



**AUTO GEAR
EQUIPMENT**

**530 STATE FAIR BLVD
SYRACUSE, NY 13204
1-800-634-3001 EST**

ORDERING YOUR FOUR SPEED TRANSMISSION

DO I NEED AN M22 BASED FOUR SPEED?

MANY MUSCLE-CAR ENTHUSIASTS AUTOMATICALLY SELECT ONE OF OUR HEAVY-DUTY M22 BASED GEARSETS FOR THEIR NEXT TRANSMISSION. AFTER ALL, YOUR ENGINE WILL BE MORE POWERFUL NEXT YEAR, AND THE DIFFERENCE IN PRICE ISN'T THAT GREAT. BUT, YOU MAY NOT NEED TO.

SOME DEFINITIONS. WE SAY YOUR APPLICATION IS 'STRESSED' IF ANY OF THE FOLLOWING APPLY:

- (1) YOUR ENGINE DISPLACES MORE THAN 409 CUBIC INCHES (6.7 LITERS),**
- (2) YOUR ENGINE HAS A COMPRESSION RATIO ABOVE 10:1, RUNS ON SPECIAL FUELS OR USES FORCED INDUCTION**
- (3) THE CAR WILL NOT USUALLY BE DRIVEN ON THE STREET.**

WE SAY AN APPLICATION IS 'UNSTRESSED' IF IT IS NOT 'STRESSED'.

GENERALLY, M20/M21 BASED ('STANDARD DUTY') GEARBOXES ARE SATISFACTORY IN 'UNSTRESSED' APPLICATIONS, AND M22 BASED ('HEAVY DUTY') GEARBOXES SHOULD BE USED IN 'STRESSED' APPLICATIONS.

STANDARD DUTY TRANSMISSIONS

STANDARD DUTY TRANSMISSIONS ARE RECOMMENDED FOR UNSTRESSED APPLICATIONS.

M20/M21 BASED ASSEMBLIES STANDARD DUTY				
IF YOU ARE BUILDING A CAR FOR	STREET/ STRIP	STREET/ STRIP	STREET/ STRIP	INTERSTATE ECONOMY
AND YOUR AXLE IS	3.55/3.73	4.11/4.56	3.55/3.73	4.11/4.56
YOU PROBABLY WANT AN	M20	M21	M21W	M21Y
	M20	M21	M21W	M21Y
BASIC ASSEMBLIES	18-000-004	18-000-005	18-000-006	18-000-007
1ST GEAR	2.521	2.199	2.521	2.199
2ND GEAR	1.640	1.640	1.726	1.506
3RD GEAR	1.274	1.274	1.346	1.000
4TH GEAR	1.000	1.000	1.000	0.859
ASSEMBLED PRICE	\$1,800	\$1,800	\$1,800	\$1,900
KIT PRICE	\$1,600	\$1,600	\$1,600	\$1,700
	WIDE RATIO	CLOSE RATIO	WIDE RATIO	OVERDRIVE RATIO



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ORDERING YOUR FOUR-SPEED TRANSMISSION (CONTINUED)

HEAVY DUTY TRANSMISSIONS

HEAVY DUTY TRANSMISSIONS ARE RECOMMENDED FOR STRESSED APPLICATIONS

M22 BASED ASSEMBLIES HEAVY DUTY				
IF YOU ARE BUILDING A CAR FOR	STREET/ STRIP	STREET/ STRIP	ROAD RACE	INTERSTATE ECONOMY
AND YOUR AXLE IS	4.11/4.56	3.55/3.73		3.08/3.31
YOU PROBABLY WANT AN	M22	M22W	M22X	M22Z
	M22	M22W	M22X	M22Z
BASIC ASSEMBLIES	18-000-001	18-000-002	18-000-003	18-000-008
1ST GEAR	2.199	2.559	2.199	2.984
2ND GEAR	1.640	1.752	1.506	2.043
3RD GEAR	1.274	1.366	1.174	1.464
4TH GEAR	1.000	1.000	1.000	1.000
ASSEMBLED PRICE	\$1,950	\$1,995	\$1,995	\$1,995
KIT PRICE	\$1,750	\$1,795	\$1,795	\$1,795
	CLOSE RATIO	WIDE RATIO	ROAD RACE	ULTRA WIDE RATIO

NOTES:

ALL PRICES IN US DOLLARS.

ALL SHIPMENTS F.O.B. SYRACUSE, NEW YORK.

ALL TRANSMISSIONS INCLUDE OUR SUPERCASE, DUCTILE IRON MIDPLATE, ROLLER SIDECOVER, ROLLER 1ST GEAR, AND YOUR CHOICE OF INPUT SPLINES (10 OR 26), OUTPUT SPLINES (27 OR 32), LEVER DESIGN (NUT OR BOLT RETAINED) AND SPEEDOMETER CIRCLE GEAR (7 OR 8 TOOTH).