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## Replace washers with every oil change using a SMART-O plug

As a standard industry practice, mechanics should always change the washers for the SMART-O oil drain / sump plug with every oil change.

### Do not re-use aluminum washers as that may reduce the sealing performance of the SMART-O plug.



SMART-O oil drain / sump plugs come with a pre-assembled aluminum washer (except for the special polymer washer provided with F1 and F3 plugs). The aluminum crush washers included are designed to form a seal when the drain plug is properly torqued. After use they will become deformed and must be discarded and replaced before each drain plug installation. The aluminum washer material allows for one time use only. Using new crush washers make it easy to adjust the correct torque and prevent overtightening the plug.

*\*The special polymer gaskets are extremely durable and flexible. They can be re-used as long as they remain intact on the surface. It is however recommended to change these gaskets about once per year, after 3 oil changes to maintain optimum sealing performance.*

**Attention:** We recommend to only use washers provided by SMART-O to ensure proper function of the SMART-O plug. If you require washers for all the SMART-O plugs you carry, you can order convenient packs of washers for all SMART-O plug sizes available. These washers can also be used for regular oil drain plugs.

## Overview of SMART-O aluminum washers and polymer flange seals:

Item no.	Description	plug size	SMART-O #
WR1-R9	Oil drain plug / sump plug washer	M12.5x1.5	R1, R9
WR3-R11	Oil drain plug / sump plug washer	M12.5x1.5	R3, R11
WR4-R5	Oil drain plug / sump plug washer	M14x18.5x1.5	R4, R5
WR6-R20	Oil drain plug / sump plug washer	M12x16.5x1.5	R6, R20
WR3-R11	Oil drain plug / sump plug washer	M14x21.5x1.5	R3, R11
WR16-R22	Oil drain plug / sump plug washer	M14x18.5x1.5	R16, R22
WR6-R20	Oil drain plug / sump plug washer	M16.4x25.5x1.5	R6, R20
WR21	Oil drain plug / sump plug washer	M14x21.5x1.5	R21
WR23	Oil drain plug / sump plug washer	M19x23.5x1.5	R23
WR24	Oil drain plug / sump plug washer	M18x28.5x1.5	R24
WS13	Oil drain plug / sump plug washer	M20x26.5x1.5	S13
WS18	Oil drain plug / sump plug washer	M26x32x1.5	S18
WF1-F3	Oil drain plug / sump plug washer	M22x26x1.5	F1, F3