

**TRANSMISSION****Main gearbox**

Model.....

LT77 (manual)

Type.....

Five-speed, single helical constant mesh with synchromesh on all forward gears

Ratios.....

5th	0.770 :1
4th	1.000 :1
3rd	1.397 :1
2nd	2.132 :1
1st	3.321 :1
Reverse	3.429 :1

**Transfer gearbox**

Model.....

LT230T

Type.....

Two-speed reduction on main gearbox output. Front and rear drive permanently engaged via a lockable differential

Ratios.....

High	1.192 :1
Low	3.320 :1

Overall ratio (including final drive) .....

	High Transfer	Low Transfer
5th	3.25 :1	9.05 :1
4th	4.22 :1	11.75 :1
3rd	5.89 :1	16.41 :1
2nd	8.99 :1	25.04 :1
1st	14.01 :1	39.02 :1
Reverse	14.46 :1	40.27 :1

**TRANSMISSION****Main gearbox**

Model.....

ZF 4HP 22 (automatic)

Type.....

Automatic four-speed and reverse epicyclic gearbox with fluid torque converter and lock-up

Ratio .....

4th	0.728 :1
3rd	1.000 :1
2nd	1.480 :1
1st	2.480 :1
Reverse	2.086 :1

**Transfer gearbox**

Model.....

LT230T

Type.....

Two-speed reduction on main gearbox output. Front and rear drive permanently engaged via a lockable differential

Ratios.....

High	1.192 :1
Low	3.320 :1

Overall ratio (including final drive) .....

	High Transfer	Low Transfer
4th	3.08 :1	8.553 :1
3rd	4.218 :1	11.747 :1
2nd	6.240 :1	17.380 :1
1st	10.458 :1	29.127 :1
Reverse	8.797 :1	24.501 :1

**SHIFT SPEED SPECIFICATION**  
Automatic ZF 4HP22 Gearbox

OPERATION	SELECTOR POSITION	VEHICLE SPEED APPROX.		ENGINE SPEED APPROX. (RPM)
		MPH	KPH	
		<b>KICK DOWN</b>		
KD 1-2	D	35-40	56-64	4600-5250
KD 2-3	D	61-67	97-107	4750-5200
KD 4-2	D	34-63	54-101	
KD 4-1	D	16-34	25-54	
KD 3-2	3	57-64	91-102	
		<b>FULL THROTTLE</b>		
FT 1-2	D	27-33	43-53	3600-4300
FT 2-3	D	55-61	88-98	4350-4800
FT 3-4	D	75-82	120-131	3980-4330
FT 4-3	D	61-68	98-109	
FT 3-2	3	40-47	64-75	
		<b>ZERO THROTTLE</b>		
ZT 4-3	D	19-26	30-42	
ZT 3-2	D	12-16	19-25	
ZT 2-1	D	6-7	10-12	
		<b>PART THROTTLE</b>		
PT 4-3	D	47-55	75-88	
PT 3-2		29-37	46-59	
PT 2-1		10-12	16-25	
		<b>LIGHT THROTTLE</b>		
LT 1-2	D	8-10	13-16	1180-1220
LT 2-3	D	18-23	29-37	1420-1820
LT 3-4	D	27-31	43-50	1430-1650
Lock Up	IN	40-44	64-70	1480-1620
	OUT	39-42	62-67	1430-1560

**PROPELLER SHAFTS**

Type..... Open type 50.8 mm (2 in) diameter  
 Universal joints ..... 03EHD standard shafts

**REAR AXLE**

Type..... Spiral bevel, fully floating shafts  
 Ratio ..... 3.54 :1

**FRONT AXLE**

Type..... Spiral bevel enclosed constant velocity joint  
 Angularity of joint on full lock..... 32°  
 Ratio ..... 3.54 :1