

Lycoming Engine Model	Required System Kits					Optional System Kits and Components		
	System Kit	Sump Kit	Weld Boss Kit (Note 2)		Breather Adapter Kit	Deluxe Hose & Fittings Kit	Basic Fittings Kit	Breather Coil
			for Standard Sump Modification	for Extended Sump Modification				
Vertical-Screen Sump								
O-235 Series, all models O-290 Series, all models	801-4	811-V	812-1	812-2	809-K	807-4	808-4	813-4
O-320-A, B and C Series, all models O-320-E2G IO-320-E1A, E2A O-340-A and B Series, all models	801-4	811-V	812-1	812-2	None Required	807-4	808-4	813-4
Horizontal-Screen Sump								
O-320-D and E Series, except E2G IO-320-A1A, A2A IO-320-B, C and D Series, all models LIO-320-B and C Series, all models O-360-A Series, except A1C O-360-B and C Series, except C2B, C2D IO-360-B Series, except B1C, B1E, B2E HO-360-A1A HIO-360-B Series, all models	801-4	811-A or 811-S (Note 1)	None Required	812-2	None Required	807-4	808-4	813-4
O-360-A1C, C2B, C2D IO-360-B1C, B1E, B2E, E1A, F1A HO-360-B Series, all models	801-4	811-A or 811-S (Note 1)	812-2 Extended Modification Required. Standard Modification Not Applicable Due to Sump Design.		None Required	807-4	808-4	813-4
IO-360-C and D Series, except C1A LIO-360-C Series, all models TIO-360-A Series, all models HIO-360-A, C and D Series, all models	801-4	811-A or 811-S (Note 1)	812-1 (or 812-M for C1A) Extended Modification Required. Standard Modification Not Applicable Due to Sump Design.		None Required	807-4	808-4	813-4
IO-360-A Series, all models	801-4	811-A45 or 811-S45 (Note 1)	812-1 Extended Modification Required. Standard Modification Not Applicable Due to Sump Design.		None Required	807-4	808-4	813-4
O-540 Series, all models IO-540-C1B5, C1C5, C2C, C4B5, C4B5D, C4C5, D4A5, J4A5, N1A5, N1A5D, R1A5, R1A5D	801-6	811-A or 811-S (Note 1)	None Required	Two 812-M	None Required	807-6	808-6	813-6
Notes:	1.	Selection depends on requirement for angular-swivel or straight-type sump fitting.						
	2.	Sump removal is required for attachment of weld bosses.						