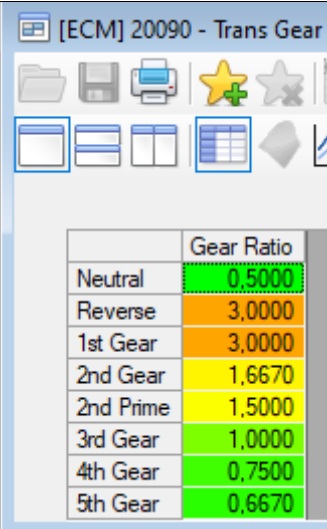
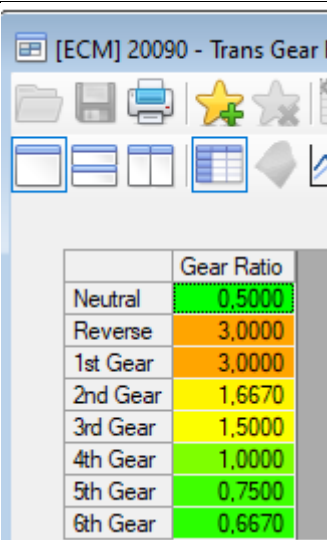


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Transmission

General Manual Shift General Shift Scheduling Shift Pressures Torque Converter Torque Management

General
 2-2 Prime Enable Disabled v

Acceleration Limits

Limit A, 1-2	Limit B, 1-2
Limit A, 1-2 Prime	Limit B, 1-2 Prime
Limit A, 2-2 Prime	Limit B, 2-2 Prime
Limit A, 2 Prime-3	Limit B, 2 Prime-3
Limit A, 2-3	Limit B, 2-3
Limit A, 3-4	Limit B, 3-4
Limit A, 4-5	Limit B, 4-5

Desired Acceleration Offset

Offset A, 1-2	900 rpm/s
Offset B, 1-2	1 400 rpm/s
Offset A, 1-2 Prime	0 rpm/s
Offset B, 1-2 Prime	0 rpm/s
Offset A, 2-2 Prime	375 rpm/s
Offset B, 2-2 Prime	1 000 rpm/s
Offset A, 2 Prime-3	375 rpm/s
Offset B, 2 Prime-3	600 rpm/s
Offset A, 2-3	375 rpm/s
Offset B, 2-3	600 rpm/s
Offset A, 3-4	350 rpm/s
Offset B, 3-4	150 rpm/s
Offset A, 4-5	0 rpm/s
Offset B, 4-5	0 rpm/s

Desired Acceleration at WOT

1-2	-7 500 rpm/s
1-2 Prime	-7 000 rpm/s
2-2 Prime	-1 800 rpm/s
2 Prime-3	-5 850 rpm/s
2-3	-7 100 rpm/s
3-4	-4 385 rpm/s
4-5	-7 500 rpm/s

Ramp Rate of Acceleration

Ramp Rate A, 1-2	1.170
Ramp Rate B, 1-2	1.548
Ramp Rate A, 1-2 Prime	0.398
Ramp Rate B, 1-2 Prime	0.647
Ramp Rate A, 2-2 Prime	1.014
Ramp Rate B, 2-2 Prime	0.998
Ramp Rate A, 2 Prime-3	1.018
Ramp Rate B, 2 Prime-3	1.349
Ramp Rate A, 2-3	1.014
Ramp Rate B, 2-3	1.349
Ramp Rate A, 3-4	0.683
Ramp Rate B, 3-4	0.850
Ramp Rate A, 4-5	0.468
Ramp Rate B, 4-5	0.624

[ECM] 10122 - Acceleration Offset B, 4-5: Offset B for desired acceleration for 4-5 shift.

-32 768 to 32 767

Transmission

General

Manual

Shift General

Shift Scheduling

Shift Pressures

Torque Converter

Torque Management

Low

Normal

Overdrive

Normal Shifts

Cold Shifts

Super Cold Shifts

1-2

2-1

2-2 Prime

2 Prime-2

2 Prime-3

3-2 Prime

2-3

3-4

4-3

4-5

5-4

1-2

2-1

2-2 Prime

2 Prime-2

2 Prime-3

3-2 Prime

2-3

3-4

4-3

4-5

5-4

Driver Select Mode

1-2

2-1

2-2 Prime

2 Prime-2

2 Prime-3

3-2 Prime

2-3

3-4

4-3

4-5

5-4

Tow/Haul

2-2 Prime

2 Prime-2

2 Prime-3

3-2 Prime

2-3

3-4

4-3

4-5

5-4

Overdrive, 4WD Low

1-2

2-1

2-2 Prime

2 Prime-2

2 Prime-3

3-2 Prime

2-3

3-4

4-3

4-5

5-4

Drive

2-2 Prime

2 Prime-2

2 Prime-3

3-2 Prime

2-3

3-4

4-3

4-5

5-4

WOT

1-2

5 600 rpm

2-2 Prime

5 600 rpm

2-3

5 600 rpm

2 Prime-3

5 600 rpm

3-4

5 600 rpm

[ECM] 45951 - Shift RPM vs. TPS, 4-5: Output shaft speed at or above which the transmission will shift 4-5 when the selector is in drive and Tow/Haul mode is on.

0 to 8 160 rpm

Transmission

General

Manual

Shift General

Shift Scheduling

Shift Pressures

Torque Converter

Torque Management

General

Upshift

General

Max Pressure Lock

931

kPa

Max Pressure Neutral

862

kPa

Max Pressure Reverse

1.724

kPa

Min Line Pressure

345

kPa

Max Line Pressure

Pressure Gain Neutral

0.300

Pressure Gain Reverse

0.800

Pressure Fluid Temp

21

Pressure Gain/Gear

[ECM] 10108 - Line Pressure Based on Fluid Temp: Line pressure multiplier determined by fluid temperature.

0 to 64

Transmission

General

Manual

Shift General

Shift Scheduling

Shift Pressures

Torque Converter

Torque Management

General

Upshift

Duty Cycle

Initial Value

1-2

2-2 Prime

2-3

2 Prime-3

3-4

4-5

[ECM] 10108 - Line Pressure Based on Fluid Temp: Line pressure multiplier determined by fluid temperature.

0 to 64

Transmission

General

Manual

Shift General

Shift Scheduling

Shift Pressures

Torque Converter

Torque Management

General

Apply/Release

General

TCC Shift Slip

50

rpm

TCC Shift Slip Thresh

50

rpm

TCC Shift Speed

6 000

rpm

Turbine Thresholds

Minimum Thresh

6 000

rpm

TCC Duty Cycle

Shift Down Threshold

40

%

Shift Up Threshold

50

%

[ECM] 10202 - OSS Threshold for Applying TCC: Minimum OSS threshold for applying the TCC

0 to 65 535 rpm

transmission		Manual		Shift General		Shift Scheduling		Shift Pressures		Torque Converter		Torque Management																	
General												Apply/Release																	
Partial TCC Apply				Closed Throttle TCC Apply				Unlock to Partial Lock				Full to Partial Lock																	
Normal Mode				Normal Mode				Normal Mode				Normal Mode																	
2nd Gear		6 000 rpm		2nd Gear		2 872 rpm		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear											
2nd Prime		6 000 rpm		2nd Prime		2 580 rpm		4th Gear		5th Gear				4th Gear		5th Gear													
3rd Gear		1 100 rpm		3rd Gear		1 720 rpm		Alternate Mode		2nd Gear		2nd Prime		3rd Gear		Alternate Mode		2nd Gear		2nd Prime		3rd Gear							
4th Gear		1 100 rpm		4th Gear		1 290 rpm		4th Gear		5th Gear				4th Gear		5th Gear		4th Gear		5th Gear									
5th Gear		900 rpm		5th Gear		1 152 rpm		Driver Select Mode		2nd Gear		2nd Prime		3rd Gear		Driver Select Mode		2nd Gear		2nd Prime		3rd Gear							
Alternate Mode				MDS Mode				Driver Select Mode				Driver Select Mode																	
2nd Gear		3 100 rpm		2nd Gear		6 000 rpm		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear					
2nd Prime		2 800 rpm		2nd Prime		6 000 rpm		2nd Prime		6 000 rpm				4th Gear		5th Gear		4th Gear		5th Gear									
3rd Gear		1 100 rpm		3rd Gear		6 000 rpm		3rd Gear		6 000 rpm		Cruise Control		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear					
4th Gear		1 100 rpm		4th Gear		6 000 rpm		4th Gear		6 000 rpm		4th Gear		5th Gear				4th Gear		5th Gear									
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Driver Select Mode				Tow/Haul Mode				Partial to Full Lock				Normal Mode																	
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2nd Prime		900 rpm		2nd Prime		6 000 rpm		2nd Prime		6 000 rpm		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear							
3rd Gear		900 rpm		3rd Gear		1 900 rpm		3rd Gear		1 900 rpm		Alternate Mode		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear					
4th Gear		900 rpm		4th Gear		1 400 rpm		4th Gear		1 400 rpm		4th Gear		5th Gear				4th Gear		5th Gear									
5th Gear		900 rpm		5th Gear		1 152 rpm		5th Gear		1 152 rpm		Driver Select Mode		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear					
Unlock				Driver Select Mode				Driver Select Mode				Driver Select Mode																	
2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear	
4th Gear		5th Gear		4th Gear		5th Gear		3rd Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear									
Alternate Mode				Alternate Mode				Alternate Mode				Alternate Mode																	
2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear	
4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear							
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4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear							
Cruise Control				Cruise Control				Cruise Control				Cruise Control																	
2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear		2nd Gear		2nd Prime		3rd Gear	
4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear		4th Gear		5th Gear							
[ECM] 10529 - Partial TCC Apply Min Turbine Speed. 5th Gear: Minimum Turbine speed for partial TCC Apply in 5th Gear																								0 to 65 535 rpm					

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[ECM] 5424 - Upshift Use Airflow Control B: Master enable for transmission torque management to use airflow control B.																																																																																																																																				