

Manual Transmission/Transaxle: Specifications

M/T Technical Data

Borg / Warner T18 4-SPD M/T

CLUTCH IDENTIFICATION — RANGER, F-150-250, BRONCO				
Specifications		Model/Engine/Clutch Usage		
		Ranger 2.0L I-4 [K] 2.3L I-4 [Z] 2.8L V-6 [S] (2)	F-150-250 (U/8500 lb.), Bronco 3.8L V-6 [O] 4.9L I-6 [C] 5.0L V-6 [E]	F-250 (U/8500 lb.) W/4050 lb. [U] Cast Center Axle 5.8L V-8 [F] (1)(2)
D I S C A S S E M B L Y	Clutch Manufacturers	Daikin	Alma	Alma
	Disc Assy. — Part No.	E37A-FA	E37A-KA	E37A-KA
	Color Identification	None	1 White	1 White
	Type (W/Spring Vibr. Damp)	Segmented	Torsion Bend	Torsion Bend
	O.S. Diameter (Approx.) mm(in.)	225 (9.0)	254 (10.0)	254 (10.0)
	I.S. Diameter (Approx.) mm(in.)	150 (5.9)	158 (6.25)	158 (6.25)
	Facing Area Sq. cm (Sq. In.)	441.2 (68.4)	617.4 (95.7)	617.4 (95.7)
	Facing Thickness (Ea.) mm(in.)	3.80 (.149)	3.45 (.136)	3.45 (.136)
	Compressed Thickness mm (in.)	8.40 (.330)	8.12 (.320)	8.12 (.320)
	Lining Material	Woven Non-Asbestos	F-201 Non-Asbestos	F-201 Non-Asbestos
	Mfg. and Part No.	ASAHI-NC80	—	—
	No. Torsion Springs & Color Code Identification	2-Yellow 2-Plain	5-Red-Inner 5-Black-Outer	5-Red-Inner 5-Black-Outer

Borg-Warner T18 4-spd M/T, Clutch Usage (F150-250/Bronco)

P R E S S U R E P L A T E	Clutch Manufacturers	Daikin	Alma	Alma
	Pressure Plate — Part No.	E2TA-BC	E37A-KA	E37A-LA
	Color Code Ident. (Cover)	None	None	None
	Press. Spring Part No.	Belleville	Belleville	Belleville
	Quantity Required	One	One	One
	Color of Springs	—	—	—
	Load Per Spring — Lb.	—	—	—
	Type (Plate)	Belleville	Belleville	Belleville
	TOTAL PLATE PRESS KG.(LB.)	499(1102)	1202(2650)	1202(2650)

(1) E1TA-AB 279mm (11") Clutch Will Be Included on All 5.8L V-8 [F] Engine Applications Until 254mm (10") Hydraulic Clutch Becomes Available

(2) Hydraulic Clutch Controls

Borg-Warner T18 4-spd M/T, Clutch Usage

CLUTCH IDENTIFICATION — F-150-350

Specifications		Model/Engine/Clutch Usage			
		F-250 H.D.-350 4.9L I-6 [C]	F-150-350, Bronco (exc. 4050 lb. [U] Cast Center Axle 5.8L V-8 [F] (1)	F-250 H.D.-350 6.9L V-8 Diesel [R] (2)	F-250 H.D.-350 7.5L V-8 [U] (2)
DISC ASSEMBLY	Clutch Manufacturers	Borg & Beck/ Alma	Borg & Beck/ Alma	Alma	Alma
	Disc Assy. — Part No.	E1TA-CB	E1TA-AB	E3TA-ED	E3TA-PB
	Color Identification	1 Blue	1 Brown	2 Orange	2 Green
	Type (W/Spring Vibr. Damp)	Segmented	Segmented	One Piece	Segmented
	O.S. Diameter (Approx.) mm(in.)	279 (11.0)	279 (11.0)	301 (11.875)	301 (11.875)
	I.S. Diameter (Approx.) mm(in.)	165 (6.5)	165 (6.5)	171 (6.75)	171 (6.75)
	Facing Area Sq. cm (Sq. in.)	798 (123.7)	798 (123.7)	967.5 (150.0)	967.5 (150.0)
	Facing Thickness (Ea.) mm(in.)	3.55 (.140)	3.55 (.140)	3.96 (.156)	3.96 (.156)
	Compressed Thickness mm(in.)	8.12 (.320)	8.12 (.320)	8.40 (.330)	8.40 (.330)
	Lining Material	Woven Asbestos	Woven Asbestos	F-201 Non-Asbestos	F-20 Non-Asbestos
Mfg. and Part No.	Thermoid 146-CL	Th. A219X177	Ferodo F-201	Ferodo F-201	
No. Torsion Springs & Color Code Identification	5-Brown-Inner 5-Red-Outer	5-Plain-Inner 5-Tan-Outer	2-Yellow 4-White-Inner 4-Brown-Outer	5-Plain-Inner 5-Pink-Outer	

Borg-Warner T18 4-spd M/T, Clutch Usage (F150-350) HD

PRESSURE	Clutch Manufacturers	Borg & Beck Luk Inc.	Borg & Beck Luk Inc.	Alma	Alma
	Pressure Plate — Part No.	E1TA-BA	E1TA-BA	E3TA-DC	E3TA-DC
	Color Code Ident. (Cover)	None	None	1-Pink, 1-Orange	1-Pink, 1-Orange
	Press. Spring Part No.	Belleville	Belleville	Coil	Coil
	Quantity Required	One	One	One	One
	Color of Springs	—	—	—	—
	Load Per Spring — Lbs.	—	—	—	—
	Type (Plate)	Belleville	Belleville	Coil	Coil
	TOTAL PLATE PRESS KG. (LB.)	1202 (2650)	1202 (2650)	980 (2160)	980 (2160)

(1) E1TA-AB 279mm (11") Clutch Will be Included on All 5.8L V-8 [F] Engine Applications Until 254mm (10") Hydraulic Clutch Becomes Available

(2) Hydraulic Clutch Controls

Borg-Warner T18 4-spd M/T, Clutch Usage

SERVICE SPECIFICATIONS — ALL VEHICLES

Face Runout 0.254mm (0.010 inch) (max.)
 Bore Runout 0.381mm (0.015 inch) (max.)

Borg-Warner T18 4-spd M/T, Clutch Runout (All)

GEAR RATIOS — ALL VEHICLES

Major Transmission Specifications
Gear Ratio [To 1]
 (See Individual Truck Section for Availability)

Gear	3-Speed Manual			4-Speed Manual				
	Econoline Van	F-Series		Ranger (2) 2.0L I-4 2.3L I-4 2.8L I-4 Bronco II (2) 2.8L V-6	Ranger (2) 2.8L V-6	F-Series & Bronco		Warner T-19
		4.9L I-6 (1) 5.0L V-8	4.9L I-6 (w/2.47 Axle Ratio)			New Process 435(2)	Warner T-18	
1st	3.26	3.26	2.99	3.96	4.32	6.69	6.32	5.11
2nd	1.91	1.91	1.75	2.08	2.46	3.34	3.09	3.03
3rd	1.00	1.00	1.00	1.39	1.51	1.79	1.68	1.79
4th	—	—	—	1.00	1.00	1.00	1.00	1.00
5th	—	—	—	—	—	—	—	—
Reverse	3.46	3.46	3.17	3.39	3.39	8.26	7.44	5.63

Borg-Warner T18 4-spd M/T, Gear Ratio (All)

Gear	4-Speed Manual Overdrive			5-Speed Manual Overdrive		Automatic		
	Econoline Van & Club Wagon	Bronco, F-150/250		Ranger, Bronco II 2.0L I-4 2.3L I-4 2.8L V-6	Ranger 4x2	3-Speed		4-Speed Overdrive
		4.9L I-6 (3) 5.0L V-8	4.9L I-6 (4) 5.8L V-8			Ranger 4x2	Ranger 4x4, F-Series, Bronco, Econoline Van & Club Wagon, Bronco II	
1st	3.25	3.25	3.01	3.96	2.26	2.47	2.46	2.40
2nd	1.92	1.92	1.78	2.08	2.40	1.47	1.46	1.46
3rd	1.00	1.00	1.00	1.39	1.51	1.00	1.00	1.00
4th	.78	.71	.72	1.00	1.00	—	—	.86
5th	—	—	—	.84	.87	—	—	—
Reverse	3.25	3.25	3.01	3.39	4.02	2.11	2.18(5)	2.00

- (1) Used with all axle ratios except 2.47.
- (2) Not available with PTO installation.
- (3) Used with all axle ratios except 2.47 and 3.00.
- (4) Used only with 2.47 axle ratio.
- (5) 3.19 with some (LPO) automatic transmissions for use with 4.9L I-6 and 5.0L V-8 engines.

Borg-Warner T18 4-spd M/T, Gear Ratio Cont.

Warner T-18 4-Speed Transmission Adjustments
 Second Speed Gear End Play0.127-0.609mm
 (0.005-0.024 inch)

Borg-Warner T18 4-spd M/T, Gear End Play

New Process 435 4-SPD M/T

Specifications	Engine/Clutch Usage			
	4.9L I-6 EFI w/4-Speed Manual Overdrive under 8500 Lbs. GVWR	4.9L I-6 EFI w/4-Speed Manual under 8500 Lbs. GVWR & 4.9L I-6 EFI over 8500 Lbs. GVWR	5.0L V-8 EFI	5.8L V-8 4V over 8500 Lbs. GVWR
DISC ASSEMBLY				
Clutch Manufacturers	Alma	Luk	Luk	Luk
Disc Assy. — Part No.	E7TA-HB	E3TA-KA	E3TA-JA	E6TA-GA
Color Identification	2 White	None	None	None
Type (w/Spring Vbr. Damp)	Torsion Bend	Segmented	Segmented	Segmented
O.S. Diameter (Approx.) mm (in.)	254 (10.0)	279 (11.0)	279 (11.0)	279 (11.0)
I.S. Diameter (Approx.) mm (in.)	158 (6.25)	198 (7.8)	198 (7.8)	165 (6.5)
Facing Area Sq. cm (Sq. in.)	617.4 (95.7)	616 (95.5)	616 (95.5)	788 (123.7)
Facing Thickness (Ea.) mm (in.)	3.48 (.137)	3.3 (.130)	3.3 (.130)	3.65 (.144)
Compressed Thickness mm (in.)	8.19 (.322)	7.60 (.300)	7.60 (.300)	8.13 (.320)
Lining Material	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos
Mfg. and Part No.	Valco F-202	Valco F-202	Valco F-202	Valco F-202
No. Torsion Springs & Color Code Identification	5-Red-Inner 5-White-Outer	4-Plain-Inner 4-Plain-Outer	5-Plain-Inner 5-Plain-Outer	5-Plain-Inner 5-Plain-Outer
PRESSURE PLATE				
Clutch Manufacturers	Alma	Luk	Luk	Luk
Pressure Plate — Part No.	E7TA-HA	E3TA-KB	E3TA-KB	E6TA-CA
Color Code ident. (Cover)	1-White	None	None	None
Press. Spring Part No.	Belleville	Belleville	Belleville	Belleville
Quantity Required	One	One	One	One
Type (Plate)	Belleville	Belleville	Belleville	Belleville
TOTAL PLATE PRESS KG. (LB.)	673 (1925)	815 (1796)	815 (1796)	1019 (2245)

New Process 435 4-spd A/T, Clutch Usage (ALL)

Specifications	Engine/Clutch Usage			
	6.9L V-8 Diesel w/4-Speed Manual	6.9L V-8 Diesel w/5-Speed Manual Overdrive	7.5L V-8 EFI w/4-Speed Manual	7.5L V-8 EFI w/5-Speed Manual Overdrive
DISC ASSEMBLY				
Clutch Manufacturers	Luk	Valco	Luk	Luk
Disc Assy. — Part No.	E5TA-FA	E7TA-MA	E6TA-GA	E7TA-EA
Color Identification	None	None	None	None
Type (w/Spring Vbr. Damp)	Segmented	Segmented	Segmented	Segmented
O.S. Diameter (Approx.) mm (in.)	279 (11.0)	280 (11.0)	279 (11.0)	305 (12.0)
I.S. Diameter (Approx.) mm (in.)	165 (6.5)	165 (6.5)	165 (6.5)	200 (7.9)
Facing Area Sq. cm (Sq. in.)	798 (123.7)	786 (123.7)	798 (123.7)	827 (128.1)
Facing Thickness (Ea.) mm (in.)	3.65 (1.44)	3.50 (1.38)	3.65 (1.44)	3.30 (1.30)
Compressed Thickness mm (in.)	8.12 (.320)	8.12 (.320)	8.12 (.320)	7.60 (.300)
Lining Material	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos
Mfg. and Part No.	Valco F-202	Valco F-202	Valco F-202	Valco F-202
No. Torsion Springs & Color Code Identification	5-Plain-Inner 5-Plain-Outer	None	5-Plain-Inner 5-Plain-Outer	5-Plain-Inner 5-Plain-Outer
PRESSURE PLATE				
Clutch Manufacturers	Valco	Valco	Valco	Luk
Pressure Plate — Part No.	E5TA-DA	E7TA-MA	E5TA-DA	E7TA-CB
Color Code Ident. (Cover)	1-Green	None	1-Green	None
Press. Spring Part No.	Belleville	Belleville	Belleville	Belleville
Quantity Required	One	One	One	One
Type (Plate)	Belleville	Belleville	Belleville	Belleville
TOTAL PLATE PRESS KG. (LB.)	988 (2180)	TBD	988 (2180)	1019 (2245)

New Process 435 4-spd M/T, Clutch Usage (E/F Series 6.9L, 7.5L)

GEAR RATIOS — ALL VEHICLES (INCLUDES AUTOMATIC TRANSMISSION)

Gear	Manual			Automatic	
	Ratios to 1			Ford C6 3-Speed	Ford AOD
	Ford 4-Speed Overdrive	Warner T-18 4-Speed	New Process 4-Speed		
1st	3.25	6.32	6.68	2.46	2.40
2nd	1.92	3.09	3.34	1.46	1.46
3rd	1.00	1.69	1.79	1.00	1.00
4th	-	1.00	1.00	-	-
4th-OD	0.78	-	-	-	0.667
Reverse	3.25	7.44	8.26	2.18	2.00
Converter	-	-	-	1.80	2.28

New Process 435 4-spd M/T, Gear Ratios (ALL)

E-150 — 350

**4-Speed NPG 435 Manual Transmission
(Available E-350 Stripped Chassis Only)**

Upshifts When Accelerating	
Shift from:	At This Speed:
FIRST to SECOND*	10 MPH (16 km/h)
SECOND to THIRD	15 MPH (24 km/h)
THIRD to FOURTH	25 MPH (40 km/h)

Maximum Downshift Speeds**	
Downshift from:	At or below:
FOURTH to THIRD	55 MPH (88 km/h)
THIRD to SECOND	30 MPH (48 km/h)
SECOND to FIRST	0 MPH (0 km/h)

*Driving from a standing position in second gear is recommended in moving a vehicle with a NPG 435 manual transmission unless the vehicle has a significant load or is on a significant grade in which case first gear should be used.

**Downshift at lower speeds when driving on slippery surfaces.

New Process 435 4-spd M/T, Upshifts/Downshifts-MPH (E-150-350)
TOD 4-SPD M/T

Specifications	Engine/Clutch Usage			
	4.9L I-6 EFI w/4-Speed Manual Overdrive under 8500 Lbs. GVWR	4.9L I-6 EFI w/4-Speed Manual under 8500 Lbs. GVWR & 4.9L I-6 EFI over 8500 Lbs. GVWR	5.0L V-8 EFI	5.8L V-8 4V over 8500 Lbs. GVWR
DISC ASSEMBLY				
Clutch Manufacturers	Alma	Luk	Luk	Luk
Disc Assy. — Part No.	E7TA-HB	E3TA-KA	E3TA-JA	E6TA-GA
Color Identification	2 White	None	None	None
Type (w/Spring Vbr. Damp)	Torsion Bend	Segmented	Segmented	Segmented
O.S. Diameter (Approx.) mm (in.)	254 (10.0)	279 (11.0)	279 (11.0)	279 (11.0)
I.S. Diameter (Approx.) mm (in.)	158 (6.25)	198 (7.8)	198 (7.8)	165 (6.5)
Facing Area Sq. cm (Sq. in.)	617.4 (95.7)	616 (95.5)	616 (95.5)	788 (123.7)
Facing Thickness (Ea.) mm (in.)	3.48 (.137)	3.3 (.130)	3.3 (.130)	3.65 (.144)
Compressed Thickness mm (in.)	8.19 (.322)	7.60 (.300)	7.60 (.300)	8.13 (.320)
Lining Material	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos
Mfg. and Part No.	Valco F-202	Valco F-202	Valco F-202	Valco F-202
No. Torsion Springs & Color Code Identification	5-Red-Inner 5-White-Outer	4-Plain-Inner 4-Plain-Outer	5-Plain-Inner 5-Plain-Outer	5-Plain-Inner 5-Plain-Outer
PRESSURE PLATE				
Clutch Manufacturers	Alma	Luk	Luk	Luk
Pressure Plate — Part No.	E7TA-HA	E3TA-KB	E3TA-KB	E6TA-CA
Color Code ident. (Cover)	1-White	None	None	None
Press. Spring Part No.	Belleville	Belleville	Belleville	Belleville
Quantity Required	One	One	One	One
Type (Plate)	Belleville	Belleville	Belleville	Belleville
TOTAL PLATE PRESS KG. (LB.)	673 (1925)	815 (1796)	815 (1796)	1019 (2245)

New Process 435 4-spd A/T, Clutch Usage (ALL)

Specifications	Engine/Clutch Usage			
	6.9L V-8 Diesel w/4-Speed Manual	6.9L V-8 Diesel w/5-Speed Manual Overdrive	7.5L V-8 EFI w/4-Speed Manual	7.5L V-8 EFI w/5-Speed Manual Overdrive
DISC ASSEMBLY				
Clutch Manufacturers	Luk	Valco	Luk	Luk
Disc Assy. — Part No.	E5TA-FA	E7TA-MA	E6TA-GA	E7TA-EA
Color Identification	None	None	None	None
Type (w/Spring Vbr. Damp)	Segmented	Segmented	Segmented	Segmented
O.S. Diameter (Approx.) mm (in.)	279 (11.0)	280 (11.0)	279 (11.0)	305 (12.0)
I.S. Diameter (Approx.) mm (in.)	165 (6.5)	165 (6.5)	165 (6.5)	200 (7.9)
Facing Area Sq. cm (Sq. in.)	798 (123.7)	786 (123.7)	798 (123.7)	827 (128.1)
Facing Thickness (Ea.) mm (in.)	3.65 (1.44)	3.50 (1.38)	3.65 (1.44)	3.30 (1.30)
Compressed Thickness mm (in.)	8.12 (.320)	8.12 (.320)	8.12 (.320)	7.60 (.300)
Lining Material	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos	Woven Non-Asbestos
Mfg. and Part No.	Valco F-202	Valco F-202	Valco F-202	Valco F-202
No. Torsion Springs & Color Code Identification	5-Plain-Inner 5-Plain-Outer	None	5-Plain-Inner 5-Plain-Outer	5-Plain-Inner 5-Plain-Outer
PRESSURE PLATE				
Clutch Manufacturers	Valco	Valco	Valco	Luk
Pressure Plate — Part No.	E5TA-DA	E7TA-MA	E5TA-DA	E7TA-CB
Color Code Ident. (Cover)	1-Green	None	1-Green	None
Press. Spring Part No.	Belleville	Belleville	Belleville	Belleville
Quantity Required	One	One	One	One
Type (Plate)	Belleville	Belleville	Belleville	Belleville
TOTAL PLATE PRESS KG. (LB.)	988 (2180)	TBD	988 (2180)	1019 (2245)

New Process 435 4-spd M/T, Clutch Usage (E/F Series 6.9L, 7.5L)

Bronco		
5.0L EFI Engines with 4-Speed Manual Overdrive		
Maximum Downshift Speeds		
Shift from:	Transfer Case Position	
	2H or 4H	4L
OVERDRIVE to THIRD	55 MPH (88 km/h)	22 MPH (35.4 km/h)
THIRD to SECOND	35 MPH (56.3 km/h)	14 MPH (22.5 km/h)
SECOND to FIRST	20 MPH (32.2 km/h)	8 MPH (12.9 km/h)

Ford Overdrive 4-spd M/T, Shift Speeds (5.0L Bronco)

E-150 — 350	
4-Speed Overdrive Manual Transmission	
Upshifts When Accelerating	
Upshift from:	At This Speed:
FIRST to SECOND	15 MPH (24 km/h)
SECOND to THIRD	25 MPH (40 km/h)
THIRD to OVERDRIVE	40 MPH (64 km/h)

Maximum Downshift Speeds*	
Downshift from:	At or below:
OVERDRIVE to THIRD	55 MPH (88 km/h)
THIRD to SECOND	35 MPH (56 km/h)
SECOND to FIRST	20 MPH (32 km/h)

Ford Overdrive 4-spd M/T, Shift Speeds (E150-350)

SHIFT SPEEDS	
E-150 — 350	
*4.9L EFI & 5.0L EFI Engines with 4-Speed Overdrive Manual Transmission	
Upshifts: Normal Accelerating	
Shift from:	At This Speed:
FIRST to SECOND	12 MPH (19 km/h)
SECOND to THIRD	24 MPH (38 km/h)
THIRD to OVERDRIVE	40 MPH (64 km/h)

Upshifts: Cruising Conditions	
Shift from:	At This Speed:
FIRST to SECOND	10 MPH (16 km/h)
SECOND to THIRD	20 MPH (32 km/h)
THIRD to OVERDRIVE	33 MPH (53 km/h)

Maximum Down Shift Speeds (for OVERDRIVE)**	
Shift from:	At This Speed:
OVERDRIVE to THIRD	55 MPH (88 km/h)
THIRD to SECOND	35 MPH (56 km/h)
SECOND to FIRST	20 MPH (32 km/h)

Ford Overdrive 4-spd M/T, Shift Speeds (4.9L/5.0L E150-350)

GEAR RATIOS — ALL VEHICLES (INCLUDES AUTOMATIC TRANSMISSION)

Gear	Manual			Automatic	
	Ratios to 1			Ford C6 3-Speed	Ford AOD
	Ford 4-Speed Overdrive	Warner T-18 4-Speed	New Process 4-Speed		
1st	3.25	6.32	6.68	2.46	2.40
2nd	1.92	3.09	3.34	1.46	1.46
3rd	1.00	1.69	1.79	1.00	1.00
4th	-	1.00	1.00	-	-
4th-OD	0.78	-	-	-	0.667
Reverse	3.25	7.44	8.26	2.18	2.00
Converter	-	-	-	1.80	2.28

New Process 435 4-spd M/T, Gear Ratios (ALL)

Four Speed Overdrive Transmission Component End Play		
Component	Tolerance	
	Inches	Millimeters
Cluster Gear to Case	.004-.018	.101-.457
Reverse Idler Gear to Case	.004-.018	.101-.457

Ford Overdrive 4-spd M/T, Transmission End Play

Bronco 4.9L EFI Engine and 4-Speed Overdrive Manual Transmission		
Upshifts When Accelerating 2H or 4H		4L
Shift from:	At This Speed:	
FIRST to SECOND	15 MPH (24 km/h)	6 MPH (10 km/h)
SECOND to THIRD	25 MPH (40 km/h)	10 MPH (16 km/h)
THIRD to OVERDRIVE	40 MPH (64 km/h)	16 MPH (26 km/h)
Maximum Downshift Speeds 2H or 4H		4L
Shift from:	At or below This Speed:	
OVERDRIVE to THIRD	55 MPH (88 km/h)	22 MPH (35 km/h)
THIRD to SECOND	35 MPH (56 km/h)	14 MPH (23 km/h)
SECOND to FIRST	20 MPH (32 km/h)	8 MPH (13 km/h)

Ford Overdrive 4-spd M/T, Shift Speeds (4.9L Bronco)

Bronco**5.0L EFI Engines with 4-Speed Manual
Overdrive Transmission**

Upshifts: Normal Acceleration		
Shift from:	Transfer Case Position	
	2H or 4H	4L
FIRST to SECOND	12 MPH (19.3 km/h)	6 MPH (9.7 km/h)
SECOND to THIRD	24 MPH (38.6 km/h)	10 MPH (16.1 km/h)
THIRD to OVERDRIVE	40 MPH (64.4 km/h)	16 MPH (25.7 km/h)
Upshifts: Cruising Conditions		
Shift from:	Transfer Case Position	
	2H or 4H	4L
FIRST to SECOND	10 MPH (16.1 km/h)	6 MPH (9.7 km/h)
SECOND to THIRD	20 MPH (32.2 km/h)	10 MPH (16.1 km/h)
THIRD to OVERDRIVE	33 MPH (53.1 km/h)	16 MPH (25.7 km/h)

Ford Overdrive 4-spd M/T, Shift Speeds (5.0L Bronco)