

Now that you have a headache and burning eyes from reading about which B Model used which transmission, lets look at the gear ratios of all these.

Transmissions without compounds

	<u>TR-73 (Fuller)</u>	<u>TR-730 (Fuller)</u>	<u>TR-85 (Fuller)</u>
5th -	1.00	0.77	1.00
4th -	1.42	1.00	1.41
3rd -	2.52	1.80	2.46
2nd -	4.30	3.48	4.61
1st -	7.53	6.10	8.03

	<u>TR-671</u>	<u>TR-6710</u>
5th -	1.00	0.79
4th -	1.29	1.00
3rd -	2.30	1.92
2nd -	4.35	3.64
1st -	8.05	6.74

	<u>TR-771</u>	<u>TR-7710</u>	<u>TR-774</u>
5th -	1.00	0.80	1.00
4th -	1.31	1.00	1.31
3rd -	2.03	1.69	2.03
2nd -	3.83	3.19	3.83
1st -	7.08	5.89	7.08

	<u>TR-72</u>	<u>TR-720</u>	<u>TR-130</u>
5th -	1.00	0.78	0.71
4th -	1.62	1.00	1.00
3rd -	2.60	1.75	1.81
2nd -	4.32	3.12	3.13
1st -	7.53	5.45	5.83

MT- 41

Allison 6 speed automatic
 (That's right, B Model fans,
 it's an automatic !!)

Brown Lipe auxiliary mid ship mounted transmissions

	<u>6231A</u>	<u>6231D</u>
over	- 0.86	0.74
direct	- 1.00	1.00
under	- 1.24	2.14

	<u>7231A</u>	<u>7231B</u>
over	- 0.74	0.86
direct	- 1.00	1.00
under	- 2.14	1.24

	<u>8031C</u>	<u>8035G</u>
over	- 0.75	0.84
direct	- 1.00	1.00
under	- 2.59	1.29

Truckstell auxiliary mid ship mounted transmission

	<u>TRA-20</u>
over	- ??
direct	- ??
under	- ??

This aux. trans. has dual outputs
for tandem drive axles.

It also has an additional shift lever
to disengage one drive axle
for highway use.

Mono-Shift Transmissions

	<u>TRD-673</u>	<u>TRD-6730</u>
5H -	1.00	0.79
5L -	1.28	1.08
4H -	1.63	1.00
4L -	2.09	1.37
3H -	2.60	1.92
3L -	3.34	2.63
2H -	4.35	3.64
2L -	5.59	4.98
1H -	8.05	6.74
1L -	10.34	9.22

	<u>TRD-773</u>	<u>TRD-7730</u>
5H -	1.00	0.80
5L -	1.28	1.10
4H -	1.53	1.00
4L -	1.95	1.38
3H -	2.43	1.69
3L -	3.10	2.34
2H -	3.83	3.19
2L -	4.89	4.41
1H -	7.08	5.89
1L -	9.04	8.16

Uni-Shift Transmissions

	TRD-675	TRD-6750
	<u>TRDL-675</u>	<u>TRDL-6750</u>
5H -	1.00	0.79
5L -	1.28	1.08
4H -	1.63	1.00
4L -	2.09	1.37
3H -	2.60	1.92
3L -	3.34	2.63
2H -	4.35	3.64
2L -	5.59	4.98
1H -	8.05	6.74
1L -	10.34	9.22

	TRDL-725	TRDL-7250
5H -	1.00	0.78
5L -	1.28	1.04
4H -	1.62	1.00
4L -	2.08	1.33
3H -	2.60	1.75
3L -	3.34	2.34
2H -	4.32	3.12
2L -	5.53	4.16
1H -	7.53	5.45
1L -	9.65	7.25

	TRD-775	TRD-7225
5H -	1.00	no information
5L -	1.28	
4H -	1.53	
4L -	1.95	
3H -	2.43	
3L -	3.10	
2H -	3.83	
2L -	4.89	
1H -	7.08	
1L -	9.04	

2 Stick Duplex Transmissions

	TRD-67	TRD-670
	TRDL-67	TRDL-670
5H -	1.00	0.79
5L -	1.27	1.09
4H -	1.63	1.00
4L -	2.06	1.39
3H -	2.60	1.92
3L -	3.29	2.67
2H -	4.35	3.64
2L -	5.51	5.06
1H -	8.05	6.74
1L -	10.20	9.37

	TRD-72	TRD-720
	TRDL-72	TRDL-720
5H -	1.00	0.78
5L -	1.28	1.04
4H -	1.62	1.00
4L -	2.08	1.33
3H -	2.60	1.75
3L -	3.34	2.34
2H -	4.32	3.12
2L -	5.53	4.16
1H -	7.53	5.45
1L -	9.65	7.25

	TRD-77	TRD-770
5H -	1.00	0.80
5L -	1.29	1.11
4H -	1.53	1.00
4L -	1.98	1.39
3H -	2.43	1.69
3L -	3.14	2.35
2H -	3.83	3.19
2L -	4.95	4.44
1H -	7.08	5.89
1L -	9.15	8.20

2 Stick Duplex Transmissions With Low Hole

<u>TRDX-670</u>	<u>TRDX-720</u>
5H - 0.79	0.78
5L - 1.84	1.85
4H - 1.00	1.00
4L - 2.34	2.38
3H - 1.92	1.75
3L - 4.50	4.17
2H - 3.64	3.12
2L - 8.53	7.42
1H - 6.74	5.45
1L - 15.77	12.94

<u>TRDX-770</u>	<u>TRDX-7770</u>	<u>TRDX-7780</u>
5H - 0.80	0.80	0.80
5L - 1.60	1.58	1.58
4H - 1.00	1.00	1.00
4L - 2.01	1.98	1.98
3H - 1.69	1.69	1.69
3L - 3.39	3.34	3.34
2H - 3.19	3.19	3.19
2L - 6.41	6.31	6.31
1H - 5.89	5.84	5.84
1L - 11.84	11.56	11.56

2 Stick Duplex Transmission With Low Hole and Transfer Case For Front Wheel Drive

<u>TRDXT-720</u>	<u>TRDXT-776</u>	<u>TRDXT-778</u>
5H - 0.78	1.00	1.00
5L - 1.95	2.92	2.93
4H - 1.00	1.62	1.31
4L - 2.50	4.72	3.83
3H - 1.75	2.66	2.03
3L - 4.38	7.76	5.95
2H - 3.12	4.36	3.83
2L - 7.81	12.72	11.24
1H - 5.45	8.05	7.02
1L - 13.62	23.48	20.58

2 Stick Triplex Transmissions

	<u>TRTL-72</u>	<u>TRT-720</u> <u>TRTL-720</u>	<u>TRT-722</u> <u>TRTL-722</u>	<u>TRT-7220</u> <u>TRTL-7220</u>
5HS -	0.85	0.69	0.86	No Information
5D -	1.00	0.84	1.00	
5LS -	1.18	1.00	1.19	
4HS -	1.38	0.83	1.39	
4D -	1.62	1.00	1.62	
4LS -	1.92	1.19	1.93	
3HS -	2.22	1.45	2.23	
3D -	2.60	1.75	2.60	
3LS -	3.07	2.10	3.10	
2HS -	3.69	2.59	3.70	
2D -	4.32	3.12	4.32	
2LS -	5.09	3.73	5.14	
1HS -	6.42	4.51	6.45	
1D -	7.53	5.45	7.53	
1LS -	8.88	6.51	8.96	

2 Stick Triplex Transmission With Low Hole

	<u>TRTX-670</u>
5D -	0.79
5Split -	1.09
5LL -	1.99
4D -	1.00
4Split -	1.39
4LL -	2.53
3D -	1.92
3Split -	2.67
3LL -	4.86
2D -	3.64
2Split -	5.05
2LL -	9.22
1D -	6.74
1Split -	9.35
1LL -	17.03

2 Stick Quadruplex Transmissions

	<u>TRQ-77</u>	<u>TRQ-770</u>
5HS -	0.85	0.83
5D -	1.00	1.02
5LS -	1.17	1.25
5LL -	2.15	2.18
4HS -	1.38	1.00
4D -	1.62	1.23
4LS -	1.90	1.50
4LL -	3.48	2.62
3HS -	2.27	1.78
3D -	2.66	2.19
3LS -	3.11	2.66
3LL -	5.70	4.66
2HS -	3.72	3.19
2D -	4.36	3.92
2LS -	5.10	4.77
2LL -	9.35	8.35
1HS -	6.88	5.84
1D -	8.05	7.18
1LS -	9.42	8.74
1LL -	17.27	15.29

	<u>TRQ-72</u>	<u>TRQ-720</u>	<u>TRQ-7210</u>	<u>TRQ-7220</u>
5HS -	0.85	0.66	0.69	0.70
5D -	1.00	0.78	0.84	0.84
5LS -	1.18	0.91	1.00	1.01
5LL -	2.52	1.95	2.12	2.13
4HS -	1.38	0.85	0.83	0.84
4D -	1.62	1.00	1.00	1.00
4LS -	1.91	1.17	1.19	1.20
4LL -	4.08	2.50	2.53	2.53
3HS -	2.22	1.49	1.45	1.47
3D -	2.60	1.79	1.75	1.76
3LS -	3.07	2.06	2.10	2.10
3LL -	6.56	4.39	4.44	4.44
2HS -	3.68	2.65	2.59	2.61
2D -	4.32	3.12	3.12	3.13
2LS -	5.09	3.66	3.73	3.74
2LL -	10.88	7.82	7.91	7.92
1HS -	6.42	4.62	4.51	4.55
1D -	7.53	5.45	5.45	5.45
1LS -	8.88	6.39	6.51	6.52
1LL -	18.96	13.63	13.78	13.80

