

SERVICE

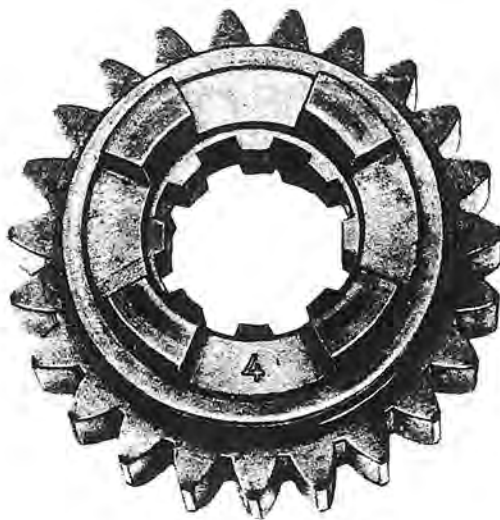
SHOP DOPE

No. 356

June 1, 1955

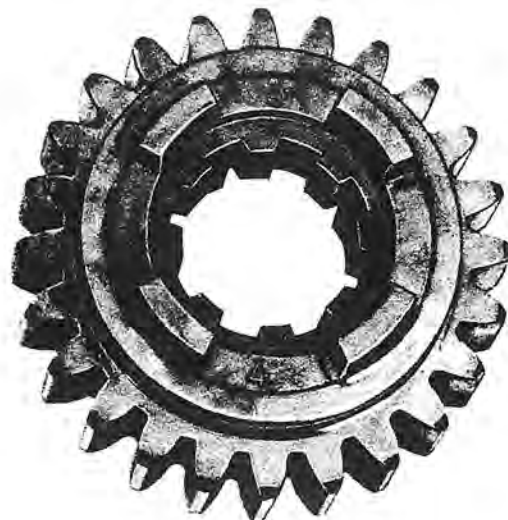
TRANSMISSION GEAR INFORMATION

(This information applies only to KH - KHK - KHRM Models - It does not apply to K - KK - KRM Models)



C/S 3rd Gear
35709-54

CHECK
THESE
GEARS



M/S 2nd Gear
35297-54

As a result of changes in material and heat treatment, the above two gears now in new motorcycle production and furnished on parts order are much huskier gears than were available earlier.

The later, huskier gears are identified by the numeral 4 stamped between the driving dogs. Disregard other numbers that may be found stamped elsewhere on the gears.

The first huskier gears produced have twenty four teeth; later the number of teeth will be reduced to twenty three. However, gear pitch diameter stays the same whether twenty-three or twenty-four teeth, and therefore one gear can be replaced with the other. Gears identified by the numeral 4, whether twenty-three or twenty-four teeth, are OK to use.

The new gears went into new motorcycle assembly starting with number 55KH 1706. A few lower numbered motorcycles have the new 35709-54 C/S 3rd gear, but not the new 35297-54 M/S 2nd gear.

SERVICE RECOMMENDATIONS - Use only the later gears for future servicing. Inspect your new stock of the above described gears. (Look closely, as the identifying 4 is not always easy to see.) If you find that you have none of the later gears, order some. Only the later gears are furnished on parts order. New, earlier gears you have on hand can be returned for exchange or credit.

(over)

Whenever a KH, KHK or KHRM engine below the number mentioned must be opened up for any kind of service, inspect these two gears. If either or both are found not marked with the numeral 4 as shown above, replace with the later gears.

New and used KH, KHK or KHRM motorcycles, with number below 55KH 1706, on hand for sale, should be serviced with the later gears before being sold and delivered.

Earlier gears, referred to above, taken from new motorcycles, or used motorcycles with less than 7500 miles service may be returned for exchange or credit.

When returning used gears replaced with later gears, or new gears from stock to be exchanged or credited, list them on a return instruction sheet. If returned with other parts, list gears on a separate instruction sheet and give the following information:

- Engine number of motorcycle from which gears were removed.
- Total mileage.
- Date gears were replaced.
- Exchange for later gears.
- Allow credit.

When servicing the transmission of a motorcycle with number below 54KH 2040 inspect the countershaft 35613-54 with its gears removed. If an oil hole is found cross-drilled at 2nd gear position, discard shaft and replace with a later shaft that does not have this oil hole.

HARLEY-DAVIDSON MOTOR CO.
Milwaukee 1, Wis., U.S.A.