McCULLOCH CORPORATION

SERVICE BULLETIN

1520

Model: 650, 660

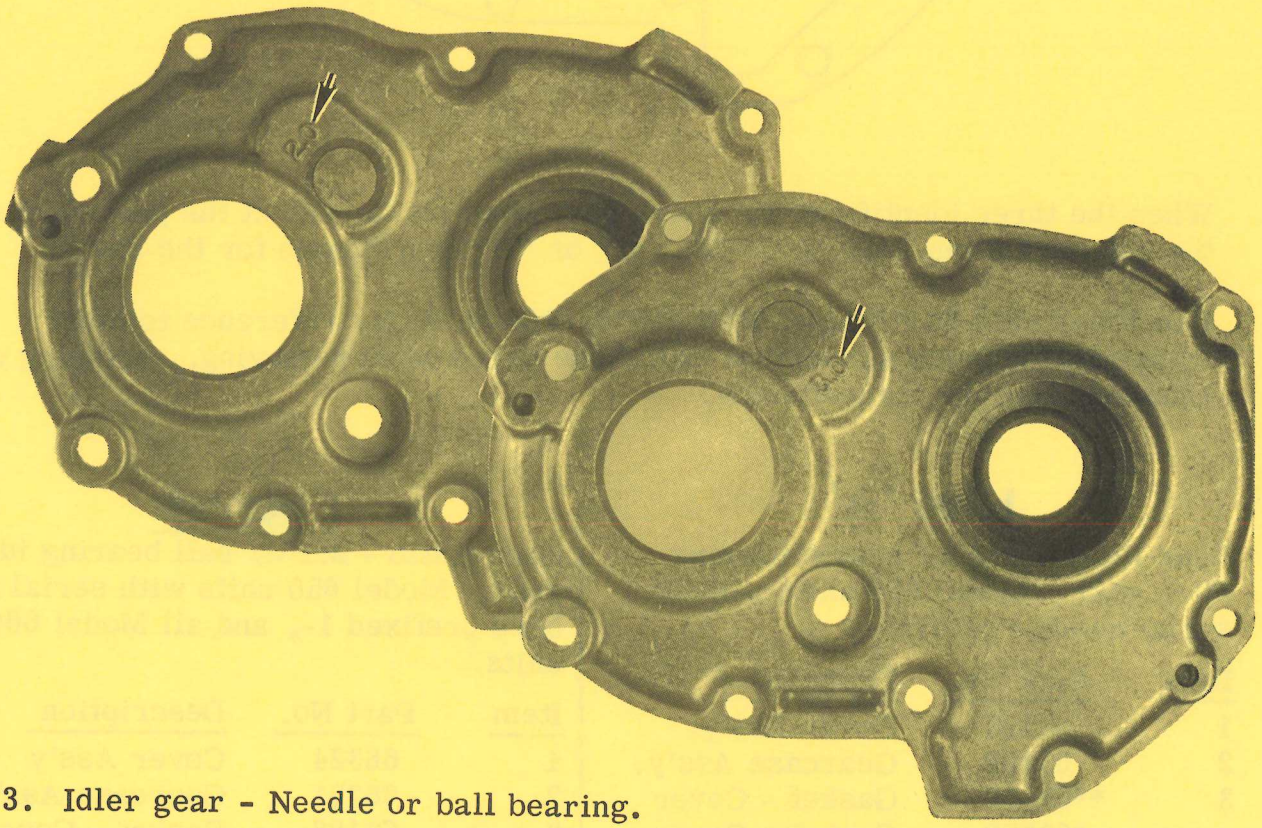
May 22, 1972

Subject: Identification of Transmission Parts

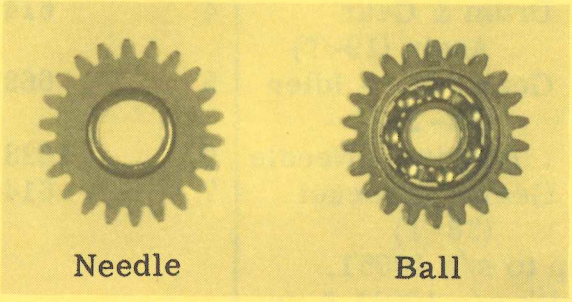
To aid in the selection of proper parts or assemblies when ordering or making replacements in the transmissions for Model 650 or 660 saws, the following identifications are necessary:

1. Saw model (650 or 660), prefix and serial number of the saw.

2. Gear ratio - Find the gear ratio cast into the gearcase cover adjacent to the idler gear mounting pin.



3. Idler gear - Needle or ball bearing.

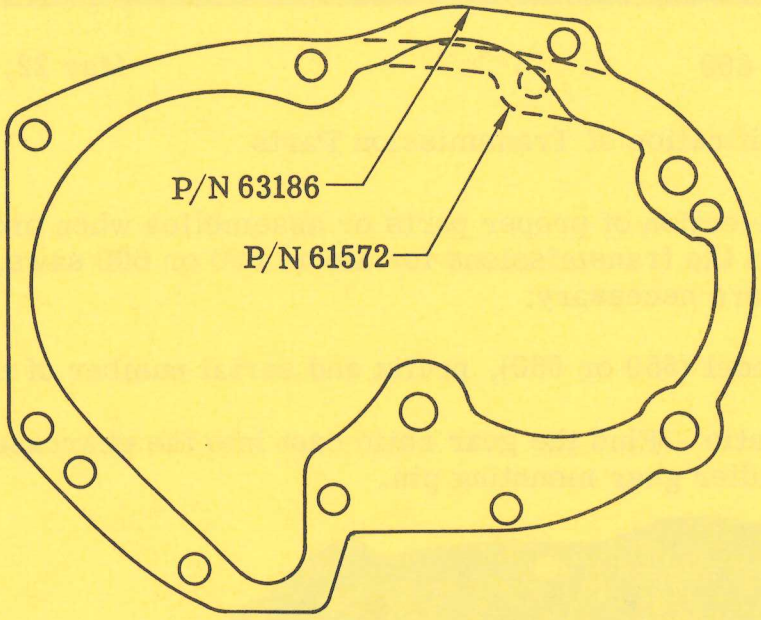


Needle Ball

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4. Cover gasket - Identify by the outline drawing as illustrated.



When the three identifications above have been made, select the part or assembly required from List "A", "B", "C" or "D" appropriate for the saw.

Use Illustrated Parts List, P/N 84538, Figure 9, for reference to other transmission parts associated with those listed when removing, replacing or reassembling the transmission.

List 'A'

Gear Ratio - 2:1 w/ needle bearing idler gear. Model 650 units without serial number prefix.

Item	Part No.	Description
1	63195	Cover Ass'y.
2	63192	Gearcase Ass'y.
3	**63186	Gasket - Cover
	*61572	Gasket - Cover
4	61497	Drum & Gear Ass'y (19-T)
5	61503	Gear Assy - Idler (22-T)
6	101595	. Bearing - Needle
7	61451A	Gear - Sprocket (38-T)

*Used on units up to s/n 10051.
**Used on units with s/n 10051 & up.

List 'B'

Gear Ratio - 2:1 w/ ball bearing idler gear. Model 650 units with serial numbers prefixed 1-, and all Model 660 units.

Item	Part No.	Description
1	66324	Cover Ass'y
2	66321	Gearcase Ass'y.
3	63186	Gasket - Cover
4	61497	Drum & Gear Ass'y (19-T)
5	66327	Gear Ass'y - Idler (22-T)
6	102339	. Bearing - Ball
7	61451A	Gear - Sprocket (38-T)

List 'C'

Gear Ratio - 3:1 w/ needle bearing idler gear. Model 650 units without serial number prefix.

Item	Part No.	Description
1	63179	Cover Ass'y.
2	63176	Gearcase Ass'y.
3	**63186	Gasket - Cover
	*61572	Gasket - Cover
4	63187	Drum & Gear Ass'y (16-T)
5	63184	Gear Assy - Idler (25-T)
6	101595	. Bearing - Needle
7	63182	Gear - Sprocket (46-T)

*Used on units up to s/n 10051.
**Used on units with s/n 10051 & up.

List 'D'

Gear Ratio - 3:1 w/ ball bearing idler gear. Model 650 units with serial numbers prefixed 1-, and all Model 660 units.

Item	Part No.	Description
1	66334	Cover Ass'y
2	66331	Gearcase Ass'y.
3	63186	Gasket - Cover
4	63187	Drum & Gear Ass'y (16-T)
5	66337	Gear Ass'y - Idler (25-T)
6	102239	. Bearing - Ball
7	63182	Gear - Sprocket (46-T)

