

PARTS & SERVICE NEWS

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SUBJECT: Oil Pan Adapter

PURPOSE: To introduce a new oil pan adapter and the oil pan adapter hardware on all production K-19 engines that use the one piece front gear cover and spacer plate. **Note:** This oil pan adapter will **not** work for the old style two piece front gear cover.

APPLICATION: K-19 Engines (See AA97079 for Model designations)

FAILURE CODE: A2H099

DESCRIPTION:

Introduction:

The new oil pan adapter, gasket and associated hardware went into production on all K-19 engines in June, 1997 with engine serial number first 37176851.

The oil pan adapter was changed to improve durability. The oil pan adapter gasket was changed to improve sealing. The capscrews were changed to SAE Grade 8 for higher clamping load for the new gasket.

An oil pan adapter kit, Kit. No. 1310 350 H91 was released for service **only** in September, 1996 for K-19 engines. The kit used the QSK19 oil pan adapter casting, but was machined for pipe plugs, along with the QSK19 oil pan adapter gasket and SAE Grade 8 capscrews with increased torque. Oil pan adapter kit, P/N 1310 350 H91, is still available for service **only**.

The following is a list of the new part numbers for the oil pan adapter, gasket and hardware. The old oil pan adapter, P/N 1241 372 H1, is obsoleted and superseded to the new oil pan adapter, P/N 1310 350 H91. The old oil pan adapter gasket, P/N 1239 769 H1, is obsoleted and superseded to the new oil pan adapter gasket, P/N 1310 351 H1.

OLD PART NUMBER	DESCRIPTION	NEW PART NUMBER	DESCRIPTION	QTY.
1213 372 H1	Oil Pan Adapter	1310 350 H91	Oil Pan Adapter	1
1239 769 H1	Oil Pan Adapter Gasket	1310 351 H1	Oil Pan Adapter Gasket	1
N/A	N/A	1307 891 H1	Washer, plain	30
1294 540 H91	SAE Grade 5	1307 887 H1	3/8-in. - 16 UNC - 1.75 in. SAE Grade 8 capscrew	19
1238 280 H1	SAE Grade 5	1307 882 H1	7/16-in. - 14 UNC - 4.5 in. SAE Grade 8 capscrew	2
1239 273 H1	SAE Grade 5	1307 889 H1	3/8-in. - 16 UNC - 3.5 in. SAE Grade 8 capscrew	11
1238 280 H1	SAE Grade 5	1307 890 H1	9/16-in. - 12 UNC - 3.25 in. SAE Grade 8 capscrew	1

Refer to Procedure 02-17 in the K19 Troubleshooting and Repair Manual, Bulletin No. 3810307, or procedure 19-4-0-02 in the K19 Shop Manual KIT Bulletin No. 3810258 for the procedure and torque sequence for installation of the oil pan adapter.

NOTE: When using the new adapter, gasket, and capscrews, all 3/8-in. Capscrews that thread into the block use a torque value of 61 N•m (45 ft-lb). Torque values for the 3/8-in. Capscrews that thread into the front gear cover and flywheel housing remain unchanged at 47 N•m (35 ft-lb).

NOTE: This is a product improvement and is **not** subject to campaign.