

## ZED/F TRANSMISSION INDEX

TRANSMISSION MAKE & MODEL	PTO APPLICATION NUMBER	TEETH IN PTO DRIVER
16S-109 (13.20/1.00 Ratio)England	N/A	22B
16S-109 (13.42/1.00 Ratio)England	N/A	22B
6S-850 ( ZF-Ecolite, Synchronesh) (6.72/0.78 Ratio)	N/A	31R
9S-109 (10.25/0.79 Ratio)	N/A	22B
9S-75 (13.16 1st)	N/A	N/A
MO-13Z12A-A13 (Rear Mount)(ZF/Meritor)	N/A	14R
MO-14Z12A-A14 (Rear Mount)(ZF/Meritor)	N/A	14R
MO-15Z12A-A15 (Rear Mount)(ZF/Meritor)	N/A	14R
S5-35	N/A	N/A
S5-42 (4.14-0.77)	N/A	41R&41L
S5-42 (4.65/0.77 RATIO) ENGLAND	ZF-3	43R&43L
S5-42 (5.72/0.76 RATIO) NORTH AMERICA	ZF-1	45R&45L
S5-42 (6.56 Ratio)	N/A	44R&44L
S5-42 (7.5 Gas Wide Ratio)	N/A	45R&45L
S5-42 (7.55 Ratio)	N/A	47R&47L
S5-47 (DIESEL CLOSE RATIO 5.08 - .77)	ZF-2	43R&43L
S5-47 (GAS WIDE RATIO 5.72 - .76)	ZF-1	45R&45L
S6-650 (FORD ONLY) (5.79-0.72)	ZF-4	39L
S6-650 (GM 3600 CAB/CHASSIS)	ZF-5	39R&39L
S6-66 (7.36 Ratio)	N/A	52R&52L
S6-66 (9.01 Ratio)	N/A	40R&40L
S6-66 (9.06/0.83 Ratio) England	N/A	38R&38L
S6-750 (Ford Only Beginning with Model Year 05)	ZF-4	39L

## ZED/F

## ZF-1

TRANSMISSION Gear Data: RIGHT SIDE  
R.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.1953" (30.3606MM)

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.1953" (30.3606MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### RIGHT SIDE ONLY

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6NC52X(1)1(2)	OPP	58	M6240		MH170-4X	255	49	
MH6NE52X(1)1(2)	OPP	63	M6240		MH170-4X	230	44	
MH6NJ52X(1)1(2)	OPP	73	M6240		MH170-4X	230	44	
MH6NO52X(1)1(2)	OPP	87	M6240		MH170-4X	205	39	
MH6NR52X(1)1(2)	OPP	103	M6240		MH170-4X	205	39	
MH6NS52X(1)1(2)	OPP	117	M6240		MH170-4X	195	37	
MH6NT52X(1)1(2)	OPP	121	M6240		MH170-4X	180	34	
MH6SC21X(1)1(2)	OPP	68			Included	255	49	
MH6SE21X(1)1(2)	OPP	74			Included	230	49	
MH6SJ21X(1)1(2)	OPP	85			Included	230	44	
MH6SO21X(1)1(2)	OPP	102			Included	205	44	
MH6SR21X(1)1(2)	OPP	121			Included	205	39	
MH6SS21X(1)1(2)	OPP	130			Included	195	39	
MH6ST21X(1)1(2)	OPP	142			Included	180	37	

#### 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)	Gas tank may prohibit mounting pump on left hand side.

## ZED/F

## ZF-1

TRANSMISSION Gear Data: RIGHT SIDE  
R.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.1953" (30.3606MM)

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.1953" (30.3606MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### LEFT SIDE ONLY

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6NC52X(1)3(2)	OPP	58	M6240		MH170-4X	255	49	3
MH6NE52X(1)3(2)	OPP	63	M6240		MH170-4X	230	44	3
MH6NJ52X(1)3(2)	OPP	73	M6240		MH170-4X	230	44	3
MH6NO52X(1)3(2)	OPP	87	M6240		MH170-4X	205	39	3
MH6NR52X(1)3(2)	OPP	103	M6240		MH170-4X	205	39	3
MH6NS52X(1)3(2)	OPP	117	M6240		MH170-4X	195	37	3
MH6NT52X(1)3(2)	OPP	121	M6240		MH170-4X	180	34	3
MH6SC21X(1)3(2)	OPP	68			Included	255	49	3
MH6SE21X(1)3(2)	OPP	74			Included	230	49	3
MH6SJ21X(1)3(2)	OPP	85			Included	230	44	3
MH6SO21X(1)3(2)	OPP	102			Included	205	44	3
MH6SR21X(1)3(2)	OPP	121			Included	205	39	3
MH6SS21X(1)3(2)	OPP	130			Included	195	39	3
MH6ST21X(1)3(2)	OPP	142			Included	180	37	3

#### 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)	Gas tank may prohibit mounting pump on left hand side.

## ZED/F

## ZF-2

TRANSMISSION Gear Data: RIGHT SIDE  
R.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
.9800" (24.8920MM)

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
.9800" (24.8920MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### RIGHT SIDE ONLY

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6NC52X(1)1(2)	OPP	63	M6165		MH170-3X	255	49	
MH6NE52X(1)1(2)	OPP	67	M6165		MH170-3X	230	44	
MH6NJ52X(1)1(2)	OPP	78	M6165		MH170-3X	230	44	
MH6NO52X(1)1(2)	OPP	93	M6165		MH170-3X	205	39	
MH6NR52X(1)1(2)	OPP	111	M6165		MH170-3X	205	39	
MH6NS52X(1)1(2)	OPP	123	M6165		MH170-3X	195	37	
MH6NT52X(1)1(2)	OPP	130	M6165		MH170-3X	180	34	
MH6SC21X(1)1(2)	OPP	73	M6093		MH8170-95X	255	49	
MH6SE21X(1)1(2)	OPP	79	M6093		MH8170-95X	230	49	
MH6SJ21X(1)1(2)	OPP	92	M6093		MH8170-95X	230	44	
MH6SO21X(1)1(2)	OPP	109	M6093		MH8170-95X	205	44	
MH6SR21X(1)1(2)	OPP	130	M6093		MH8170-95X	205	39	
MH6SS21X(1)1(2)	OPP	140	M6093		MH8170-95X	195	39	
MH6ST21X(1)1(2)	OPP	153	M6093		MH8170-95X	180	37	

#### FOOTNOTES MAY AFFECT PTO SELECTION

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(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)	Gas tank may prohibit mounting pump on left hand side.

## ZED/F

## ZF-2

TRANSMISSION Gear Data: RIGHT SIDE  
R.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
.9800" (24.8920MM)

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
45 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
.9800" (24.8920MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### LEFT SIDE ONLY

### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6NC52X(1)3(2)	OPP	63	M6165		MH170-3X	255	49	
MH6NE52X(1)3(2)	OPP	67	M6165		MH170-3X	230	44	
MH6NJ52X(1)3(2)	OPP	78	M6165		MH170-3X	230	44	
MH6NO52X(1)3(2)	OPP	93	M6165		MH170-3X	205	39	
MH6NR52X(1)3(2)	OPP	111	M6165		MH170-3X	205	39	
MH6NS52X(1)3(2)	OPP	123	M6165		MH170-3X	195	37	
MH6NT52X(1)3(2)	OPP	130	M6165		MH170-3X	180	34	
MH6SC21X(1)3(2)	OPP	73	M6093		MH8170-95X	255	49	
MH6SE21X(1)3(2)	OPP	79	M6093		MH8170-95X	230	49	
MH6SJ21X(1)3(2)	OPP	92	M6093		MH8170-95X	230	44	
MH6SO21X(1)3(2)	OPP	109	M6093		MH8170-95X	205	44	
MH6SR21X(1)3(2)	OPP	130	M6093		MH8170-95X	205	39	
MH6SS21X(1)3(2)	OPP	140	M6093		MH8170-95X	195	39	
MH6ST21X(1)3(2)	OPP	153	M6093		MH8170-95X	180	37	

#### FOOTNOTES MAY AFFECT PTO SELECTION

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- (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)

## ZED/F

## ZF-3

TRANSMISSION Gear Data: RIGHT SIDE  
R.H. 6- Bolt opening - Gear Forward of Centerline  
43 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.3110" (33.2994MM)

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
43 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.3110" (33.2994MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### RIGHT SIDE ONLY

#### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6DC52X(1)1(2)	OPP	63	M6032		MH170-78X	255	49	
MH6DE52X(1)1(2)	OPP	67	M6032		MH170-78X	230	44	
MH6DJ52X(1)1(2)	OPP	78	M6032		MH170-78X	230	44	
MH6DO52X(1)1(2)	OPP	93	M6032		MH170-78X	205	39	
MH6DR52X(1)1(2)	OPP	111	M6032		MH170-78X	205	39	
MH6DS52X(1)1(2)	OPP	121	M6032		MH170-78X	195	37	
MH6DT52X(1)1(2)	OPP	130	M6032		MH170-78X	180	34	

### LEFT SIDE ONLY

#### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6DC52X(1)1(2)	OPP	63	M6032		MH170-78X	255	49	
MH6DE52X(1)1(2)	OPP	67	M6032		MH170-78X	230	44	
MH6DJ52X(1)1(2)	OPP	78	M6032		MH170-78X	230	44	
MH6DO52X(1)1(2)	OPP	93	M6032		MH170-78X	205	39	
MH6DR52X(1)1(2)	OPP	111	M6032		MH170-78X	205	39	
MH6DS52X(1)1(2)	OPP	121	M6032		MH170-78X	195	37	
MH6DT52X(1)1(2)	OPP	130	M6032		MH170-78X	180	34	

#### FOOTNOTES MAY AFFECT PTO SELECTION

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- (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)

## ZED/F

## ZF-4

TRANSMISSION Gear Data: RIGHT SIDE

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
43 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
1.3110" (33.2994MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### RIGHT SIDE ONLY

#### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
NOTHING AVAILABLE AT THIS TIME								

### LEFT SIDE ONLY

#### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6SC50X(1)3(2)	OPP	65			INCLUDED	255	49	
MH6SE50X(1)3(2)	OPP	70			INCLUDED	230	44	
MH6SJ50X(1)3(2)	OPP	81			INCLUDED	230	44	
MH6SO50X(1)3(2)	OPP	96			INCLUDED	205	39	
MH6SR50X(1)3(2)	OPP	115			INCLUDED	205	39	
MH6SS50X(1)3(2)	OPP	121			INCLUDED	195	37	
MH6ST50X(1)3(2)	OPP	135			INCLUDED	180	34	

#### 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)
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## ZED/F

## ZF-5

TRANSMISSION Gear Data: RIGHT SIDE  
R.H. 6- Bolt opening - Gear Forward of Centerline  
39 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
0.9330" (0.0000MM)

TRANSMISSION Gear Data: LEFT SIDE  
L.H. 6- Bolt opening - Gear Forward of Centerline  
39 TEETH - R.H. HELIX  
PITCH LINE TO APERTURE FACE:  
0.9330" (0.0000MM)

**Caution: Maximum Output Shaft Speed 2500 rpm's**

### RIGHT SIDE ONLY

#### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6SC50X(1)3(2)	OPP	65			INCLUDED	255	49	
MH6SE50X(1)3(2)	OPP	70			INCLUDED	230	44	
MH6SJ50X(1)3(2)	OPP	81			INCLUDED	230	44	
MH6SO50X(1)3(2)	OPP	96			INCLUDED	205	39	
MH6SR50X(1)3(2)	OPP	115			INCLUDED	205	39	
MH6SS50X(1)3(2)	OPP	121			INCLUDED	195	37	
MH6ST50X(1)3(2)	OPP	135			INCLUDED	180	34	

### LEFT SIDE ONLY

#### 6 BOLT - ONE SPEED - TWO GEAR

PTO MODEL	OUTPUT ROT.	ENGINE %	SPACER	GEAR ADAPTER	STUD KIT	INT. TORQUE	HP 1000 RPM	FOOT NOTES
MH6SC50X(1)3(2)	OPP	65			INCLUDED	255	49	
MH6SE50X(1)3(2)	OPP	70			INCLUDED	230	44	
MH6SJ50X(1)3(2)	OPP	81			INCLUDED	230	44	
MH6SO50X(1)3(2)	OPP	96			INCLUDED	205	39	
MH6SR50X(1)3(2)	OPP	115			INCLUDED	205	39	
MH6SS50X(1)3(2)	OPP	121			INCLUDED	195	37	
MH6ST50X(1)3(2)	OPP	135			INCLUDED	180	34	

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