

SERVICE BULLETIN



M-1037

November 5, 1993

1994 HIGH CONTACT RATIO (HCR) GEAR PART NUMBERS

General

Some dealers have experienced difficulty obtaining the correct transmission gears. The problem encountered was HCR gears were ordered for installation in a Domestic (standard) model. This Bulletin identifies which models contain the HCR gears and gives part numbers for both standard and HCR gears.

CAUTION

Do not mix (mate) HCR gears with standard gears. Both gears will be damaged if such a mix is attempted.

NOTE

First gear mainshaft and first gear countershaft are standard gears on all models.

Marking On Standard Gears

See Figure. Standard gears are marked with a 0.03 in. (0.76 mm) radius groove in the center of each gear tooth. HCR gears have no special marking.

1994 XLH Models With HCR Gears

All International (HDI) 1994 XLH models, except those sold in Japan and Switzerland, are equipped with HCR gears. A quick method of determining which transmission gears a 1994 XLH motorcycle has is to check the crankcase number. The crankcase number is stamped on the right crankcase half forward of the oil pump. Compare the crankcase number with the following:

CRANKCASE NO.	GEAR TYPE
2494-xxx-xxx	Standard
2594-xxx-xxx	Standard
2694-xxx-xxx	Standard
2794-xxx-xxx	Standard
2994-xxx-xxx	Standard
3094-xxx-xxx	Standard
3194-xxx-xxx	HCR
3294-xxx-xxx	HCR

See Table 1 for standard gear part number and Table 2 for HCR gear part numbers.

1994 1340cc Models With HCR Gears

All International (HDI) 1994 1340cc models, except those sold in Japan, are equipped with HCR gears. Check the transmission number, located on the right side of the transmission case behind the shifter or top cover, to determine which gears the transmission has. Compare the transmission number with the following:

TRANSMISSION NO.	GEAR TYPE
94xxxxxx	Standard
994xxxxxx	HCR

See Table 3 for standard gear part number and Table 4 for HCR gear part numbers.

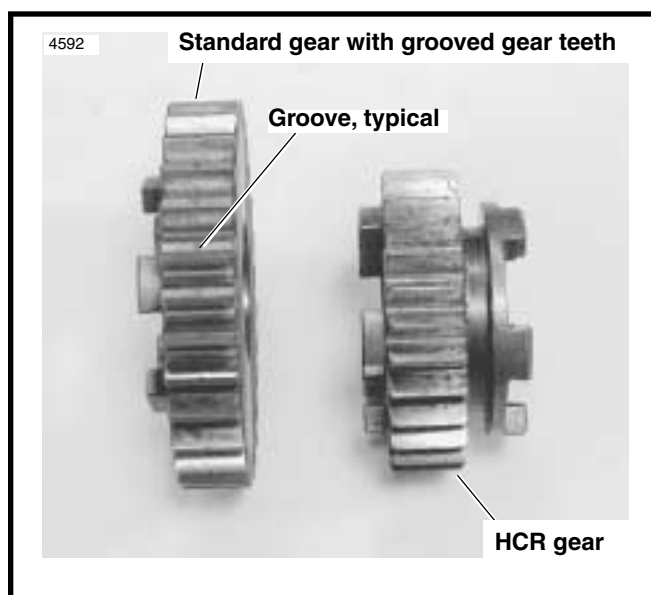


Figure. HCR And Standard Gears

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO.1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO
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Table 1: Part No. For Standard 1994 XLH Transmission Gears

Transmission Shaft	Part Numbers For Gears 1 Through 5				
	1st	2nd	3rd	4th	5th
Mainshaft	35762-89A	35771-89A	35772-89A	35773-89A	35034-89A
Counter shaft	35763-89A	35772-89A	35771-89A	35775-89A	35633-89A

Table 2: Part No. For HCR 1994 XLH Transmission Gears

Transmission Shaft	Part Numbers For Gears 1 Through 5				
	1st	2nd	3rd	4th	5th
Mainshaft	35762-89A	35771-94	35772-94	35773-94	35034-94
Counter shaft	35763-89A	35772-94	35771-94	35775-94	35633-94

Table 3: Part No. For Standard 1994 1340cc Transmission Gears

Transmission Shaft	Part Numbers For Gears 1 Through 5				
	1st	2nd	3rd	4th	5th
Mainshaft	35025-79B	35026-79C	35027-79B	35028-79B	35029-91A
Counter shaft	35622-79C	35027-79B	35026-79C	35625-79B	35626-79B

Table 4: Part No. For HCR 1994 1340cc Transmission Gears

Transmission Shaft	Part Numbers For Gears 1 Through 5				
	1st	2nd	3rd	4th	5th
Mainshaft	35025-79B	35026-94	35027-94	35028-94	35029-94
Counter shaft	35622-79C	35027-94	35026-94	35625-94	35626-94