McCULLOCH

SERVICE BULLETIN #1072

SUBJECT CLUTCH ADAPTER KIT - P/N 55551

MODEL **S55A**, 55 and S55 DATE 9-15-59

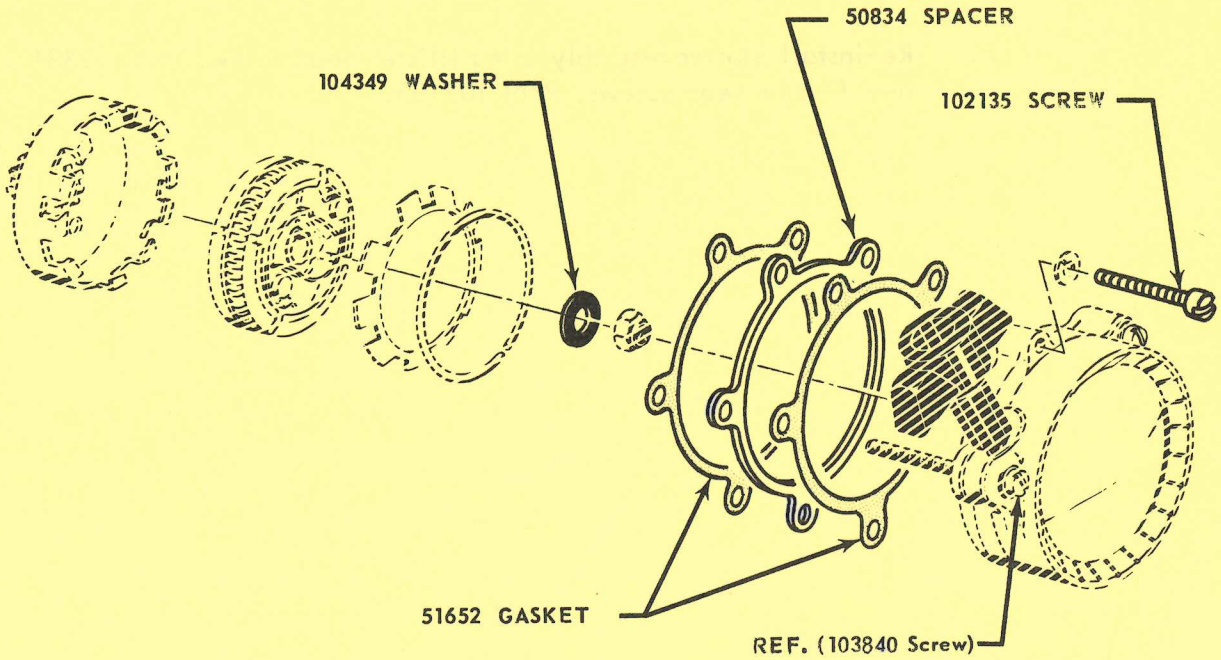
The clutch assembly, P/N 51838E, and the rotor and pawl assembly, P/N 51836B, are no longer available for service replacement on Model 55, S55 and S55A saw engines. The 51838E clutch assembly has been replaced with clutch assembly, P/N 55716A, and the 51836B rotor and pawl assembly has been replaced with rotor and pawl assembly, P/N 55717. Both of these new assemblies - P/N 55716A and P/N 55717 - are also used on the new Model 1-80 saw engines.

The purpose of this replacement is to make one assembly available for the 1-80 and all 55 series engines and eliminate the necessity of stocking and using two separate assemblies.

Whenever the new 55716A clutch assembly or the new 55717 rotor and pawl assembly are installed on a 55 series engine, a clutch adapter kit, P/N 55551, will have to be installed at the same time. The installation of the clutch adapter kit is necessary for proper alignment of the starter and clutch assemblies.

The clutch adapter kit contains the following parts:

1	Spacer	P/N 50834
2	Gaskets	P/N 51652
1	Washer	P/N 104349
5	Screws	P/N 102135
1	Instruction Sheet	P/N 55552



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To install the new clutch adapter kit on a 55 series engine, follow these directions:

1. Remove the filister head screw, P/N 103840, and five filister head screws, P/N 102212, from the starter assembly, (Save the five 102212 screws for use as service replacement parts.) Remove the starter assembly and the starter base gasket.

2. Remove the Flexloc nut and washer from the crankshaft. Remove the retaining ring and clutch friction disc from the clutch drum. Remove the clutch assembly from the clutch drum.

   NOTE: If you are just replacing the old rotor and pawl assembly, and not the complete clutch assembly, disassemble the clutch assembly and install new rotor and pawl assembly, P/N 55717. Check the clutch shoes for signs of wear before reassembling them with the new rotor and pawl assembly.

3. Before installing the new clutch assembly, inspect the crankshaft taper and Woodruff key to assure that they are in good condition. Install the new clutch assembly, P/N 55716A, on the crankshaft.

4. Install new washer, P/N 104349, and Flexloc nut on the crankshaft. Carefully tighten the nut to 25 foot-pounds torque.

5. Re-install clutch friction disc and retaining ring into the clutch drum. (NOTE: See Service Bulletin #1067 for correct clutch adjustment and retaining ring size.)

6. Place the new spacer, P/N 50834, between the two new starter base gaskets, P/N 51652, and position all three on the starter base mounting area.

7. Re-install starter assembly using filister head screw, P/N 103840, and five new filister head screws, P/N 102135.