

Removing and Installing Oil Strainer

Removal

1. Remove ten nuts from oil sump cover.
2. Remove cover and magnetic filter assembly.
3. Remove strainer and gaskets.

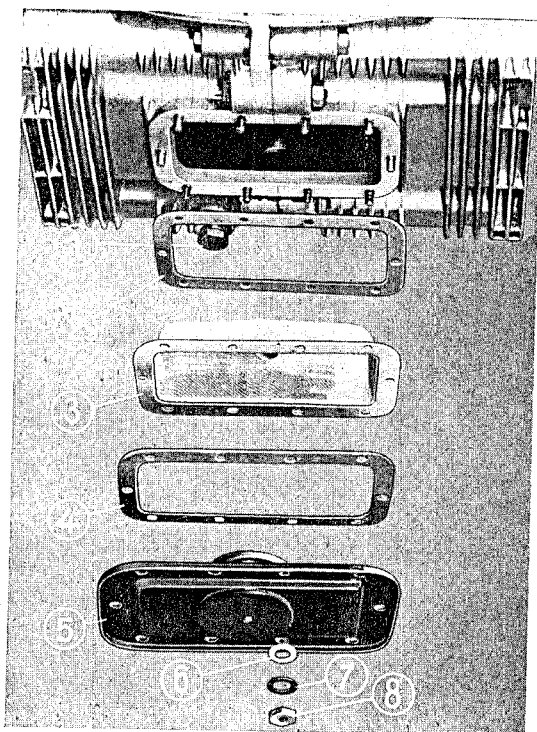


Fig. 109

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|------------------|------------------------------------|
| ① Oil drain plug | ⑤ Cover plate with magnetic filter |
| ② Gasket | ⑥ Flat washer |
| ③ Strainer | ⑦ Lock washer |
| ④ Gasket | ⑧ Nut |

Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Check the oil suction pipe for proper position.
2. Clean oil strainer and remove remaining gasket material.

3. Install new gaskets above and below strainer.
4. Install oil strainer with close fit on oil pipe.
5. Clean gasket material from cover plate and check for plane surface. This joint requires a flush fit for proper sealing.
6. Clean magnetic oil filter.
7. Install cover plate. Do not tighten nuts more than necessary in order to avoid bending the cover plate.

Note

A magnetic filter has been mounted on the oil strainer cover plate for additional oil cleaning. It is located inside the strainer and attracts any steel particles suspended in the oil. Oil must first pass through the strainer and the magnets before entering the suction pipe.

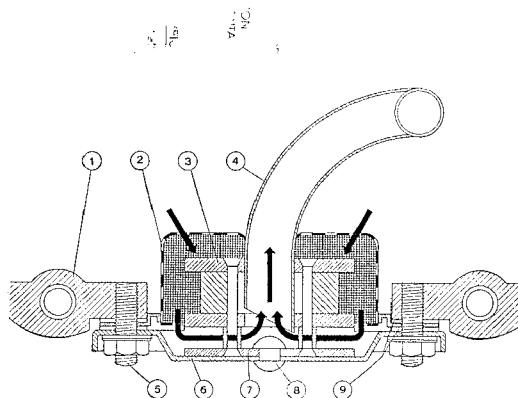


Fig. 110

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|-------------------------------------|----------------------------|
| ① Crankcase | ⑥ Oil strainer cover plate |
| ② Oil strainer | ⑦ Plate |
| ③ Magnetic filter | ⑧ Rivet |
| ④ Oil suction pipe | ⑨ Gaskets |
| ⑤ Stud for oil strainer cover plate | |