# 🖻 febi 47224

### To Fit:

BMW 2 Series (F45, F46), i8 (I12), X1 (F48), X2 (F39) and MINI (F54, F55, F56, F57, F60) models





# Oil Filter



## Attention!

The BMW engines fitted to the vehicles listed above are equipped with a two-piece oil filter cap, which oil filter element 47224 is connected to.

The cap of the oil filter housing is equipped with a separate drain plug and, as a result, the residual oil in the filter housing can be drained easily before the element is removed.

#### Oil Filter element replacement procedure:

Oil filter 47224 comes complete as a kit, including a new oil filter cap drain plug, "O" ring seals and an engine oil sump drain plug sealing washer.

- 1. Remove the engine oil drain plug from the sump and allow the engine oil to drain completely.
- 2. Refit the drain plug with the new sealing washer and tighten to 25 Nm.
- 3. Loosen and remove the small drain plug from the oil filter cap and drain the residual oil from inside the filter housing.
- 4. Undo the oil filter cap and remove along with the element.
- 5. Inspect the oil check valve that is located within the housing for freedom of movement.
- 6. Remove the filter element and large "O" ring from the cap and clean.
- 7. Fit the new filter element into the cap, ensuring it engages with an audible click.
- 8. Fit the new large "O" ring seal on to the cap and lubricate with engine oil.

For more technical information please visit: partsfinder.bilsteingroup.com

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- 9. Install the new oil filter cap drain plug with the new small "O" ring seal and lubricate with engine oil. Tighten this to 5 Nm.
- 10. Mount the oil filter cap and element assembly into the housing and tighten to 25 Nm.
- 11. Loosen the filter cap by 180° and then retighten to 25 Nm.
- 12. Fill the engine with the correct oil grade and to the correct capacity.
- 13. Start the engine and wait until the oil pressure indicator light goes out.
- 14. Switch off the engine and check the oil level with the instrument cluster or dipstick, subject to model equipment.
- 15. Reset the maintenance indicator.

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