

## Oil Change - Mezger M64 Block Engine

### Parts

996 107 225 52(53) oil filter (includes large O-ring)

999 707 465 40 separate smaller O-ring

900 123 010 20 copper ring for the oil tank 44 ft-lb torque

900 123 118 30 aluminum ring for the crankcase 52 ft-lb torque

### Tools

15mm ratchet socket for crankcase drain

19mm ratchet socket for oil tank drain

27mm open ended wrench for counter torque

Oil filter wrench 000 721 920 40

1. Slightly loosen the filter cap (one turn is plenty).
2. Start the car and let the engine warm up. The oil should be changed when the engine has reached normal operating temperature. Caution... the oil will be hot.
3. Jack up the vehicle at the correct points and install jack stands.
4. Remove the oil drain screw from crankcase and collect the engine oil in a disposal container.
5. Remove the oil filter so to allow more oil to drain out.
6. Identify the oil tank drain bolt and drain the oil over 20 minutes. Use a 27mm open ended wrench to counter torque the drain bolt.
7. While waiting for the oil to completely drain, use a syringe or turkey baster to remove the remaining oil from the oil filter canister.
8. Moisten the rings for the new filter with a touch of new motor oil.
9. Reassemble the filter, ring seal, and oil cap. Torque for the oil filter casing is 19 ft-lb.
10. Once both bolts have drained completely reinstall the bolts with new crush rings, 44 lb-ft torque for the oil tank with the copper crush ring, 52 lb-ft for the crankcase bolt and aluminum crush ring. Do not over-torque either bolt. The female threads can easily get stripped.
11. Remove jacks stands.
12. Add approximately 8.5 quarts of oil and check oil level. Add more as needed.

