

2003 BMW 325i Sedan (E46) L6-2.5L (M54)

Vehicle > Engine, Cooling and Exhaust > Engine > Engine Lubrication > Oil Filter Housing > Service and Repair

PROCEDURES

Removing and Installing Complete Main Flow Oil Filter

Remove intake air housing with air-mass flow sensor.

Unfasten oil filter cover to allow oil to flow out of main flow oil filter housing and back into oil pan.

This operation is described in the section engine oil service, refer to Engine Lubrication, Service and Repair.

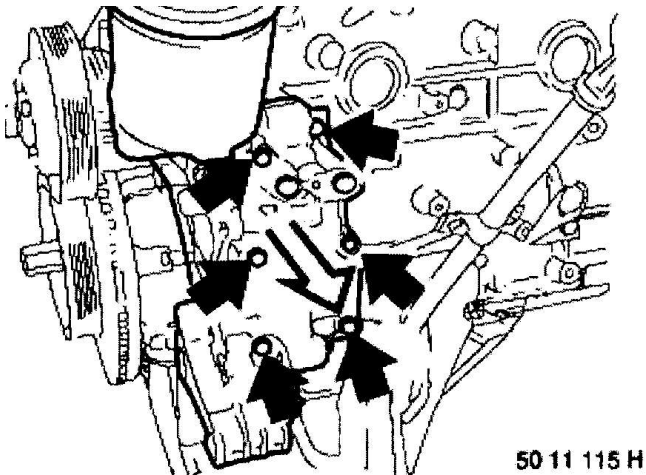
Remove alternator, refer to Starting and Charging.

Drain power steering supply tank.

Remove supply tank (lines remain connected).

Remove vane pump for power steering unit (lines remain connected).

If necessary, remove alternator drive belt tensioner.

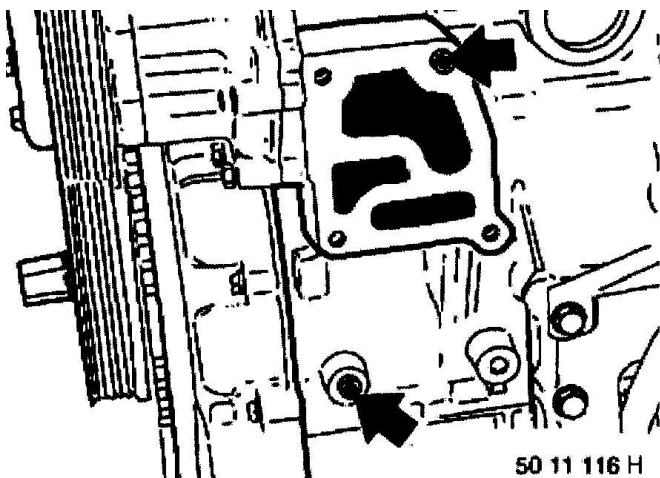


Remove connector for oil pressure switch.

If necessary, disconnect plug for oil temperature switch.

Disconnect oil pressure line for VANOS adjustment unit from oil filter housing.

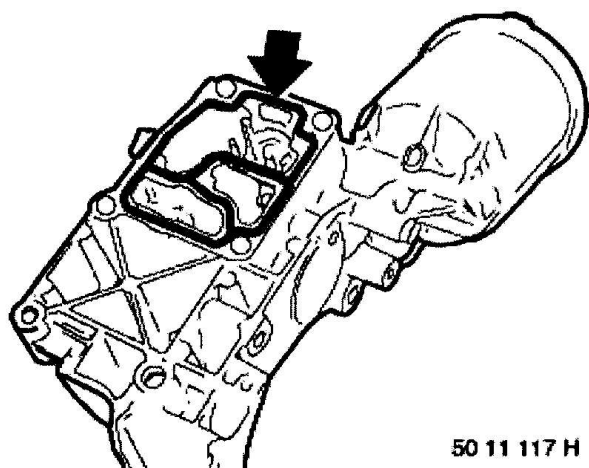
Unfasten screws and remove complete full-flow oil filter.



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Installation:

Check dowel sleeves for damage and correct installation position.



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Installation:

Replace seal.

Top up engine oil.