

# MERITOR ZF TRANSMISSION INDEX

TRANSMISSION MAKE & MODEL	P.T.O. APPLICATION NUMBER	TEETH IN PTO DRIVER
M-11F10A-E11 (S11)	MET-1	45R&45B
M-11F9A-E11 (S11)	MET-1	45R&45B
M-11G10A-M11 (D11) (E11) (S11)	MET-1	45R&45B
M-11G9A-M11 (D11) (E11) (S11)	MET-1	45R&45B
M-12F10A-E12 (S12)	MET-1	45R&45B
M-12F9A-E12 (S12)	MET-1	45R&45B
M-12G10A-M12 (D12) (E12) (S12)	MET-1	45R&45B
M-12G9A-M12 (D12) (E12) (S12)	MET-1	45R&45B
M-13F10A-E13 (S13)	MET-1	45R&45B
M-13F9A-E13 (S13)	MET-1	45R&45B
M-13G10A-M13 (D13) (E13) (S13)	MET-1	45R&45B
M-13G9A-M13 (D13) (E13) (S13)	MET-1	45R&45B
M-13Z12A-A13 (REAR MOUNT)	N/A	14R
M-14F10A-E14	MET-1	45R&45B
M-14F10A-M16 (S14) (S15)	MET-1	45R&45B
M-14F9A-E14 (S14)	MET-1	45R&45B
M-14G10A-M16 (D16) (E16) (M14) (S16) (S14) (E14) (D14)	MET-1	45R&45B
M-14G9A-M14 (D14) (E14) (S14)	MET-1	45R&45B
M-14Z12A-A14	N/A	14R
M-15F10A-E15 (S15)	MET-1	45R&45B
M-15G10A-M15 (D15) (E15) (S15)	MET-1	45R&45B
M-15G9A-M15 (D15) (E15) (S15)	MET-1	45R&45B
MO-11F10A-S11	MET-2	45R&45B
MO-11F10C-E11 (S11)	MET-4	45R&45B
MO-11F9B-E11 (S11)	MET-3	45R&45B
MO-11G10A-M11 (D11) (E11) (S11)	MET-2	45R&45B
MO-11G10C-M11 (D11) (E11) (S11)	MET-4	45R&45B
MO-11G9B-M11 (D11) (E11) (S11)	MET-3	45R&45B
MO-11G9R-M11	MET-2	45R&45B
MO-12F10A-E12 (S12)	MET-2	45R&45B
MO-12F10C-E12 (S12)	MET-4	45R&45B
MO-12F9A-E12 (S12)	MET-2	45R&45B
MO-12F9B-E12 (S12)	MET-3	45R&45B
MO-12G10A-M12 (D12) (E12) (S12)	MET-2	45R&45B
MO-12G10C-M12 (D12) (E12) (S12)	MET-4	45R&45B
MO-12G9A-M12 (D12) (E12) (S12)	MET-2	45R&45B
MO-12G9B-M12 (D12) (E12) (S12)	MET-3	45R&45B

TRANSMISSION MAKE & MODEL	P.T.O. APPLICATION NUMBER	TEETH IN PTO DRIVER
MO-12G9R-M12	MET-2	45R&45B
MO-13F10A-E13 (S13)	MET-2	45R&45B
MO-13F10C-E13 (S13)	MET-4	45R&45B
MO-13F9A-E13 (S13)	MET-2	45R&45B
MO-13F9B-E13 (S13)	MET-3	45R&45B
MO-13G10A-M13 (D13) (E13) (S13)	MET-2	45R&45B
MO13G10C-M13 (D13) (E13) (S13)	MET-4	45R&45B
MO13G9A-M13 (D13) (E13) (S13)	MET-2	45R&45B
MO13G9B-M13 (D13) (E13) (S13)	MET-3	45R&45B
MO-13G9R-M13	MET-2	45R&45B
MO-13Z12A-A13	N/A	14R
MO-13Z16A-A13	N/A	14R
MO-14F10A-E14 (S14) (M16) (E16) (S16)	MET-2	45R&45B
MO-14F10C-E14 (S14) (M16) (E16) (S16)	MET-4	45R&45B
MO-14F9A-E14 (S14)	MET-2	45R&45B
MO-14F9B-E14 (S14)	MET-3	45R&45B
MO-14G10A-M14 (D14) (E14) (S14) (E16) (M16) (S16)	MET-2	45R&45B
MO-14G10C-M14 (D14) (E14) (S14) (D16) (E16) (S16)	MET-4	45R&45B
MO14G9A-M14 (D14) (E14) (S14)	MET-2	45R&45B
MO14G9B-M14 (D14) (E14) (S14)	MET-3	45R&45B
MO-14Z12A-A14 (REAR MOUNT)	N/A	14R
MO-14Z16A-A14 (REAR MOUNT)	N/A	14R
MO-15F10A-E15 (S15)	MET-2	45R&45B
MO-15F10C-E15 (S15)	MET-4	45R&45B
MO-15F9B-E15 (S15)	MET-3	45R&45B
MO-15G10A-M15 (D15) (E15) (S15)	MET-2	45R&45B
MO-15G10C-M15 (D15) (E15) (S15)	MET-4	45R&45B
MO-15G9B-M15 (D15) (E15) (S15)	MET-3	45R&45B
MO-15Z12A-A15 (REAR MOUNT)	N/A	14R
MO-15Z16A-A15 (REAR MOUNT)	N/A	14R
MO-16F10A-E16 (S16)	MET-2	45R&45B
MO-16F10C-E16 (S16)	MET-4	45R&45B
MO-16F10C-M18 (D18) (E18) (S18)	MET-4	45R&45B
MO-16F10A-E16 (S16) (M16) (D16)	MET-2	45R&45B
MO-16G10A-M16 (D16) (E16) (S16)	MET-2	45R&45B
MO-16G10C-M16 (D16) (E16) (S16)	MET-4	45R&45B
MO-16G10C-M18 (D18) (E18) (S18)	MET-4	45R&45B
MO-16Z12A-A16	N/A	14R
MO-16Z16A-A16	N/A	14R
MO-17G10C-M17 (D17) (E17) (S17)	MET-4	45R&45B

TRANSMISSION MAKE & MODEL	P.T.O. APPLICATION NUMBER	TEETH IN PTO DRIVER
MO-17G10C-M19 (D19) (E19) (S19)	MET-4	45R&45B
MO-18G10C-M18 (D18) (E18) (S18)	MET-4	45R&45B
MO-18G10C-M20 (D20) (E20) (S20)	MET-4	45R&45B
RD10-145A	MET-1	45R&45B
RE10-115A	MET-1	45R&45B
RE10-125A	MET-1	45R&45B
RE10-135A	MET-1	45R&45B
RE10-145A	MET-1	45R&45B
RE10-155A	MET-1	45R&45B
RE9-115A	MET-1	45R&45B
RE9-125A	MET-1	45R&45B
RE9-135A	MET-1	45R&45B
RE9-145A	MET-1	45R&45B
RE9-155A	MET-1	45R&45B
REO9-115B	MET-3	45R&45B
REO9-125A	MET-2	45R&45B
REO9-125B	MET-3	45R&45B
REO9-135A	MET-2	45R&45B
REO9-135B	MET-3	45R&45B
REO9-145A	MET-2	45R&45B
REO9-145B	MET-3	45R&45B
REO9-155B	MET-3	45R&45B
REX10-115A	MET-2	45R&45B
REX10-115C	MET-4	45R&45B
REX10-125A	MET-2	45R&45B
REX10-125C	MET-4	45R&45B
REX10-135A	MET-2	45R&45B
REX10135C	MET-4	45R&45B
REX10-145A	MET-2	45R&45B
REX10-145C	MET-4	45R&45B
REX10-155A	MET-2	45R&45B
REX10-155C	MET-4	45R&45B
REX10-165A	MET-2	45R&45B
REX10-165C	MET-4	45R&45B
REX9-115B	MET-3	45R&45B
REX9-115R	MET-3	45R&45B
REX9-125A	MET-2	45R&45B
REX9-125B	MET-3	45R&45B
REX9-125R	MET-3	45R&45B
REX9-135A	MET-2	45R&45B

TRANSMISSION MAKE & MODEL	P.T.O. APPLICATION NUMBER	TEETH IN PTO DRIVER
REX9-135B	MET-3	45R&45B
REX9-135R	MET-3	45R&45B
REX9-145A	MET-2	45R&45B
REX9-145B	MET-3	45R&45B
REX9-145R	MET-3	45R&45B
REX9-155B	MET-3	45R&45B
RM10-115A	MET-1	45R&45B
RM10-125A	MET-1	45R&45B
RM10-135A	MET-1	45R&45B
RM10-145A	MET-1	45R&45B
RM10-145AT	MET-1	45R&45B
RM10-155A	MET-1	45R&45B
RM9-115A	MET-1	45R&45B
RM9-125A	MET-1	45R&45B
RM9-135A	MET-1	45R&45B
RM9-145A	MET-1	45R&45B
RM9-155A	MET-1	45R&45B
RMO10-115A	MET-2	45R&45B
RMO10-125A	MET-2	45R&45B
RMO10-135A	MET-2	45R&45B
RMO10-145A	MET-2	45R&45B
RMO10-145AT	MET-2	45R&45B
RMO10-155A	MET-2	45R&45B
RMO13-145A	MET-1	45R&45B
RMO9-115A	MET-2	45R&45B
RMO9-115B	MET-3	45R&45B
RMO9-115R	MET-2	45R&45B
RMO9-125A	MET-2	45R&45B
RMO9-125B	MET-3	45R&45B
RMO9-125R	MET-2	45R&45B
RMO9-135A	MET-2	45R&45B
RMO9-135B	MET-3	45R&45B
RMO9-135R	MET-2	45R&45B
RMO9-145A	MET-2	45R&45B
RMO9-145B	MET-3	45R&45B
RMO9-145R	MET-2	45R&45B
RMO9-155B	MET-3	45R&45B
RMX10-115A	MET-2	45R&45B
RMX10-115C	MET-4	45R&45B
RMX10-125A	MET-2	45R&45B

TRANSMISSION MAKE & MODEL	P.T.O. APPLICATION NUMBER	TEETH IN PTO DRIVER
RMX10-125C	MET-4	45R&45B
RMX10-135A	MET-2	45R&45B
RMX10-135C	MET-4	45R&45B
RMX10-145A	MET-2	45R&45B
RMX10-145C	MET-4	45R&45B
RMX10-145CT	MET-4	45R&45B
RMX10-155A	MET-2	45R&45B
RMX10-155C	MET-4	45R&45B
RMX10-165A	MET-2	45R&45B
RMX10-165C	MET-4	45R&45B
RMX10-165CT	MET-4	45R&45B
RMX13-145A	MET-1	45R&45B
RMX9-115B	MET-3	45R&45B
RMX9-115R	MET-2	45R&45B
RMX9-125A	MET-2	45R&45B
RMX9-125B	MET-3	45R&45B
RMX9-125R	MET-2	45R&45B
RMX9-135A	MET-2	45R&45B
RMX9-135B	MET-3	45R&45B
RMX9-135R	MET-2	45R&45B
RMX9-145A	MET-2	45R&45B
RMX9-145B	MET-3	45R&45B
RMX9-145R	MET-2	45R&45B
RMX9-155B	MET-3	45R&45B
RS10-115A	MET-1	45R&45B
RS10-125A	MET-1	45R&45B
RS10-135A	MET-1	45R&45B
RS10-145A	MET-1	45R&45B
RS10-155A	MET-1	45R&45B
RS9-115A	MET-1	45R&45B
RS9-125A	MET-1	45R&45B
RS9-135A	MET-1	45R&45B
RS9-145A	MET-1	45R&45B
RS9-155A	MET-1	45R&45B
RSO9-115B	MET-3	45R&45B
RSO9-125B	MET-3	45R&45B
RSO9-135B	MET-3	45R&45B
RSO9-145B	MET-3	45R&45B
RSO9-155B	MET-3	45R&45B
RSX10-115A	MET-2	45R&45B

TRANSMISSION MAKE & MODEL	P.T.O. APPLICATION NUMBER	TEETH IN PTO DRIVER
RSX10-115C	MET-4	45R&45B
RSX10-125A	MET-2	45R&45B
RSX10-125C	MET-4	45R&45B
RSX10-135A	MET-2	45R&45B
RSX10-135C	MET-4	45R&45B
RSX10-145A	MET-2	45R&45B
RSX10-145C	MET-4	45R&45B
RSX10-155A	MET-2	45R&45B
RSX10-155C	MET-4	45R&45B
RSX10-165A	MET-2	45R&45B
RSX10-165C	MET-4	45R&45B
RSX9-115B	MET-3	45R&45B
RSX9-115C	MET-3	45R&45B
RSX9-115R	MET-3	45R&45B
RSX9-125A	MET-2	45R&45B
RSX9-125B	MET-3	45R&45B
RSX9-125C	MET-3	45R&45B
RSX9-125R	MET-2	45R&45B
RSX9-135A	MET-2	45R&45B
RSX9-135B	MET-3	45R&45B
RSX9-135C	MET-3	45R&45B
RSX9-135R	MET-2	45R&45B
RSX9-145A	MET-2	45R&45B
RSX9-145B	MET-3	45R&45B
RSX9-145C	MET-3	45R&45B
RSX9-145R	MET-2	45R&45B
RSX9-155B	MET-3	45R&45B
RSX9-155C	MET-3	45R&45B
RSX9-165C	MET-3	45R&45B

# MERITOR/ZF

# MET-1

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM) <span style="float: right;">(758)</span>
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

## RIGHT SIDE

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH6SB01X(1)1(2)	OPP	85			Included	255	49	(5)
MH6SC01X(1)1(2)	OPP	113			Included	255	49	(5)
MH6SE01X(1)1(2)	OPP	136			Included	230	44	(5)
MH6SJ01X(1)1(2)	OPP	148			Included	230	44	(5)
MH6SO01X(1)1(2)	OPP	194			Included	205	39	(5)
MH6SR01X(1)1(2)	OPP	212			Included	205	39	(5)
MH6SS01X(1)1(2)	OPP	233			Included	195	37	(5)
MH6ST01X(1)1(2)	OPP	255			Included	180	34	(5)

## LEFT SIDE

### 8 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH8SA01X(1)1(2)	OPP	78			Included	255	49	
MH8SB01X(1)1(2)	OPP	85			Included	255	49	
MH8SC01X(1)1(2)	OPP	113			Included	255	49	
MH8SE01X(1)1(2)	OPP	136			Included	230	44	
MH8SJ01X(1)1(2)	OPP	148			Included	230	44	
MH8SO01X(1)1(2)	OPP	194			Included	205	39	
MH8SR01X(1)1(2)	OPP	212			Included	205	39	
MH8SS01X(1)1(2)	OPP	233			Included	195	37	
MH8ST01X(1)1(2)	OPP	255			Included	180	34	

**FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION**

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLE GREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-1

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM) <span style="float: right;">(758)</span>
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

## 8 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MHD8SB01X(3)3(4)	OPP	85			Included	505	95	
MHD8SC01X(3)3(4)	OPP	105			Included	505	95	
MHD8SE01X(3)3(4)	OPP	128			Included	505	95	
MHD8SJ01X(3)3(4)	OPP	156			Included	405	95	
MHD8SO01X(3)3(4)	OPP	188			Included	355	95	

### FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLEGREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-2

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM)	(1017)
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

## RIGHT SIDE

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH6SB01X(1)1(2)	OPP	114			Included	255	49	(5)
MH6SC01X(1)1(2)	OPP	152			Included	255	49	(5)
MH6SE01X(1)1(2)	OPP	182			Included	230	44	(5)
MH6SJ01X(1)1(2)	OPP	199			Included	230	44	(5)
MH6SO01X(1)1(2)	OPP	260			Included	205	39	(5)
MH6SR01X(1)1(2)	OPP	285			Included	205	39	(5)
MH6SS01X(1)1(2)	OPP	312			Included	195	37	(5)
MH6ST01X(1)1(2)	OPP	343			Included	180	34	(5)

## LEFT SIDE

### 8 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH8SA01X(1)1(2)	OPP	104			Included	255	49	
MH8SB01X(1)1(2)	OPP	114			Included	255	49	
MH8SC01X(1)1(2)	OPP	152			Included	255	49	
MH8SE01X(1)1(2)	OPP	182			Included	230	44	
MH8SJ01X(1)1(2)	OPP	199			Included	230	44	
MH8SO01X(1)1(2)	OPP	260			Included	205	39	
MH8SR01X(1)1(2)	OPP	285			Included	205	39	
MH8SS01X(1)1(2)	OPP	312			Included	195	37	
MH8ST01X(1)1(2)	OPP	343			Included	180	34	

**FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION**

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLE GREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-2

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM)	(1017)
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

**8 BOLT - ONE SPEED - TWO GEAR - HEAVY DUTY**

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MHD8SB01X(3)3(4)	OPP	113			Included	505	95	
MHD8SC01X(3)3(4)	OPP	141			Included	505	95	
MHD8SE01X(3)3(4)	OPP	172			Included	505	95	
MHD8SJ01X(3)3(4)	OPP	209			Included	405	95	
MHD8SO01X(3)3(4)	OPP	253			Included	355	95	

**FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION**

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLEGREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-3

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM)	(871)
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

## RIGHT SIDE

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH6SB01X(1)1(2)	OPP	98			Included	255	49	(5)
MH6SC01X(1)1(2)	OPP	130			Included	255	49	(5)
MH6SE01X(1)1(2)	OPP	156			Included	230	44	(5)
MH6SJ01X(1)1(2)	OPP	170			Included	230	44	(5)
MH6SO01X(1)1(2)	OPP	223			Included	205	39	(5)

## LEFT SIDE

### 8 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH8SA01X(1)1(2)	OPP	89			Included	255	49	
MH8SB01X(1)1(2)	OPP	98			Included	255	49	
MH8SC01X(1)1(2)	OPP	130			Included	255	49	
MH8SE01X(1)1(2)	OPP	156			Included	230	44	
MH8SJ01X(1)1(2)	OPP	170			Included	230	44	
MH8SO01X(1)1(2)	OPP	223			Included	205	39	

### FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLE GREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-3

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM) <span style="float: right;">(871)</span>
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

**8 BOLT - ONE SPEED - TWO GEAR - HEAVY DUTY**

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MHD8SB01X(3)3(4)	OPP	97			Included	505	95	
MHD8SC01X(3)3(4)	OPP	121			Included	505	95	
MHD8SE01X(3)3(4)	OPP	147			Included	505	95	
MHD8SJ01X(3)3(4)	OPP	179			Included	405	95	
MHD8SO01X(3)3(4)	OPP	216			Included	355	95	

**FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION**

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLEGREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-4

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM)	(982)
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

## RIGHT SIDE

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH6SB01X(1)1(2)	OPP	110			Included	255	49	(5)
MH6SC01X(1)1(2)	OPP	147			Included	255	49	(5)
MH6SE01X(1)1(2)	OPP	176			Included	230	44	(5)
MH6SJ01X(1)1(2)	OPP	192			Included	230	44	(5)
MH6SO01X(1)1(2)	OPP	251			Included	205	39	(5)
MH6SR01X(1)1(2)	OPP	275			Included	205	39	(5)
MH6SS01X(1)1(2)	OPP	301			Included	195	37	(5)
MH6ST01X(1)1(2)	OPP	331			Included	180	34	(5)

## LEFT SIDE

### 8 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MH8SA01X(1)1(2)	OPP	100			Included	255	49	
MH8SB01X(1)1(2)	OPP	110			Included	255	49	
MH8SC01X(1)1(2)	OPP	147			Included	255	49	
MH8SE01X(1)1(2)	OPP	176			Included	230	44	
MH8SJ01X(1)1(2)	OPP	192			Included	230	44	
MH8SO01X(1)1(2)	OPP	251			Included	205	39	
MH8SR01X(1)1(2)	OPP	275			Included	205	39	
MH8SS01X(1)1(2)	OPP	301			Included	195	37	
MH8ST01X(1)1(2)	OPP	331			Included	180	34	

### FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLE GREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	

# MERITOR/ZF

# MET-4

TRANSMISSION Gear Data: RIGHT SIDE R.H. 6- Bolt opening - Gear Forward of Centerline 45 TEETH - HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION Gear Data: LEFT SIDE R.H. 8 - Bolt opening - Gear Rear of Centerline 45 TEETH - R.H. HELIX PITCH LINE TO APERTURE FACE: .8100" (20.5740MM) <span style="float: right;">(982)</span>
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**CAUTION: MAXIMUM OUTPUT SHAFT SPEED 2500 RPM'S**

**8 BOLT - ONE SPEED - TWO GEAR - HEAVY DUTY**

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 rpm	FOOT NOTES
MHD8SB01X(3)3(4)	OPP	110			Included	505	95	
MHD8SC01X(3)3(4)	OPP	136			Included	505	95	
MHD8SE01X(3)3(4)	OPP	166			Included	505	95	
MHD8SJ01X(3)3(4)	OPP	202			Included	405	95	
MHD8SO01X(3)3(4)	OPP	244			Included	355	95	

**FOOTNOTES: FOOTNOTES MAY AFFECT PTO SELECTION**

(1) Pick Shifting Option	(A=AIR) (L=LEVER) (M=CONSTANT MESH) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(2) Pick Output Option	(DA=DIN 5462 8T) (GA= ROTATABLE GREASEABLE "B" 2/4 BOLT 7/8" 13T) (GB= ROTATABLEGREASEABLE "B" 2/4 BOLT 1" 15T) (RA=ROTATABLE SAE "B" 2/4 BOLT 7/8" 13T) (RB=ROTATABLE SAE "B" 2/4 BOLT 1" 15T) (RC=ROTATABLE SAE "B" 2/4 BOLT 1-1/4" 14T) (SB=ROTATABLE SAE "BB" 2 BOLT 1" 15T) (SD= ROTATABLE SAE "B" 2 BOLT 7/8" 13T) (SE= 1.250 ROUND SHAFT) (SF= "A" 5/8" 2 BOLT 9T) (TP=TYRONE PUMP 7/8" 13T)
(3) Pick Shifting Option	(A=AIR) (N=AIR/NO CONTROLLER) (S=DUAL AIR/W KICKOUT) (T=DUAL AIR W/O KICKOUT) (W=WIRE)
(4) Pick Output Option	(IC=1410 SPICER® FLANGE) (RJ=ROTATABLE SAE "C" 4 BOLT 1.125 14T) (SE=1.25 ROUND SHAFT)
(5) There may be a clearance problem on the right side when mounting a direct mount pump.	