



XR 750 TRANSMISSION UPDATE

Remember the 1:04 third gear ratio available for the KR's? The same gears that made this possible were used later on the XR where they failed as a result of the additional HP.

This ratio is again obtainable by using a new clutch gear and countershaft drive gear combination.

Part numbers are:

35698-92R	Drive Gear Countershaft	24t
37452-92R	Clutch Gear	20t

Gears above must be used as a set. 1st, 2nd and 3rd gear ratios will change as follows:

		TRANSMISSION GEAR COMBINATIONS	
GEAR	RATIO		
1st	1.91	17t. countershaft - 27t. mainshaft	
2nd	1.38	20t. countershaft - 23t. mainshaft	
3rd	1.04	23t. countershaft - 20t. mainshaft	

CAUTION

Do not use 20t. clutch gear (P/N 37450-56RA) with 24t. countershaft drive gear.

To identify both 20t. clutch gears, check outside diameter of teeth.

For P/N 37450-56RA:	O.D. = 2.27
For P/N 37452-92R:	O.D. = 2.35

Additional Main Bearing Information

Bearings with a **PLAIN** outer race (no groove) and plastic cage are available from NSK.

CAUTION

These bearings have standard (STD) internal clearance (less than C 3) and can only be used in crankcases in which the bearings do no longer fit tight.

Recommended bearing numbers currently used are:

NSK #	Internal Clearance	Outer Race
22206 HC	STD	Plain
22206 HE4C3	C3	Grooved

(The second bearing has been listed in Bulletin R-108)

Contact: NSK Bearing Corp.
250 Covington Drive
Bloomington, IL 60108
708 / 924-8000
800 / 255-4773

Ask for the distributor assigned to your area.