McCULLOCH

SERVICE BULLETIN #1078

SUBJECT NEW GEARCASE BRACE . . . . P/N 55537

MODEL 1-60, 1-80 DATE 11/5/59

To reduce the possibility of transmission breakage, all Model 1-60 engines, beginning with serial number 1049, and all Model 1-80 engines, beginning with serial number 3624, are equipped with a Bottom Gearcase Brace, P/N 55537. The Gearcase Brace is mounted on the idler yoke screw on the gearcase and connected to the crankcase bottom cover.

The new Gearcase Brace can also be installed on S55A engines and earlier Model 1-60 engines (serial numbers 1 through 1048) and Model 1-80 engines (serial numbers 1 through 3623).

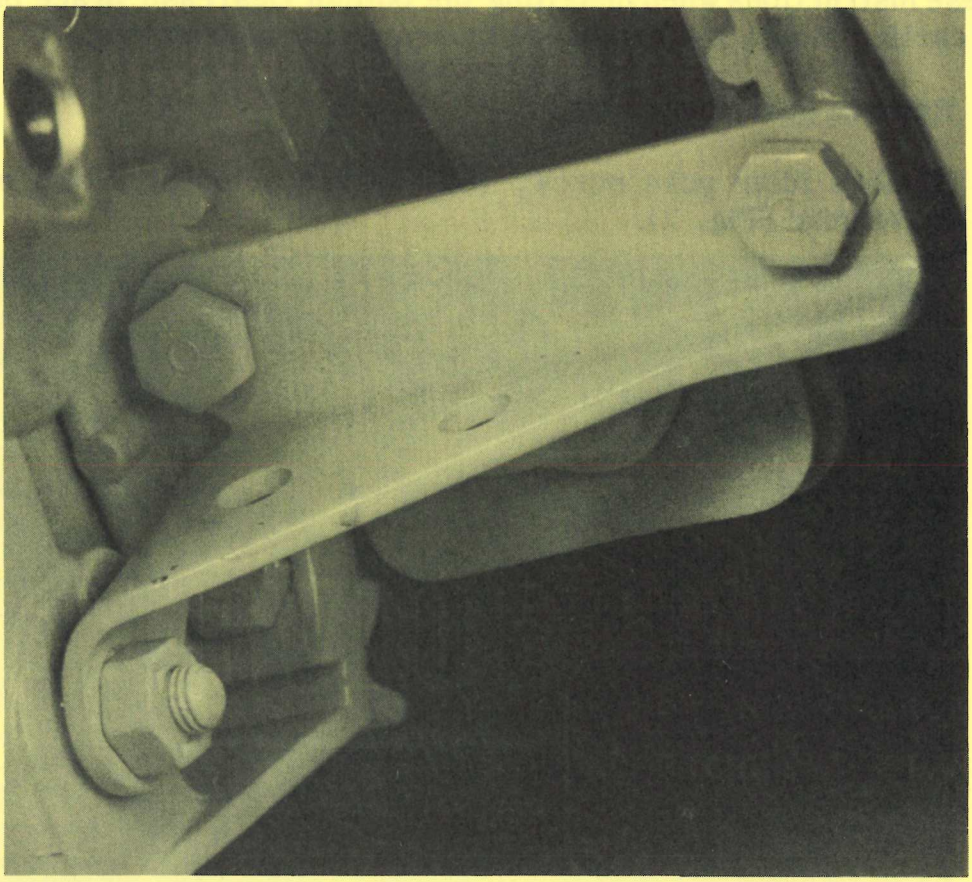


Fig. 1

COPYRIGHT— 1959 McCULLOCH CORPORATION

LITHO IN U.S.A.

SERVICE INSTALLATION ON EARLIER ENGINES

When installing Gearcase Brace, P/N 55537, on earlier Model 1-60 and 1-80 and on Model S55A transmission assemblies, the following additional parts will be necessary:

1	104351	Screw, idler yoke
1	55539	Lockplate
1	55538	Spacer
1	51634B	Guard, Chain (or modified 51634A)
2	101982	Screws

Follow these instructions when installing the bottom Gearcase Brace on Model S55A and earlier Model 1-60 and 1-80 transmission assemblies:

1. Remove gearcase cover.
2. Remove idler yoke screw, P/N 103976, closest to the sprocket drive gear (Fig. 2).

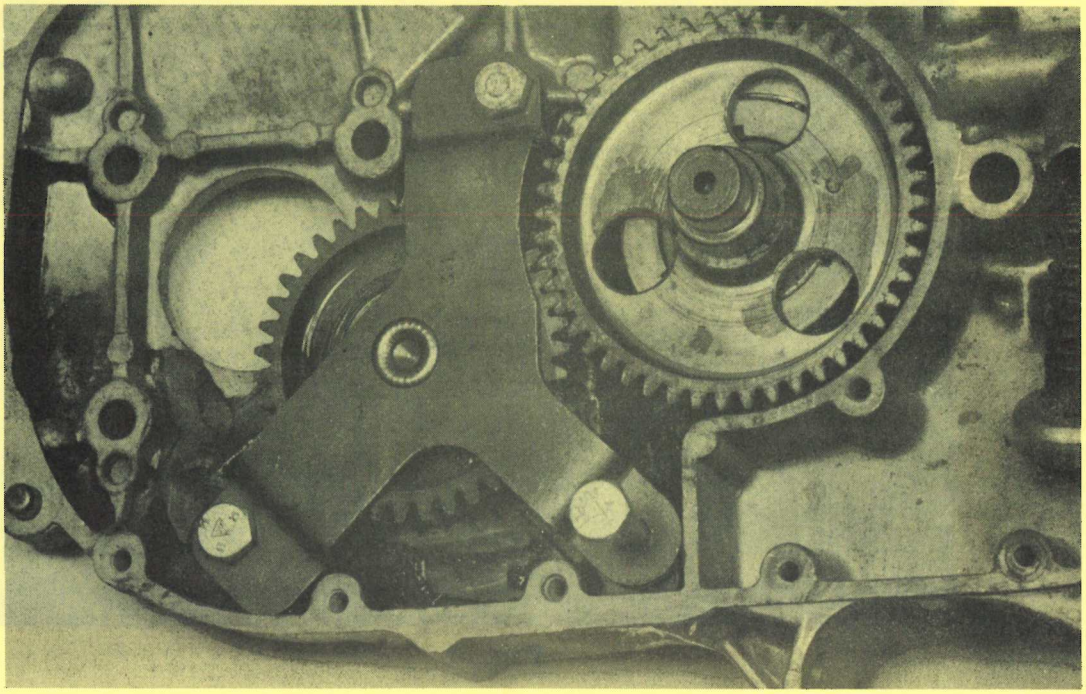


Fig. 2

3. Remove hex nut, P/N 100640, from the nut pocket in the gearcase.

4. Insert new Idler Yoke Screw, P/N 104351, through new Lockplate, P/N 55539, and install both parts through idler yoke leg and gearcase (Fig. 3).

5. Install new Spacer, P/N 55538, in gearcase nut pocket.

6. Reassemble gearcase cover on gearcase.

7. Remove the chain guard, P/N 51634A.

8. Remove two crankcase bottom cover screws, P/N 102121.

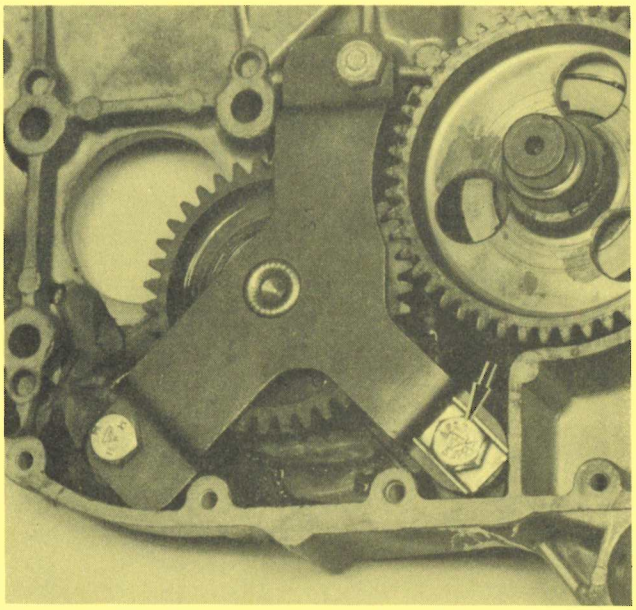


Fig. 3

9. Mount new Gearcase Brace, P/N 55537, on new Idler Yoke Screw, P/N 104351. Position gearcase brace holes over the crankcase bottom cover screw holes.

10. Install hex nut, P/N 100640, on the Idler Yoke Screw. Install two new Screws, P/N 101982, through the gearcase brace holes into the crankcase bottom cover holes.

11. Install new chain guard, P/N 51634B, on the engine.

NOTE:

The new, shorter chain guard, P/N 51634B, is necessary to prevent interference with the gearcase brace. However, the 51634A chain guard may be used if 1.35 inch is removed from the length of the chain guard with a hacksaw. See Fig. 4.

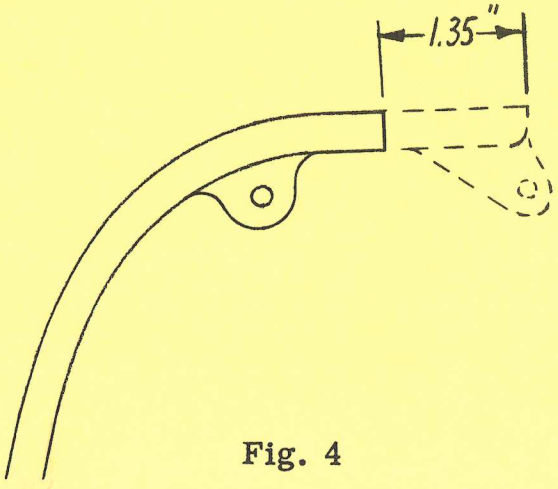


Fig. 4