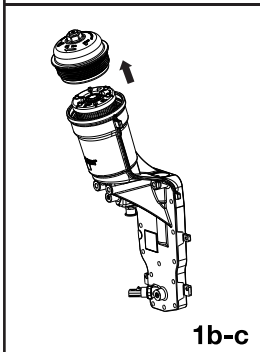
Service Instructions

Filter Installation Instructions

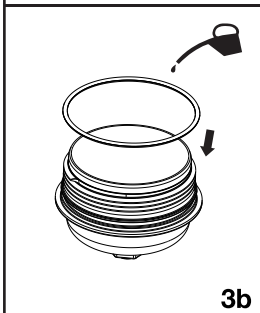
- 1. With the engine off, drain the liquid from lube oil housing:**
 - a. It is recommended to change filter before draining oil from the engine, to allow filter module to drain used oil back to the block.
 - b. Remove oil filter housing lid with a 28 mm socket. DO NOT use an impact tool.
 - c. Remove oil filter cartridge from the housing.
 - d. Use caution when prying against the housing as damage to the housing could result.
 - e. After filter is removed from housing, wait 90 seconds for oil remaining in filter housing to drain back to the block.
 - f. Remove the O-ring from lid, this can be disposed of. Each filter kit comes with replacement lid O-ring.
 - g. Drain used oil per vehicle/ engine manufacturer's recommendations and dispose of drained oil appropriately.
- 2. Preparing the housing for reuse:**
 - a. Inspect the internal housing, inner and outer standpipe walls for debris and if needed wipe with a clean rag.
 - b. Excessive debris may be an indication of a potential lube system problem, if necessary, contact your local authorized dealer.
- 3. Install the new cartridge into the housing:**
 - a. Ensure that the housing and lid threads are clean.
 - b. Before installation, thoroughly lubricate and install the new replacement O-ring on the lid as well as apply lubrication to the lid threads.
 - c. Thoroughly lubricate the three cartridge seals: Grommet on Top then Inner Gasket and Outer O-ring on the Bottom.
 - d. Install the filter cartridge into the housing. Ensure the filter is fully seated before the lid is installed. DO NOT use the lid to "fully seat" the filter. There should be tangible feedback from the filter "popping" into place when it is fully seated in the housing.
 - e. Install the lid onto the housing and tighten to 25 N-m (18.5 ft-lb) using a 6-point 28 mm socket.
 - f. Follow vehicle/engine manufacturer's recommendations for filling system with new engine oil.
- 4. Start the engine:**
 - a. When engine does start, allow the engine to idle for a minimum of 30 seconds.
 - b. Check for leaks.



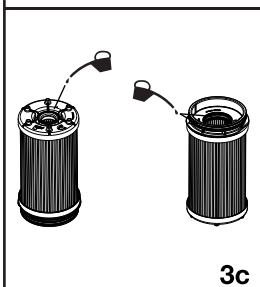
1b



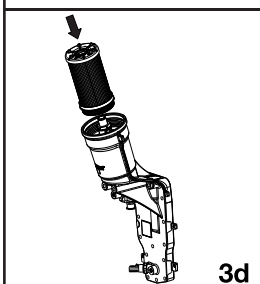
1b-c



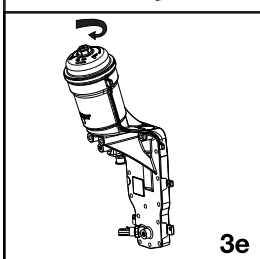
3b



3c



3d



3e



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- ⚠ CAUTION:** Always replace lid o-ring each filter change. The new o-ring must be properly installed in the o-ring groove before lid installation. Failure to do so can cause a lube oil leak at the housing lid.
- ⚠ PRECAUCIÓN:** Siempre reemplace la junta tórica de la tapa en cada cambio de filtro. La nueva junta tórica debe estar correctamente instalado en la ranura de la junta tórica antes de instalar la tapa. No hacerlo puede causar una Fuga de aceite lubricante en la tapa de la carcasa.
- ⚠ ATTENTION:** Remplacer toujours le joint de couvercle à chaque changement de filtre. Le nouveau joint torique doit être installé dans la gorge avant le montage du couvercle. Ne pas le faire peut entraîner un fuite d'huile de lubrification au niveau du couvercle du boîtier.
- ⚠ CAUTION:** These instructions are intended for use by professional mechanics who are trained in the proper use of power and hand tools, using appropriate safety precautions (including eye protection).
- ⚠ PRECAUCIÓN:** Estas instrucciones están destinadas para ser utilizadas por mecánicos profesionales capacitados en el uso adecuado de herramientas eléctricas y manuales utilizando precauciones de seguridad apropiadas (incluyendo la protección ocular).
- ⚠ ATTENTION:** Ces instructions sont destinées aux mécaniciens professionnel formés à l'utilisation correcte d'outils électriques et manuels, en respectant les précautions de sécurité appropriées (y compris une protection oculaire).