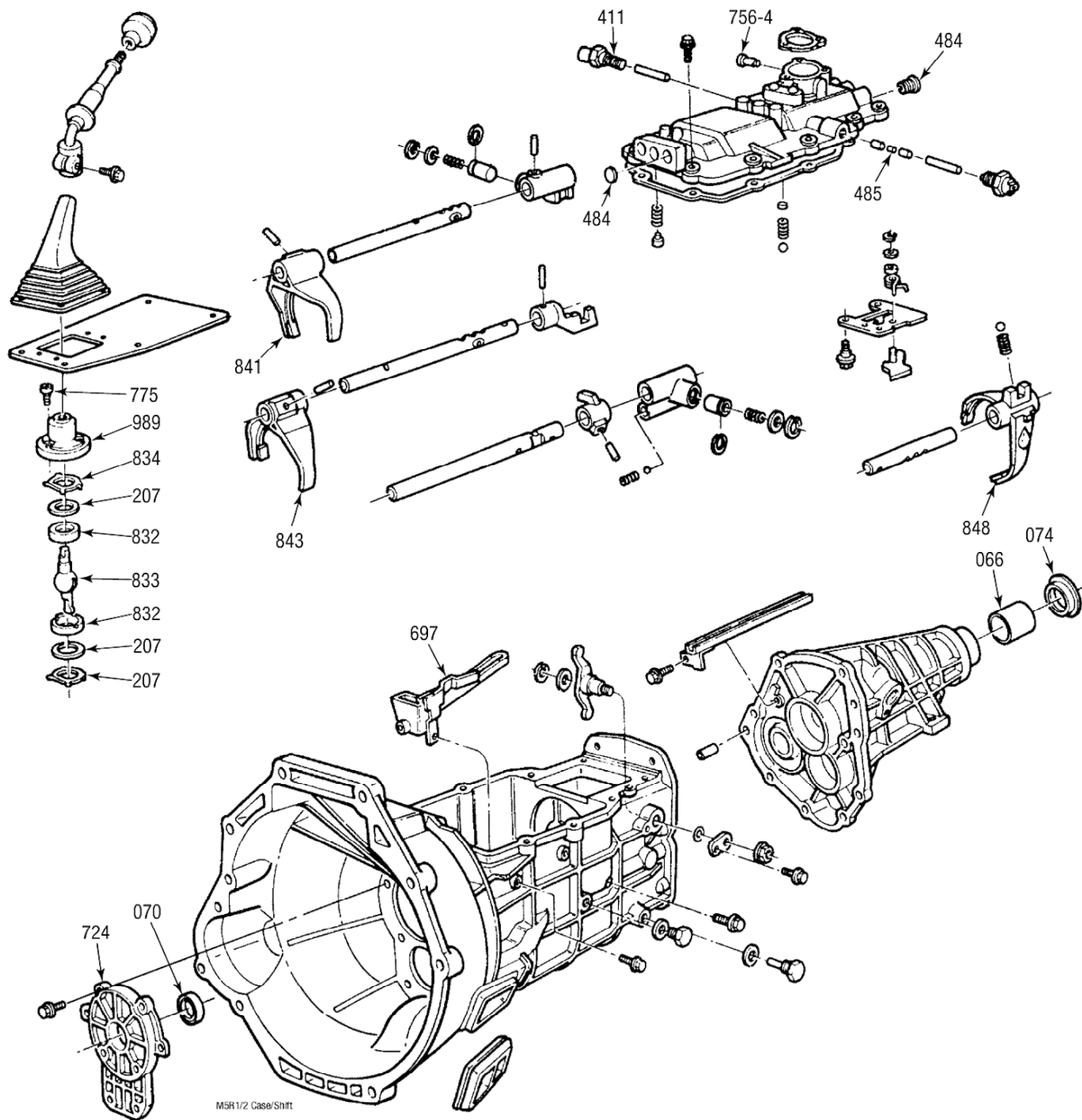
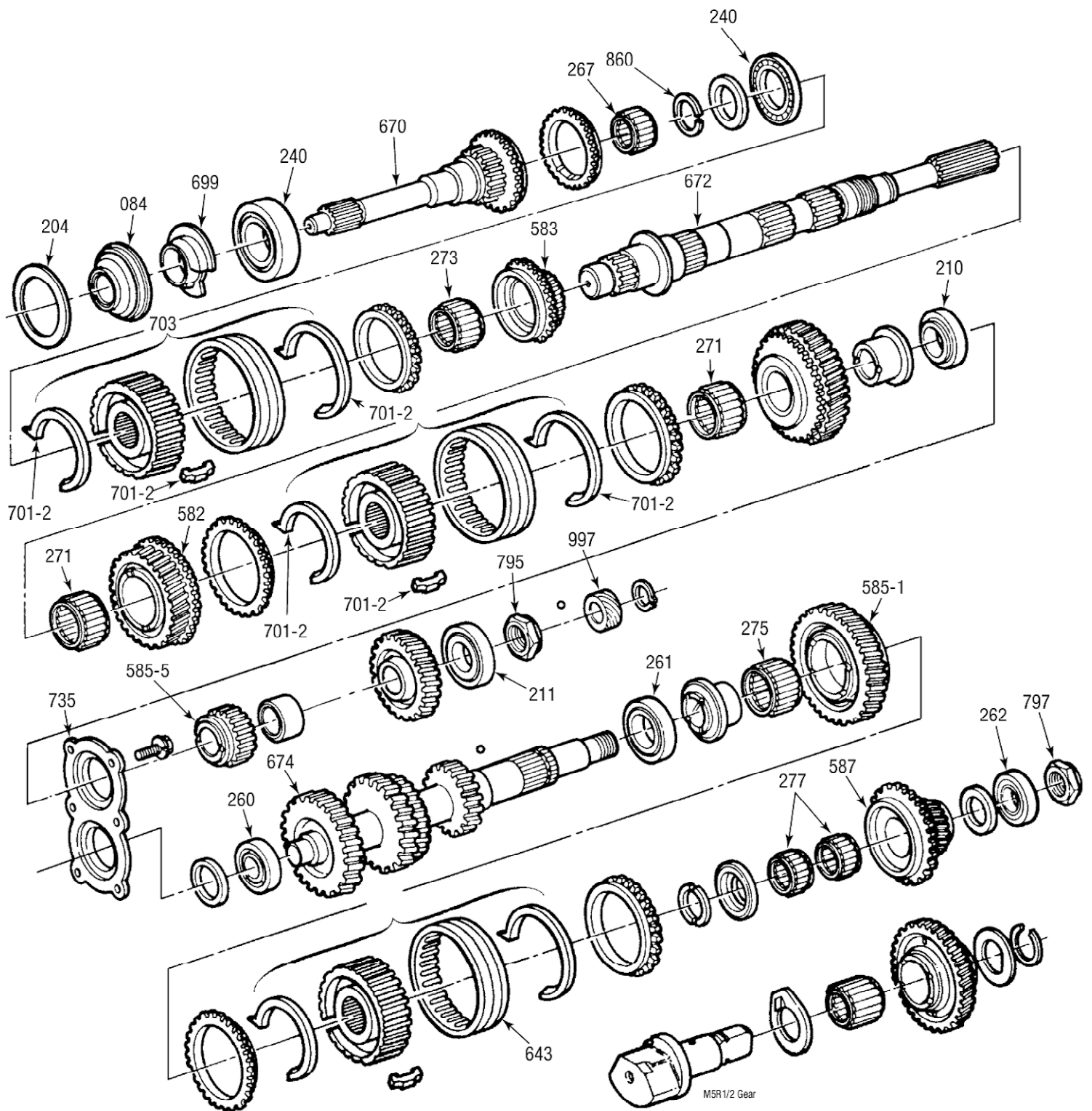






Mazda Ranger Unit list - be sure to verify everything

The part number will tell you what the unit is, all will start with TM5R1F- (except the 2002-2003 Explorers that have the end loaded M5R4 they are TM5R4F-1 for 4X2 and TM5R4-2 for 4X4)

The next number will tell you the engine and 4X2 or 4X4.

All odd numbers are 4X2 and all even are 4X4

1 and 2 are 2.3L and 2.5L

3 and 4 are 2.9L

5 and 6 are 3.0L

7 and 8 are 4.0L

The next digit is for the top cover

“S” for the 1988-94 short cover with the 4-5/8” long stub

“T” for the 1995-2011 tall cover with the 5” long stub

The next digit is for the speedo style

“P” for the 6 tooth purple gear

“W” for the 7 tooth white gear

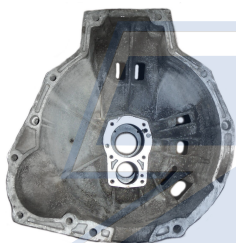
“G” for the 8 tooth green gear

“N” for the ones that do not have a speedo gear or a tone wheel

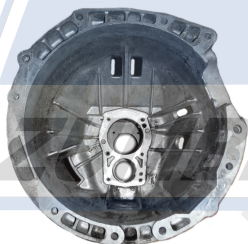
“E” for the reluctor wheel that is used with the magnetic VSS

There are 4 Possible Main Cases

1988-1997 2.3L and 1998-2001 2.5L



2001-2010 2.3L

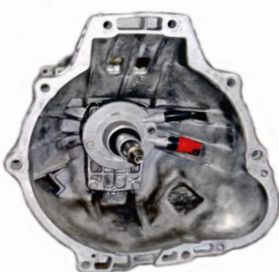


All 3.0L's



All 2.9L

All 4.0L



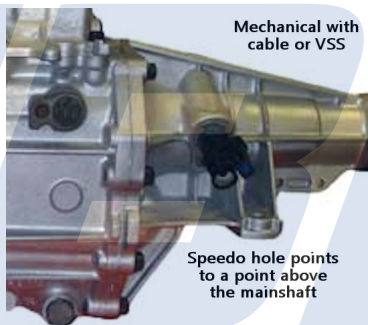
3 Different 4X2 tail housings

1988-97 2.3L

1988-92 2.9L

1991-97 3.0L

1990-97 4.0L



Mechanical with cable or VSS

Speedo hole points to a point above the mainshaft

1998-2001 2.5L

1998-2000 3.0L

1998-2004 4.0L

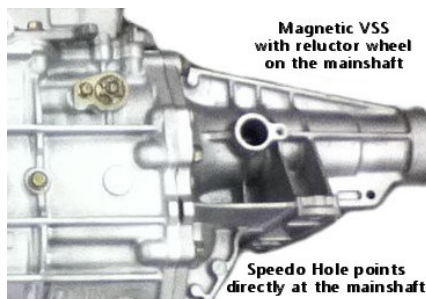


No speedo hole

2001-2010 2.3L

2001-2008 3.0L

2001-2009 4.0L



Magnetic VSS with reluctor wheel on the mainshaft

Speedo Hole points directly at the mainshaft

Three Different Top Covers

4-5/8” Stub

1988-1994 2.3L

1991-1994 3.0L

4-5/8” Stub

1988-1992 2.9L

1990-1994 4.0L

5” Stub

1995-2011 All



One Switch



Two Switch



One Switch

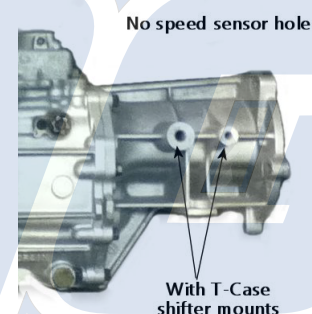
3 Different 4X4 tail housings

1988-1997 2.3L

1988-1992 2.9L

1991-2004 3.0L (01-04 Manual Shift T-Case)

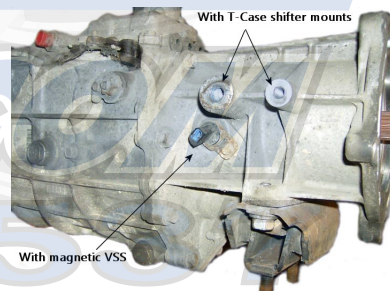
1990-2004 4.0L (01-04 Manual Shift T-Case)



No speed sensor hole

With T-Case shifter mounts

2001-2004 4.0L W/manual shift T-Case (very rare)



With T-Case shifter mounts

With magnetic VSS

2001-2008 3.0L (01-04 Electric Shift T-Case)

2001-2011 4.0L (01-04 Electric Shift T-Case)



No T-Case shifter mounts

With magnetic VSS

PartNumber	Description
TM5R1F-1SP	1994 B2300, 1988-1994 Ranger, 2.3L, 4X2, 4-5/8 Inch long Shifter Stub, One Switch Top Cover, Gear Driven Speedo, Purple 6 Tooth Speedo Gear, Tag Numbers: F27A-UA, F57A-AA, F67A-AAA, Hollander Number: 400-02267
TM5R1F-1SW	1994 B2300, 1988-1994 Ranger, 2.3L, 4X2, 4-5/8 Inch long Shifter Stub, One Switch Top Cover, Gear Driven Speedo, White 7 Tooth Speedo Gear, Tag Numbers: F27A-UA, F57A-AA, F67A-AAA, Hollander Number: 400-02267
TM5R1F-1SG	1994 B2300, 1988-1994 Ranger, 2.3L, 4X2, 4-5/8 Inch long Shifter Stub, One Switch Top Cover, Gear Driven Speedo, Green 8 Tooth Speedo Gear, Tag Numbers: F27A-UA, F57A-AA, F67A-AAA, Hollander Number: 400-02267
TM5R1F-1TP	1995-1997 B2300, 1995-1997 Ranger, 2.3L, 4X2, 5 Inch long Shifter Stub, One Switch Top Cover, Gear Driven Speedo, Purple 6 Tooth Speedo Gear, Tag Numbers: F27A-UA, F57A-AA, F67A-AAA, Hollander Number: 400-02267
TM5R1F-1TW	1995-1997 B2300, 1995-1997 Ranger, 2.3L, 4X2, 5 Inch long Shifter Stub, One Switch Top Cover, Gear Driven Speedo, White 7 Tooth Speedo Gear, Tag Numbers: F27A-UA, F57A-AA, F67A-AAA, Hollander Number: 400-02267
TM5R1F-1TG	1995-1997 B2300, 1995-1997 Ranger, 2.3L, 4X2, 5 Inch long Shifter Stub, One Switch Top Cover, Gear Driven Speedo, Green 8 Tooth Speedo Gear, Tag Numbers: F27A-UA, F57A-AA, F67A-AAA, Hollander Number: 400-02267
TM5R1F-1TN	1998-2001 B2500, 1998-2001 Ranger, 2.5L, 4X2, 5 Inch long Shifter Stub, One Switch Top Cover, No Vehicle Speed Sensor Or Speedo Hole, Tag Numbers: F87A-AA, F87A-AB, Hollander Number: 400-03218
TM5R1F-1TE	2001-2010 B2300, 2001-2011 Ranger, 2.3L, 4X2, 5 Inch long Shifter Stub, One Switch Top Cover, Uses Reluctor Wheel Speedo Gear For The Vehicle Speed Sensor, Tag Numbers: 1L54-AA, 6L54-AA, 7L54-AB, 8L54-AA, 8L54-AB, Hollander Number: 400-03950
TM5R1F-2SN	1994 B2300, 1988-1994 Ranger, 2.3L, 4X4, 4-5/8 Inch long Shifter Stub, One Switch Top Cover, No Speedo Or Vehicle Speed Sensor, With Transfer Case Shifter Mounts On The Tail, Tag Numbers: E87A-FC, E87A-FF, E87A-FG, F17A-LB, F27A-VA, Hollander Number: 400-02269
TM5R1F-2TN	1995-1997 B2300, 1995-1997 Ranger, 2.3L, 4X4, 5 Inch long Shifter Stub, One Switch Top Cover, No Speedo Or Vehicle Speed Sensor, With Transfer Case Shifter Mounts On The Tail, Tag Numbers: E87A-FC, E87A-FF, E87A-FG, F17A-LB, F27A-VA, Hollander Number: 400-02269
TM5R1F-3SP	1988-1990 Bronco II, 1988-92 Ranger 2.9L, 4X2, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, 6 Tooth Purple Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Numbers: 400-02433C, 400-03300

PartNumber	Description
TM5R1F-3SW	1988-1990 Bronco II, 1988-92 Ranger 2.9L, 4X2, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, 7 Tooth White Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Numbers: 400-02433C, 400-03300
TM5R1F-3SG	1988-1990 Bronco II, 1988-92 Ranger 2.9L And 4.0L, 4X2, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, 8 Tooth Green Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Numbers: 400-02433C, 400-03300
TM5R1F-4SN	1988-1990 Bronco II 4x4 And 4X2 With A BW1359 Dummy Transfer Case, 1988-92 Ranger, 2.9L, 4X4, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, No Speedo Gear Or Vehicle Speed Sensor, With Transfer Case Shifter Mounting Boss On Tail Housing, Tag Numbers: 93GTR-AA, 93GTR-AB, E97A-PA, F57A-FA, F70F-NA, Hollander Numbers: 400-02433A, 400-02433B, 400-03468A
TM5R1F-5SP	1994 B3000, 1991-1994 Ranger, 3.0L, 4X2, 4-5/8 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 6 Tooth Purple Speedo Gear, Hollander Number: 400-02453
TM5R1F-5SW	1994 B3000, 1991-1994 Ranger, 3.0L, 4X2, 4-5/8 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 7 Tooth White Speedo Gear, Hollander Number: 400-02453
TM5R1F-5SG	1994 B3000, 1991-1994 Ranger, 3.0L, 4X2, 4-5/8 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 8 Tooth Green Speedo Gear, Hollander Number: 400-02453
TM5R1F-5TP	1995-1997 B3000, 1995-1997 Ranger, 3.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 6 Tooth Purple Speedo Gear, Hollander Number: 400-03108
TM5R1F-5TW	1995-1997 B3000, 1995-1997 Ranger, 3.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 7 Tooth White Speedo Gear, Hollander Number: 400-03108
TM5R1F-5TG	1995-1997 B3000, 1995-1997 Ranger, 3.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 8 Tooth Green Speedo Gear, Hollander Number: 400-03108
TM5R1F-5TN	1998-2000 B3000, 1998-2000 Ranger, 3.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, No Speedo Or Vehicle Speed Sensor, Tag Number: F87A-CA, Hollander Number: 400-03219A
TM5R1F-5TE	2001-2008 B3000, 2001-2008 Ranger, 3.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Uses Reluctor Wheel Speedo Gear For The Vehicle Speed Sensor, Tag Number: 1L54-CA, 1L54-CB, 6L54-CA, 7L54-CB, 8L54-CA, F87A-CA, Hollander Number: 400-03219B

PartNumber	Description
TM5R1F-6SN	1994 B3000, 1991-1994 Ranger, 3.0L, 4X4, 4-5/8 Inch Long Shifter Stub, One Switch Top Cover, No Speedo Or Vehicle Speed Sensor, Tag Numbers: 93GTE-AA, 93GTE-AB, Hollander Number: 400-02454
TM5R1F-6TN	1995-2000 B3000, 1995-2004 Ranger, 3.0L, 4X4, 5 Inch Long Shifter Stub, One Switch Top Cover, No Speedo Or Vehicle Speed Sensor, With Transfer Case Shifter Mounting Boss On The Tail, Tag Number: F87A-DA, Hollander Numbers: 400-03109, 400-03220
TM5R1F-6TE	2001-2002 B3000, 2002-2008 Ranger, 3.0L, 4X4, 5 Inch Long Shifter Stub, One Switch Top Cover, Uses Reluctor Wheel Speedo Gear For The Vehicle Speed Sensor In The Tail, No Transfer Case Shifter Mounts On The Tail, Tag Numbers: 1L54-DA, 6L54-DA, 7L54-DB, 8L54-DA, Hollander Number: 400-03952
TM5R1F-7SP	1991-1994 Explorer 4.0L, 1994 B4000 4.0L, 1991-1994 Navajo 4.0L, 1990-94 Ranger 4.0L, 4X2, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, 6 Tooth Purple Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Numbers: 400-03300
TM5R1F-7SW	1991-1994 Explorer 4.0L, 1994 B4000 4.0L, 1991-1994 Navajo 4.0L, 1990-94 Ranger 4.0L, 4X2, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, 7 Tooth White Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Number: 400-03300
TM5R1F-7SG	1991-1994 Explorer 4.0L, 1994 B4000 4.0L, 1991-1994 Navajo 4.0L, 1990-94 Ranger 4.0L, 4X2, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, 8 Tooth Green Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Number: 400-03300
TM5R1F-7TP	1995-1997 Explorer, 1995-1997 B4000, 1995-1997 Ranger, 4.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 6 Tooth Purple Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Number: 400-03300
TM5R1F-7TW	1995-1997 Explorer, 1995-1997 B4000, 1995-1997 Ranger, 4.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 7 Tooth White Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Number: 400-03300
TM5R1F-7TG	1995-1997 Explorer, 1995-1997 B4000, 1995-1997 Ranger, 4.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Mechanical Speedo, 8 Tooth Green Speedo Gear, Tag Numbers: E87A-NC, E87A-ND, E87A-NE, E87A-NF, E87A-NG, E97A-EA, F57A-CA, F57A-EA, Hollander Number: 400-03300
TM5R1F-7TN	1998-2001 Explorer exc Sport Trac, 1998-2000 B4000, 1998-2004 Ranger, 4.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, No Speedo Gear Or Vehicle Speed Sensor, Tag Number: F87A-EA, Hollander Number: 400-03191
TM5R1F-7TE	2001-2003 Explorer 2 Door Sport and 4 Door Sport Trac, 2001-2009 B4000, 2001-2011 Ranger, 4.0L, 4X2, 5 Inch Long Shifter Stub, One Switch Top Cover, Uses Reluctor Wheel Speedo Gear For The Vehicle Speed Sensor, Tag Numbers: 1L54-GB, 6L54-EA, 7L54-EB, 8L54-EA, Hollander Number: 400-03728

PartNumber	Description
TM5R1F-8SN	1991-1994 Explorer 4.0L, 1994 B4000 4.0L, 1991-1994 Navajo 4.0L, 1990-94 Ranger 4.0L, 4X4, 4-5/8 Inch Long Shifter Stub, Two Switch Top Cover, No Speedo Gear Or Vehicle Speed Sensor, With Transfer Case Shifter Mounting Boss On Tail Housing, Tag Numbers: F07A-CA, F17A-RA, F17A-RB, F17A-RC, F27A-ZA, F57A-FA, Hollander Number: 400-03468A
TM5R1F-8TN	1995-1997 Explorer, 1998-2001 Explorer exc Sport Trac, 1995-2000 B4000, 1995-2004 Ranger, 4.0L, 4X4, 5 Inch Long Shifter Stub, One Switch Top Cover, No Speedo Gear Or Vehicle Speed Sensor, With Transfer Case Shifter Mounting Boss, Tag Numbers: F07A-CA, F17A-RA, F17A-RB, F17A-RC, F27A-ZA, F57A-FA, F87A-FA, Hollander Number: 400-03468A, 400-03468B
TM5R1F-8TE	2001-2003 Explorer 2 Door Sport and 4 Door Sport Trac, 2001-2009 B4000, 2001-2011 Ranger, 4.0L, 4X4, 5 Inch Long Shifter Stub, One Switch Top Cover, Uses Reluctor Wheel Speedo Gear For The Vehicle Speed Sensor, No Transfer Case Shifter Mounts On The Tail, Hollander Number: 400-03729A
TM5R1F-8TEX	2001-2004 Ranger, 4.0L, 4X4, 5 Inch Long Shifter Stub, One Switch Top Cover, Uses Reluctor Wheel Speedo Gear For The Vehicle Speed Sensor, With Transfer Case Shifter Mounting Boss On Tail Housing, Tag Number: 1L54-MA, Hollander Number: 400-03729B
TM5R4F-1	2002-2003 Explorer 4 Door exc Sport Trac, End Load Design, No Top Cover, Shifter Mounts In The Tail, 4.0L, 4X2, Tag Numbers: 1L24-AB, 1L24-AC, 1L24-AD, 1L24-AE, 1L24-AF, Hollander Numbers: 400-03946A, 400-03946B, 400-03946C
TM5R4F-2	2002-2003 Explorer 4 Door exc Sport Trac, End Load Design, No Top Cover, Shifter Mounts In The Tail, Has Seven Bolt Triangular Tail, 4.0L, 4X4, Tag Numbers: 1L24-BA, 1L24-BB, 1L24-BC, 1L24-BD, 1L24-BE, 1L24-CA, 1L24-CC, Hollander Numbers: 400-03948, 400-03949

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