

NEW VENTURE TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
NV-021 (Dodge - Auto with P.T.O. provision)	NVG-4		R38
241HD	NVG-3	2	R38
4500 (CHEV.-GMC)(1991 TO FEB.15,1994)	NVG-1	5	L32-R32
4500 (DODGE)(CHEV/GMC-AFTER FEB.15,1994)	NVG-2	5	L30-R30



IMPORTANT: See Safety Information
in Section 1 of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

NVG-4500

4500

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

32 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

1.0110" (25.6794MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

32 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

1.0110" (25.6794MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			
ONE SPEED - TWO GEAR - MECHANICAL SHIFT															
442XLFBX-*5 (1)	250	Opp	48				Furnished	442XLFBX-*3 (1)	250	Opp	48				Furnished
442XQFBX-*5 (1)	225	Opp	52				Furnished	442XQFBX-*3 (1)	225	Opp	52				Furnished
442XRFBX-*5 (1)	225	Opp	60				Furnished	442XRFBX-*3 (1)	225	Opp	60				Furnished
442XSFBX-*5 (1)	200	Opp	72				Furnished	442XSFBX-*3 (1)	200	Opp	72				Furnished
442XUFBX-*5 (1)	195	Opp	85				Furnished	442XUFBX-*3 (1)	195	Opp	85				Furnished
442XWFBX-*5 (1)	175	Opp	100				Furnished	442XWFBX-*3 (1)	175	Opp	100				Furnished
442XXFBX-*5 (1)	140	Opp	119				Furnished	442XXFBX-*3 (1)	140	Opp	119				Furnished
ONE SPEED - FORWARD & REVERSE															
352XSFBX-*5 (1)	140	Opp	73	94			Furnished	352XSFBX-*3 (1)	140	Opp	73	94			Furnished
ONE SPEED - DUAL SHAFT															
452XSFBX-*3 (1)	140	Opp	73				Furnished	452XSFBX-*3 (1)	140	Opp	73				Furnished

NOTE: No adapters available for this application.**NOTE:** The 100 series is not released for this transmission because there is no tooth round on the P.T.O. drive gear.

(1) Input Gear Part No. 5-P-1063

January 2008

NVG-4500

4500

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

30 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1200" (30.4800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

30 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1200" (30.4800MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			
ONE SPEED - TWO GEAR - MECHANICAL SHIFT															
442XLFCX-*5 (1)	250	Opp	49				Furnished	442XLFCX-*3 (1)	250	Opp	49				Furnished
442XQFCX-*5 (1)	225	Opp	53				Furnished	442XQFCX-*3 (1)	225	Opp	53				Furnished
442XRFCX-*5 (1)	225	Opp	61				Furnished	442XRFCX-*3 (1)	225	Opp	61				Furnished
442XSFCX-*5 (1)	200	Opp	73				Furnished	442XSFCX-*3 (1)	200	Opp	73				Furnished
442XUFCX-*5 (1)	195	Opp	87				Furnished	442XUFCX-*3 (1)	195	Opp	87				Furnished
442XWFCX-*5 (1)	175	Opp	102				Furnished	442XWFCX-*3 (1)	175	Opp	102				Furnished
442XXFCX-*5 (1)	140	Opp	121				Furnished	442XXFCX-*3 (1)	140	Opp	121				Furnished
ONE SPEED - FORWARD & REVERSE															
352XSFCX-*5 (1)	140	Opp	74	96			Furnished	352XSFCX-*3 (1)	140	Opp	74	96			Furnished
ONE SPEED - DUAL SHAFT															
452XSFCX-*3 (1)	140	Opp	74				Furnished	452XSFCX-*3 (1)	140	Opp	74				Furnished

NOTE: The 100 series is not released for this transmission because there is no tooth round on the P.T.O. drive gear.

(1) Input Gear Part No. 5-P-1064

January 2008

241HD

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

38 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0630" (27.0002MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Opp	58	7-A-032	Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442XFAHX-*3 (2)	250	Eng	36	7-A-032	Furnished
442XHAHX-*3 (3)	250	Eng	42	7-A-032	Furnished
442XLAHX-*3 (4)	250	Eng	47	7-A-032	Furnished
442XQAHX-*3 (4)	225	Eng	50	7-A-032	Furnished
442XRAHX-*3 (4)	225	Eng	58	7-A-032	Furnished
442XSAHX-*3 (4)	200	Eng	69	7-A-032	Furnished
442XUAHX-*3 (4)	195	Eng	82	7-A-032	Furnished
442XWAHX-*3 (4)	175	Eng	97	7-A-032	Furnished
442XXAHX-*3 (4)	140	Eng	115	7-A-032	Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDAHX-*3 (4)	250	Eng	38	7-A-032	Furnished
236XKAHX-*3 (4)	250	Eng	48	7-A-032	Furnished
236XQAHX-*3 (4)	250	Eng	65	7-A-032	Furnished
236XUAHX-*3 (4)	225	Eng	75	7-A-032	Furnished

ONE SPEED - FORWARD & REVERSE

340XFAHX-*5 (5)	200	Eng	31	33	7-A-140 (6)	Furnished
352XSAHX-*3 (4)	140	Eng	70	91	7-A-032	Furnished

GEARED ADAPTERS

626XAHX-3AH	Furnished
630XAHX-3AH	Furnished
645XAHX-3AH	Furnished

NOTE: You may notice some interference when using a transfer case housing along with the 100 Series P.T.O. Instead use an adapter or go to a 442 Series P.T.O.

- (1) Gear and Shaft Kit No. KXA-2-P-565
 (2) Input Gear Part No. 5-P-1077
 (3) Input Gear Part No. 5-P-1364
 (4) Input Gear Part No. 5-P-1004
 (5) Input Gear Part No. 5-P-581
 (6) Filler block furnished with P.T.O.

January 2008

NV-021

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

38 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0630" (27.0002MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Opp	158	7-A-032	Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Eng	71	7-A-032 (2)	Furnished
221XEAHX-*3	250	Eng	81	7-A-032	Furnished
221XLAHX-*3	200	Eng	109	7-A-032	Furnished
221XPAHX-*3	200	Eng	132	7-A-032	Furnished
442XFAHX-*3 (3)	250	Eng	98	7-A-032	Furnished
442XHAHX-*3 (4)	250	Eng	114	7-A-032	Furnished
442XLAHX-*3 (5)	250	Eng	127	7-A-032	Furnished
442XQAHX-*3 (5)	225	Eng	137	7-A-032	Furnished
442XRAHX-*3 (5)	225	Eng	158	7-A-032	Furnished
442XSAHX-*3 (5)	200	Eng	188	7-A-032	Furnished
442XUAHX-*3 (5)	195	Eng	225	7-A-032	Furnished
442XWAHX-*3 (5)	175	Eng	264	7-A-032	Furnished
442XXAHX-*3 (5)	140	Eng	313	7-A-032	Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDAHX-*3 (5)	250	Eng	103	7-A-032	Furnished
236XKAHX-*3 (5)	250	Eng	131	7-A-032	Furnished
236XQAHX-*3 (5)	250	Eng	177	7-A-032	Furnished
236XUAHX-*3 (5)	225	Eng	204	7-A-032	Furnished

ONE SPEED - FORWARD & REVERSE

340XFAHX-*3 (6)	200	Eng	86	90	7-A-140 (2)	Furnished
352XSAHX-*3 (5)	140	Eng	191	247	7-A-032	Furnished

GEARED ADAPTERS

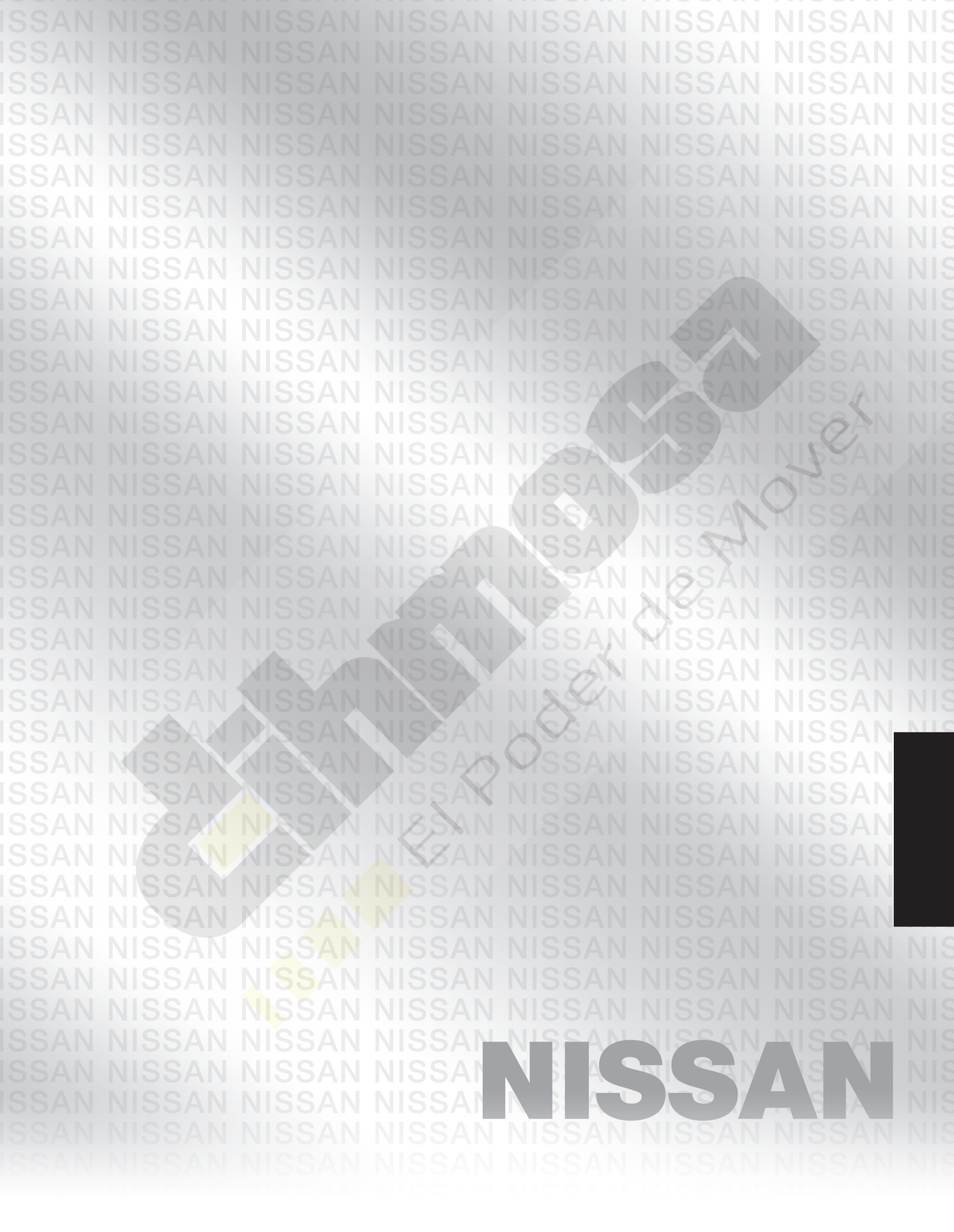
626XAHX-3AH	7-A-032	Furnished
630XAHX-3AH	7-A-032	Furnished
645XAHX-3AH	7-A-032	Furnished

- (1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O.
(3) Input Gear Part No. 5-P-1077
(4) Input Gear Part No. 5-P-1364
(5) Input Gear Part No. 5-P-1004
(6) Input Gear Part No. 5-P-581

January 2008

Notes

Lined area for notes.



NISSAN



WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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NISSAN TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
MES-50A	NSD-7	5	L34
MES-50B	NSD-8	5	L33
MES-50C	NSD-9	5	L32
MLS-61A	NSD-6	6	L25
MLS-61B (UD3000SD)	NSD-6	6	L25
MLS-62B	NSD-6	6	L25
MLS-63B	NSD-6	6	L25
TMH-263	NSD-1	5	L23



IMPORTANT: See Safety Information
in Section 1 of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

TMH-263

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

23 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0850" (27.5600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Opp	37		7-A-032		7170-64X								
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*5	250	Eng	16		7-A-062		328170-169X								
					7-A-032 (2)										
221XEAHX-*5	250	Eng	19		7-A-032		328170-169X								
221XLAHX-*5	200	Eng	25		7-A-032		328170-169X								
221XPAHX-*5	200	Eng	31		7-A-032		328170-169X								
442KAAHX-*5 (3)	250	Eng	14				7170-78X								
442KCAHX-*5 (4)	250	Eng	18				7170-78X								
442KFAHX-*5 (5)	250	Eng	23				7170-78X								
442KHAHX-*5 (6)	250	Eng	27				7170-78X								
442KLAHX-*5 (7)	250	Eng	30				7170-78X								
442KQAHX-*5 (7)	225	Eng	32				7170-78X								
442KRAHX-*5 (7)	225	Eng	37				7170-78X								
442KSAHX-*5 (7)	200	Eng	44				7170-78X								
442KUAHX-*5 (7)	195	Eng	52				7170-78X								
442KWAHX-*5 (7)	175	Eng	61				7170-78X								
442KXAHX-*5 (7)	140	Eng	73				7170-78X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236KDAHX-*5 (7)	250	Eng	24				7170-78X								
236KKAHX-*5 (7)	250	Eng	31				7170-78X								
236KQAHX-*5 (7)	250	Eng	41				7170-78X								
236KUAHX-*5 (7)	225	Eng	47				7170-78X								

ONE SPEED - FORWARD & REVERSE

340XFAHX-*5 (8)	200	Eng	20	21	7-A-140 (2)		7170-78X								
					7-A-032										
352XSAHX-*5 (7)	140	Eng	44	57			7170-78X								

ONE SPEED - DUAL SHAFT

452XSAHX-*5 (7)	140	Eng	44				7170-78X								
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GEARED ADAPTERS

626KAHX-3AH							7170-78X								
630KAHX-3AH							7170-78X								
645KAHX-3AH							7170-78X								

(1) Gear and Shaft Kit No. KXA-2-P-565

(2) Filler block furnished with P.T.O.

(3) Input Gear Part No. 5-P-1280

(4) Input Gear Part No. 5-P-1287

(5) Input Gear Part No. 5-P-1077

(6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004

(8) Input Gear Part No. 5-P-581

MLS-61A
MLS-61B
MLS-62B
MLS-63B

LEFT SIDE ONLY**TRANSMISSION GEAR DATA:**

L.H. 6-Bolt Opening Gear NON-STANDARD of Centerline

25 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

-.8345" (-21.1963MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

447AUFYX-E6 (1)	110	Eng	60					Furnished
447AUFYX-G6 (1)	110	Eng	60					Furnished
447AUFYX-P6 (1)	110	Eng	60					Furnished
447AWFYX-E6 (2)	76	Eng	87					Furnished
447AWFYX-G6 (2)	76	Eng	87					Furnished
447AWFYX-P6 (2)	76	Eng	87					Furnished

NOTE: Through 1994 these transmissions required the "P" shift option designator which featured the 328388-60X installation kit. 1995-1998 the "E" shift option designator which includes the 328388-63X installation kit. 1999 and later the "G" shift option designator which includes the 328388-69X installation kit.

(1) Input Gear Part No. 5-P-977
(2) Input Gear Part No. 5-P-976

MES-50A

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear NON-STANDARD of Centerline

34 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

2.9890" (75.9206MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRGWX-*4 (1)	125	Opp	79		7-A-240(P) 7-A-062(T)	329000-2X	7170-11X								
309102 (1)	125	Opp	79		7-A-240(P) 7-A-062(T)	329000-2X	Furnished								

NOTE: 100XRGWX-*4 requires 2-P-746 and wire shift cover 329009X.**NOTE:** 309102 is a standard 100XRGWX-W4XA. It also includes the following parts: 7-A-240, 7-A-062, 329000-2X and 7170-11X.

(1) Gear and Shaft Kit No. KXA-2-P-746

January 2008

MES-50B

LEFT SIDE ONLY**TRANSMISSION GEAR DATA:**

L.H. 6-Bolt Opening Gear CENTER of Centerline

33 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

2.9890" (75.9206MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRGWX-*4 (1) 125 Opp 76 7-A-240(P) 329000-2X 7170-11X

(1) Gear and Shaft Kit No. KXA-2-P-746

MES-50C

LEFT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear CENTER of Centerline

32 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

3.0490" (77.4450MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRGWX-4 (1) 125 Opp 74 7-A-240(P) 329000-2X 7170-11X

(1) Gear and Shaft Kit No. KXA-2-P-746



El Poder de Mover

RENAULT



WARNING

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RENAULT TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
BDSL-132R	RNT-1	10	R33
BDSL-181 (MACK-T1060)	RNT-1	6	R33
BDSL-2052R	RNT-1	10	R33
BDSL-2142	RNT-2	5	R53
BDSL-2142R (MACK-T1100)	RNT-2	10	R53
G409-0 (MACK-T1090)	RNT-6	9	R53



IMPORTANT: See Safety Information
in Section 1 of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

T1060
BDSL-132R
BDSL-181
BDSL-2052R

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

33 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1980" (30.4300MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442LLDHX-*3 (1)	250	Opp	63	7-A-125	7170-60X
442LQDHX-*3 (1)	225	Opp	68	7-A-125	7170-60X
442LRDHX-*3 (1)	225	Opp	79	7-A-125	7170-60X
442LSDHX-*3 (1)	200	Opp	94	7-A-125	7170-60X
442LUDHX-*3 (1)	195	Opp	112	7-A-125	7170-60X
442LWDHX-*3 (1)	175	Opp	131	7-A-125	7170-60X
442LXDHX-*3 (1)	140	Opp	156	7-A-125	7170-60X

ONE SPEED - FORWARD & REVERSE

352LSDHX-*3 (1)	140	Opp	95	123	7-A-125	7170-60X
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ONE SPEED - DUAL SHAFT

452LSDHX-*3 (1)	140	Opp	95	7-A-125	7170-60X
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NOTE: No adapters available for this application.

(1) Input Gear Part No. 5-P-1041

January 2008

T1100
BDSL-2142
BDSL-2142R

RIGHT SIDE ONLY**TRANSMISSION GEAR DATA:**

R.H. 6-Bolt Opening Gear FORWARD of Centerline

53 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.4360" (11.0700MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRDJX-*3 (1) 125 Eng 126 7-A-550 7170-62X

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442KFDJX-*3 (2)	250	Opp	72	7-A-125	7170-61X
				7-A-500	
442KLDJX-*3 (3)	250	Opp	93	7-A-125	7170-61X
				7-A-500	
442KQDJX-*3 (3)	225	Opp	100	7-A-125	7170-61X
				7-A-500	
442KRDJX-*3 (3)	225	Opp	116	7-A-125	7170-61X
				7-A-500	
442KSDJX-*3 (3)	200	Opp	138	7-A-125	7170-61X
				7-A-500	
442KUDJX-*3 (3)	195	Opp	164	7-A-125	7170-61X
				7-A-500	
442KWDJX-*3 (3)	175	Opp	193	7-A-125	7170-61X
				7-A-500	
442KXDJX-*3 (3)	140	Opp	228	7-A-125	7170-61X
				7-A-500	

NOTE: No adapters available for this application.

(1) Gear and Shaft Kit No. KXA-2-P-609
(2) Input Gear Part No. 5-P-1086
(3) Input Gear Part No. 5-P-1042

T1090
G409-0

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

53 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.4500" (11.4300MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRDJX-*3 (1) 125 Eng 137 7-A-550 7170-62X

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442KFDJX-*3 (2)	250	Opp	78	7-A-125	7170-61X
				7-A-500	
442KLDJX-*3 (3)	250	Opp	101	7-A-125	7170-61X
				7-A-500	
442KQDJX-*3 (3)	225	Opp	109	7-A-125	7170-61X
				7-A-500	
442KRDJX-*3 (3)	225	Opp	126	7-A-125	7170-61X
				7-A-500	
442KSDJX-*3 (3)	200	Opp	150	7-A-125	7170-61X
				7-A-500	
442KUDJX-*3 (3)	195	Opp	178	7-A-125	7170-61X
				7-A-500	
442KWDJX-*3 (3)	175	Opp	210	7-A-125	7170-61X
				7-A-500	
442KXDJX-*3 (3)	140	Opp	248	7-A-125	7170-61X
				7-A-500	

ONE SPEED - FORWARD & REVERSE

340SFDJX-*3 (4) 200 Opp 71 75 7-A-800 7170-61X

NOTE: No adapters available for this application.

(1) Gear and Shaft Kit No. KXA-2-P-609
(2) Input Gear Part No. 5-P-1086
(3) Input Gear Part No. 5-P-1042
(4) Input Gear Part No. 5-P-921



TREMEC



WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

Offer of Sale

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TREMEC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
TDET0880 (Same as TR-4050, Dodge Mexico)	TTC-150	5	R32
TDET1361 (Same as TR-4050, Chev/GMC)	TTC-150	5	R32
TDET1664 (Same as TR-4050, Ford Mexico)	TTC-150	5	R32
TR-4050 (Transmission made in Mexico)	TTC-150	5	R32
190F	WRN-5	4	L36-R36



IMPORTANT: See Safety Information
in Section 1 of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

TDET0880
TDET1361
TDET1664
TR-4050

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

32 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1400" (28.9342MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442XLKNX-*3 (1)	250	Opp	49	Furnished
442XQKNX-*3 (1)	225	Opp	53	Furnished
442XRKNX-*3 (1)	225	Opp	61	Furnished
442XSKNX-*3 (1)	200	Opp	73	Furnished
442XUKNX-*3 (1)	195	Opp	87	Furnished
442XWKNX-*3 (1)	175	Opp	102	Furnished
442XXKNX-*3 (1)	140	Opp	121	Furnished

GEARED ADAPTERS

626XKNX-3KP	7170-4X
630XKNX-3KP	7170-4X
645XKNX-3KP	7170-4X

(1) Input Gear Part No. 5-P-1383

190F	T-98-1V
T-18	T-98A
T-19	
T-98-1P	
T-98-1R	

LEFT SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: L.H. 6-Bolt Opening Gear REAR of Centerline 36 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear REAR of Centerline 36 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: 1.0850" (27.5600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

								100XRBZX-*4 (1)	125	Eng	51				Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442XLBZX-*6 (2)	250	Opp	40				Furnished	442XLBZX-*4 (2)	250	Opp	40				Furnished
442XQBZX-*6 (2)	225	Opp	43				Furnished	442XQBZX-*4 (2)	225	Opp	43				Furnished
442XRBZX-*6 (2)	225	Opp	50				Furnished	442XRBZX-*4 (2)	225	Opp	50				Furnished
442XSBZX-*6 (2)	200	Opp	60				Furnished	442XSBZX-*4 (2)	200	Opp	60				Furnished
442XUBZX-*6 (2)	195	Opp	71				Furnished	442XUBZX-*4 (2)	195	Opp	71				Furnished
442XWBZX-*6 (2)	175	Opp	84				Furnished	442XWBZX-*4 (2)	175	Opp	84				Furnished
442XXBZX-*6 (2)	140	Opp	99				Furnished	442XXBZX-*4 (2)	140	Opp	99				Furnished

ONE SPEED - FORWARD & REVERSE

352XSBZX-*6 (2)	140	Opp	60	78			Furnished	352XSBZX-*4 (2)	140	Opp	60	78			Furnished
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ONE SPEED - DUAL SHAFT

452XSBZX-*6 (2)	140	Opp	60				Furnished	452XSBZX-*4 (2)	140	Opp	60				Furnished
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NOTE: T-18 available with opening on right or left side.

NOTE: Navistar Model #T-427 for T-19 has both right and left hand openings.

NOTE: No adapters available for this application.

(1) Gear and Shaft Kit No. KXA-2-P-583
 (2) Input Gear Part No. 5-P-1028

Notes





TTC



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TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
AMO1000-4C (BM#301474)	SPR-87	4	L39-R39
AMO1000-4D (BM#301475)	SPR-87	4	L39-R39
AMO610-4L (BM#301478)	SPR-89	3	R34
APO1000-4C (BM#301476)	SPR-87	4	L39-R39
APO1000-4D (BM#301477)	SPR-87	4	L39-R39
AS100-10D (BM#301612)	SPR-143	10	L45-R45
AS125-10D (BM#301613)	SPR-143	10	L45-R45
AS125-9A	SPR-136	9	L45-R45
AS135-10D (BM#301614)	SPR-143	10	L45-R45
AS135-9A	SPR-136	9	L45-R45
AS140-9A	SPR-136	9	L45-R45
AS145-10D (BM#301615)	SPR-143	10	L45-R45
AS56-7B (AMT-7 Series - Automated Mechanical Transmission)	TTC-149	7	L34-R34
ASO10-ESP	SPR-140	10	L45-R45
ASO10-VP10	SPR-140	10	L45-R45
ASO100-10S	SPR-140	10	L45-R45
ASO125-10S (BM#301579)	SPR-140	10	L45-R45
ASO125-9A	SPR-137	9	L45-R45
ASO135-9A	SPR-137	9	L45-R45
ASO140-10S (BM#301580)	SPR-140	10	L45-R45
ASO140-9A	SPR-137	9	L45-R45
ASO145-9A	SPR-137	9	L45-R45
ASO150-10S (BM#301578)	SPR-140	10	L45-R45
ASO150-9A	SPR-137	9	L45-R45
ASO160-10S	SPR-140	10	L45-R45
ASO165-10S (BM#301581)	SPR-140	10	L45-R45
ASO66-7B (AMT-7 Series - Automated Mechanical Transmission)	SPR-138	7	L34-R34
ATO100-4D	SPR-87	4	L39-R39
ATO1000-4C (BM#301474)	SPR-87	4	L39-R39
ATO1000-4D (BM#301475)	SPR-87	4	L39-R39
ATO610-4L (BM#301478)	SPR-89	3	R34
CM4052-A	SPR-126	5	L40-R40
CM4052-D	SPR-127	5	L42-R42
CM4054-A	SPR-126	5	L40-R40
CM4054-D	SPR-127	5	L42-R42
CM4954-A	SPR-133	5	L32-R32



IMPORTANT: See Safety Information
in Section I of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
CM4954-D	SPR-134	5	L34-R34
CM50-HD	TSP-4	5	L43-R43
CM5052-A	SPR-94	5	L41-R41
CM5052-B	SPR-93	5	L39-R39
CM5052-C	SPR-94	5	L41-R41
CM5052-D	SPR-95	5	L43-R43
CM5252-A	SPR-95	5	L43-R43
CM5510-A	SPR-94	5	L41-R41
CM5552-A	SPR-94	5	L41-R41
CM5552-B	SPR-93	5	L39-R39
CM5552-C	SPR-94	5	L41-R41
CM5552-D	SPR-95	5	L43-R43
CM5852-A	SPR-95	5	L43-R43
CM5952-A	SPR-128	5	L41-R41
CM5952-B	SPR-129	5	L39-R39
CM5952-C	SPR-128	5	L41-R41
CM5952-D	SPR-130	5	L43-R43
CM5952-E	SPR-131	5	L43-R43
CV-31 (Spicer Mexico)	SPR-11	5	L25-R22
CV-34 (Spicer Mexico)	SPR-64	5	L25-R42
CV-37F (Spicer Mexico)	SPR-14	5	L26-R21
EPSO175-16M (BM#301856)	SPR-145	16	B57-R57
ES42-5A (BM#301438)	SPR-126	5	L40-R40
ES42-5D (BM#301439)	SPR-127	5	L42-R42
ES43-5A (BM#301633)	SPR-133	5	L32-R32
ES43-5D (BM#301634)	SPR-134	5	L34-R34
ES52-5A (BM#301455)	SPR-133	5	L32-R32
ES52-5D (BM#301456)	SPR-134	5	L34-R34
ES52-7A (BM#301635)	SPR-139	7	L34-R34
ES52-7B (BM#301637)	SPR-139	7	L34-R34
ES53-5A (BM#301631)	SPR-133	5	L32-R32
ES53-5D (BM#301632)	SPR-134	5	L34-R34
ES55-5D	SPR-130	5	L43-R43
ES56-5A	TTC-147	5	L32-R32
ES56-7B	TTC-149	7	L34-R34
ES60-5A (BM#301460)	SPR-128	5	L41-R41



IMPORTANT: See Safety Information
in Section I of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Apertures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

January 2008

For transmission not listed, contact your authorized Chelsea Distributor.

TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
ES60-5C (BM#301461)	SPR-128	5	L41-R41
ES60-5D (BM#301462)	SPR-130	5	L43-R43
ES60-5E (BM#301463)	SPR-131	5	L43-R43
ES60-5F (BM#301482)	SPR-128	5	L41-R41
ES62-5A (BM#301528)	SPR-128	5	L41-R41
ES62-5D (BM#301530)	SPR-130	5	L43-R43
ES67-5A (BM#301532)	SPR-128	5	L41-R41
ES67-5D (BM#301534)	SPR-130	5	L43-R43
ESO65-7A (BM#301636)	SPR-138	7	L34-R34
ESO66-7B (BM#301638)	SPR-138	7	L34-R34
LAS100-10D (BM#301616)	SPR-143	10	L45-R45
LAS115-9A (BM#301590)	SPR-136	9	L45-R45
LAS125-10D (BM#301617)	SPR-143	10	L45-R45
LAS125-9A	SPR-136	9	L45-R45
LAS135-10D (BM#301618)	SPR-143	10	L45-R45
LAS135-9A (BM#301592)	SPR-136	9	L45-R45
LAS140-9A	SPR-136	9	L45-R45
LAS145-10D (BM#301619)	SPR-143	10	L45-R45
LAS145-9A (BM#301593)	SPR-136	9	L45-R45
LASO115-9A (BM#301594)	SPR-137	9	L45-R45
LASO125-10S (BM#301620)	SPR-140	10	L45-R45
LASO125-9A (BM#301595)	SPR-137	9	L45-R45
LASO135-9A (BM#301597)	SPR-137	9	L45-R45
LASO140-10S (BM#301621)	SPR-140	10	L45-R45
LASO140-9A	SPR-137	9	L45-R45
LASO145-9A (BM#301596)	SPR-137	9	L45-R45
LASO150-10S (BM#301622)	SPR-140	10	L45-R45
LASO150-9A	SPR-137	9	L45-R45
LLAS100-10D	SPR-143	10	L45-R45
LLAS125-10D	SPR-143	10	L45-R45
LLAS135-10D	SPR-143	10	L45-R45
LLAS145-10D	SPR-143	10	L45-R45
LLASO125-10S	SPR-140	10	L45-R45
LLASO140-10S	SPR-140	10	L45-R45
LLASO150-10S	SPR-140	10	L45-R45
LLPS100-10D	SPR-143	10	L45-R45



IMPORTANT: See Safety Information
in Section I of the Chelsea Applications
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Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
LLPS125-10D	SPR-143	10	L45-R45
LLPS135-10D	SPR-143	10	L45-R45
LLPS145-10D	SPR-143	10	L45-R45
LLPSO100-10S	SPR-140	10	L45-R45
LLPSO125-10S	SPR-140	10	L45-R45
LLPSO140-10S	SPR-140	10	L45-R45
LLPSO150-10S	SPR-140	10	L45-R45
LLPSO165-10S	SPR-140	10	L45-R45
LPS100-10D (BM#301608)	SPR-143	10	L45-R45
LPS125-10D (BM#301609)	SPR-143	10	L45-R45
LPS125-9A (BM#301567)	SPR-136	9	L45-R45
LPS135-10D (BM#301610)	SPR-143	10	L45-R45
LPS140-9A (BM#301569)	SPR-136	9	L45-R45
LPS145-10D (BM#301611)	SPR-143	10	L45-R45
LPSO100-10S	SPR-140	10	L45-R45
LPSO125-10S (BM#301572)	SPR-140	10	L45-R45
LPSO125-9A (BM#301568)	SPR-137	9	L45-R45
LPSO140-10S (BM#301573)	SPR-140	10	L45-R45
LPSO140-9A (BM#301570)	SPR-137	9	L45-R45
LPSO150-10S (BM#301574)	SPR-140	10	L45-R45
LPSO150-9A (BM#301571)	SPR-137	10	L45-R45
LPSO165-10S	SPR-140	10	L45-R45
Model 23/24	SPR-125	1	L36
PS100-10D (BM#301604)	SPR-143	10	L45-R45
PS105-7LL (BM#301464)	SPR-135	7	B43-R43
PS110-7A (BM#301519)	SPR-118	7	B43-R43
PS110-7B (BM#301518)	SPR-124	7	B56-R56
PS125-10D (BM#301605)	SPR-143	10	L45-R45
PS125-6L	SPR-135	5	B43-R43
PS125-7A	SPR-124	7	B56-R56
PS125-7B (BM#301445)	SPR-124	7	B56-R56
PS125-9A (BM#301554)	SPR-136	9	L45-R45
PS130-10A (BM#301485)	SPR-123	10	B51-R51
PS130-12A (BM#301484)	SPR-123	12	B51-R51
PS130-5A (BM#301470)	SPR-114	5	B43-R43
PS130-6B (BM#301471)	SPR-106	6	B48-R48

Transmission P.T.O. Driver & Apertures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

January 2008

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IMPORTANT: See Safety Information
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catalog HY25-3000/US.

TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
PS130-6C	SPR-106	6	B48-R48
PS130-6L (BM#301465)	SPR-135	6	B43-R43
PS135-10D (BM#301606)	SPR-143	10	L45-R45
PS140-5	SPR-113	5	B44-R44
PS140-7A (BM#301444)	SPR-118	7	B43-R43
PS140-9A (BM#301555)	SPR-136	9	L45-R45
PS145-10D (BM#301607)	SPR-143	10	L45-R45
PS145-7A (BM#301520)	SPR-118	7	B43-R43
PS85-14-4L (BM#301525)	SPR-123	14	B51-R51
PS86-10V (BM#301587)	SPR-144	10	L45-R45
PS9-VPD	SPR-136	9	L45-R45
PS95-9A (BM#301553)	SPR-136	9	L45-R45
PS97-7A (BM#301446)	SPR-132	7	B50-R50
PSDO165-18A (Released for Mexico Market)	TTC-151	18	B52-R52
PSDO185-18A (Released for Mexico Market)	TTC-151	18	B52-R52
PSDO205-18A (Released for Mexico Market)	TTC-151	18	B52-R52
PSO10-ESP	SPR-140	10	L45-R45
PSO10-VPD	SPR-140	10	L45-R45
PSO100-10S (BM#301560)	SPR-140	10	L45-R45
PSO105-7LL	SPR-135	9	B43-R43
PSO115-10V (BM#301588)	SPR-140	10	L45-R45
PSO120-8LL (BM#301644)	SPR-111	9	B54-R54
PSO125-10D	SPR-146	10	L45-R45
PSO125-10S (BM#301561)	SPR-140	10	L45-R45
PSO125-10V (BM#301589)	SPR-140	10	L45-R45
PSO125-6L	SPR-111	7	B54-R54
PSO125-9A (BM#301556)	SPR-137	9	L45-R45
PSO135-10D	SPR-146	10	L45-R45
PSO140-10S (BM#301562)	SPR-140	10	L45-R45
PSO140-12B (BM#301473)	SPR-103	12	B54-R54
PSO140-14A (BM#301483)	SPR-103	14	B54-R54
PSO140-6A (BM#301472)	SPR-110	6	B54-R54
PSO140-6C	SPR-110	6	B54-R54
PSO140-9A (BM#301557)	SPR-137	9	L45-R45
PSO145-10D	SPR-146	10	L45-R45
PSO145-10V (BM#301582)	SPR-140	10	L45-R45



IMPORTANT: See Safety Information
in Section I of the Chelsea Applications
catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
PSO145-9R (BM#301625)	SPR-140	9	L45-R45
PSO150-10S (BM#301563)	SPR-140	10	L45-R45
PSO150-16A (BM#301641)	SPR-141	16	B54-R54
PSO150-16B (BM#301647)	SPR-142	16	B56-R56
PSO150-9A (BM#301558)	SPR-137	9	L45-R45
PSO155-10D	SPR-146	10	L45-R45
PSO160-10S	SPR-140	10	L45-R45
PSO165-10D	SPR-146	10	L45-R45
PSO165-10S (BM#301564)	SPR-140	10	L45-R45
PSO165-12B (BM#301586)	SPR-103	12	B54-R54
PSO165-16B (BM#301583)	SPR-145	16	B57-R57
PSO165-18A (BM#301666)	SPR-145	18	B57-R57
PSO175-16B (BM#301587)	SPR-142	16	B56-R56
PSO175-16M (BM#301645)	SPR-142	16	B56-R56
PSO175-16SM (BM#301853)	SPR-145	16	B57-R57
PSO175-18A (BM#301585)	SPR-145	18	B57-R57
PSO175-18M (BM#301849)	SPR-145	18	B57-R57
PSO85-14-4L (BM#301540)	SPR-103	14	B54-R54
PSO9-VPD	SPR-137	9	L45-R45
PSO95-9	SPR-137	9	L45-R45
PSX150-9S (BM#301521)	SPR-140	9	L45-R45
R8341-C	SPR-88	4	R33
R8341-D	SPR-89	4	R34
R8341-E	SPR-90	4	R35
R8341-F	SPR-88	4	R33
R8341-G	SPR-89	4	R34
R8341-K	SPR-88	4	R33
R8341-L	SPR-89	4	R34
R8516 (All Models - Compound Rear Box)	SPR-91	16	R32
R8716 (Compound Rear Box)	SPR-91	16	R32
RP8341-C	SPR-88	4	R33
RP8341-D	SPR-89	4	R34
RP8341-F	SPR-88	4	R33
RP8341-G	SPR-89	4	R34
RP8341-K	SPR-88	4	R33
RP8341-L	SPR-89	4	R34



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Transmission P.T.O. Driver & Apertures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

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TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
RP8716 (Compound Rear Box)	SPR-91	16	R32
TR-4050 (Transmission made in Mexico)	TTC-150	5	R32
TSP120-12A	TSP-2	10	B51-R51
TSPO145-14A	TSP-8	14	B56-R56
TSPO150-12A	TSP-7	12	B49-R49
TSPO155-14HP	TSP-8	14	B56-R56
TSPO155-16A	TSP-3	10	B54-R54
TSPO155-16HP	TSP-1	16	B56-R56
TSPO165-18A	TSP-9	18	B57-R57
TSPO165-18HP	TSP-9	18	B57-R57
TSPO175-18M	TSP-9	18	B57-R57
TSPO180-16SM	TSP-5	16	L84-R84
TSPO180-18SM	TSP-6	18	L76-R76
1007-2A (BM#301117)	SPR-112	6	B45-R45
1007-2A (BM#301206)	SPR-112	6	B45-R45
1007-2B (BM#301118)	SPR-106	6	B48-R48
1007-2B (BM#301207)	SPR-106	6	B48-R48
1007-3A (BM#301121)	SPR-111	6	B54-R54
1007-3A (BM#301208)	SPR-111	6	B54-R54
1010-2A (BM#301111 and Later)	SPR-108	10	B49-R49
1010-3A (BM#301113 and Later)	SPR-103	10	B54-R54
1010-3B (BM#301115 and Later)	SPR-105	10	B48-R48
1010-4A (BM#301112 and Later)	SPR-108	10	B49-R49
1010-5A (BM#301114 and Later)	SPR-103	10	B54-R54
1020-2A (BM#301123 and Later)	SPR-108	20	B49-R49
1020-3A (BM#301125 and Later)	SPR-105	20	B48-R48
1020-4A (BM#301124 and Later)	SPR-108	20	B49-R49
1020-5A (BM#301126 and Later)	SPR-105	20	B48-R48
1052-A (BM#301091 and Later)	SPR-114	5	B43-R43
1054-A (BM#301092 and Later)	SPR-114	5	B43-R43
1062-A (BM#301101 and Later)	SPR-112	6	B45-R45
1062-B (BM#301103 and Later)	SPR-106	6	B48-R48
1062-C (BM#301133 and Later)	SPR-106	6	B48-R48
1062-D (BM#301148)	SPR-106	6	B48-R48
1064-A (BM#301102 and Later)	SPR-112	6	B45-R45
1064-B (BM#301104 and Later)	SPR-106	6	B48-R48



IMPORTANT: See Safety Information
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catalog HY25-3000/US.

Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

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TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
1064-C (BM#301136)	SPR-106	6	B48-R48
1064-D (BM#301149)	SPR-106	6	B48-R48
1107-2A (BM#301156)	SPR-116	7	B51-R51
1107-2A (BM#301201)	SPR-118	7	B43-R43
1207-2A (BM#301195)	SPR-112	7	B45-R45
1207-2B (BM#301196)	SPR-106	7	B48-R48
1207-3A (BM#301199)	SPR-111	7	B54-R54
1214-3A (BM#301212 & 301130 and Later)	SPR-104	14	B54-R54
1214-5A (BM#301213 & 301131 and Later)	SPR-104	14	B54-R54
1241-C (Aux.)	SPR-87	4	L39-R39
1241-D (Aux.)	SPR-87	4	L39-R39
1252-A (BM#301094 and Later)	SPR-113	5	B44-R44
1253-A (BM#301096 and Later)	SPR-107	5	B51-R51
1253-B (BM#301098 and Later)	SPR-109	5	B55-R55
1254-A (BM#301095 and Later)	SPR-113	5	B44-R44
1255-A (BM#301097 and Later)	SPR-107	5	B51-R51
1255-B (BM#301099 and Later)	SPR-109	5	B55-R55
1262-A (BM#301105 and Later)	SPR-112	6	B45-R45
1263-A (BM#301107 and Later)	SPR-110	6	B54-R54
1263-B (BM#301109 and Later)	SPR-111	6	B54-R54
1264-A (BM#301106)	SPR-112	6	B45-R45
1265-A (BM#301108)	SPR-110	6	B54-R54
1272-A (BM#301140 and Later)	SPR-106	7	B48-R48
1272-A (BM#301215)	SPR-106	7	B48-R48
1272-B (BM#301158)	SPR-106	7	B48-R48
1274-A (BM#301216 & 301141)	SPR-106	7	B48-R48
1274-B (BM#301159)	SPR-106	7	B48-R48
1310-2A (BM#301316)	SPR-123	10	B51-R51
1310-4A (BM#301317)	SPR-123	10	B51-R51
1352-A (BM#301235)	SPR-114	5	B43-R43
1362-A (BM#301169)	SPR-112	5	B45-R45
1362-B (BM#301171)	SPR-106	6	B48-R48
1362-C (BM#301178)	SPR-106	6	B48-R48
1362-D (BM#301180)	SPR-106	6	B48-R48
1364-C (BM#301179)	SPR-106	6	B48-R48
1372-A (BM#301271)	SPR-118	7	B43-R43



IMPORTANT: See Safety Information
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Transmission P.T.O. Driver & Apertures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

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TTC TRANSMISSION INDEX

Transmission Make and Model	P.T.O. Appl. Number	Number Forward Speeds	Teeth in P.T.O. Driver
1372-B (BM#301325)	SPR-124	7	B56-R56
1374-A (BM#301272)	SPR-118	7	B43-R43
1410-2A (BM#301288)	SPR-108	10	B49-R49
1410-3A (BM#301163)	SPR-103	10	B54-R54
1410-3B (BM#301165)	SPR-105	10	B48-R48
1412-3A (BM#301227-1)	SPR-103	10	B54-R54
1414-3A (BM#301243)	SPR-103	14	B54-R54
1414-3A (BM#301290)	SPR-103	14	B54-R54
1420-3A (BM#301232)	SPR-103	14	B54-R54
1420-3B (BM#301332)	SPR-103	10	B54-R54
1452-A (BM#301183)	SPR-113	10	B44-R44
1453-A (BM#301185)	SPR-107	5	B51-R51
1453-B (BM#301187)	SPR-109	5	B55-R55
1462-A (BM#301173)	SPR-112	5	B45-R45
1463-A (BM#301175)	SPR-110	6	B54-R54
9072-A	SPR-132	7	B50-R50
9505-2A	SPR-135	5	B43-R43
9505-2B	SPR-135	5	B43-R43



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Transmission P.T.O. Driver & Aperatures (Viewed from Rear of Transmission)

L-Left Side R-Right Side B-Bottom Side T-Top Side

For transmission not listed, contact your authorized Chelsea Distributor.

January 2008

CV-31

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

25 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1140" (28.3000MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

22 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1160" (28.3500MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRBHX-*3 (1)	125	Opp	49				Furnished	100XRBHX-*3 (2)	125	Eng	49				Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442XLBHX-*5 (3)	250	Eng	37				Furnished								
442XQBHX-*5 (3)	225	Eng	40				Furnished								
442XRBHX-*5 (3)	225	Eng	47				Furnished								
442XSBHX-*5 (3)	200	Eng	55				Furnished								
442XUBHX-*5 (3)	195	Eng	66				Furnished								
442XWBHX-*5 (3)	175	Eng	78				Furnished								
442XXBHX-*5 (3)	140	Eng	92				Furnished								

ONE SPEED - FORWARD & REVERSE

352XSBHX-*5 (3)	140	Eng	56	73			Furnished								
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ONE SPEED - DUAL SHAFT

452XSBHX-*3 (3)	140	Eng	56				Furnished								
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(1) Gear and Shaft Kit No. KXA-2-P-572

(2) Gear and Shaft Kit No. KXA-2-P-573

(3) Input Gear Part No. 5-P-1016

CV-37F

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

26 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1140" (28.3000MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

21 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1140" (28.3000MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRBHX-*3 (1)	125	Opp	51				Furnished	100XRBHX-*3 (2)	125	Eng	51				Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442XLBHX-*5 (3)	250	Eng	39				Furnished								
442XQBHX-*5 (3)	225	Eng	42				Furnished								
442XRBHX-*5 (3)	225	Eng	48				Furnished								
442XSBHX-*5 (3)	200	Eng	58				Furnished								
442XUBHX-*5 (3)	195	Eng	69				Furnished								
442XWBHX-*5 (3)	175	Eng	81				Furnished								
442XXBHX-*5 (3)	140	Eng	95				Furnished								

ONE SPEED - FORWARD & REVERSE

352XSBHX-*5 (3)	140	Eng	58	75			Furnished								
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ONE SPEED - DUAL SHAFT

452XSBHX-*3 (3)	140	Eng	58				Furnished								
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(1) Gear and Shaft Kit No. KXA-2-P-572
(2) Gear and Shaft Kit No. KXA-2-P-573
(3) Input Gear Part No. 5-P-1016

CV-34

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

25 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

1.1140" (28.3000MM)

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear FORWARD of Centerline

42 Teeth - L.H. HELIX

PITCH LINE TO APERTURE FACE:

.8030" (20.4000MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRBHX-*3 (1)	125	Opp	49				Furnished	100XRBXX-*3 (2)	125	Eng	87			328481X	Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442XLBHX-*5 (3)	250	Eng	37				Furnished								
442XQBHX-*5 (3)	225	Eng	40				Furnished								
442XRBHX-*5 (3)	225	Eng	47				Furnished								
442XSBHX-*5 (3)	200	Eng	55				Furnished								
442XUBHX-*5 (3)	195	Eng	66				Furnished								
442XWBHX-*5 (3)	175	Eng	78				Furnished								
442XXBHX-*5 (3)	140	Eng	92				Furnished								

ONE SPEED - FORWARD & REVERSE

352XSBHX-*5 (3)	140	Eng	56	73			Furnished								
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ONE SPEED - DUAL SHAFT

452XSBHX-*3 (3)	140	Eng	56				Furnished								
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GEARED ADAPTERS

626XBHX-4BJ	Furnished
630XBHX-4BJ	Furnished
645XBHX-4BJ	Furnished

(1) Gear and Shaft Kit No. KXA-2-P-572

(2) Gear and Shaft Kit No. KXA-2-P-581

(3) Input Gear Part No. 5-P-1016

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1241-C	APO1000-4D
1241-D	ATO100-4D
AMO1000-4C	ATO1000-4C
AMO1000-4D	ATO1000-4D
APO1000-4C	

LEFT SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: L.H. 8-Bolt Opening Gear REAR of Centerline 39 Teeth - SPUR PITCH LINE TO APERTURE FACE: .6750" (17.1500MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear REAR of Centerline 39 Teeth - SPUR PITCH LINE TO APERTURE FACE: .9460" (24.0300MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine % Hi Rev	Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine % Hi Rev	Filler Block	Adapter Assy.	Stud Kit
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ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRABX-*4 (1)	125	Eng	172	7-A-125(P)	328481X	7170-11X	100XRABX-*4 (1)	125	Eng	172	7-A-125		7170-11X
812XKABX-*4	400	Eng	115	8-A-062		328170-21X							

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221ZCABX-*6	250	Opp	79	7-A-093(P)	328564X	328170-1X	221XCABX-*4	250	Opp	79	7-A-093		328170-102X
221ZEABX-*6	250	Opp	88	7-A-093(P)	328564X	328170-1X	221XEABX-*4	250	Opp	88	7-A-093		328170-102X
221ZLABX-*6	200	Opp	118	7-A-093(P)	328564X	328170-1X	221XLABX-*4	200	Opp	118	7-A-093		328170-102X
221ZPABX-*6	200	Opp	143	7-A-093(P)	328564X	328170-1X	221XPABX-*4	200	Opp	143	7-A-093		328170-102X
442LFABX-*6 (2)	250	Opp	103	7-A-093(P)	328564X	7170-2X	442KFABX-*4 (2)	250	Opp	103	7-A-093		7170-3X
442LLABX-*6 (3)	250	Opp	133	7-A-093(P)	328564X	7170-2X	442KLABX-*4 (3)	250	Opp	133	7-A-093		7170-3X
442LQABX-*6 (3)	225	Opp	144	7-A-093(P)	328564X	7170-2X	442KQABX-*4 (3)	225	Opp	144	7-A-093		7170-3X
442LRABX-*6 (3)	225	Opp	166	7-A-093(P)	328564X	7170-2X	442KRABX-*4 (3)	225	Opp	166	7-A-093		7170-3X
442LSABX-*6 (3)	200	Opp	198	7-A-093(P)	328564X	7170-2X	442KSABX-*4 (3)	200	Opp	198	7-A-093		7170-3X
442LUABX-*6 (3)	195	Opp	236	7-A-093(P)	328564X	7170-2X	442KUABX-*4 (3)	195	Opp	236	7-A-093		7170-3X
442LWABX-*6 (3)	175	Opp	278	7-A-093(P)	328564X	7170-2X	442KWABX-*4 (3)	175	Opp	278	7-A-093		7170-3X
442LXABX-*6 (3)	140	Opp	328	7-A-093(P)	328564X	7170-2X	442KXABX-*4 (3)	140	Opp	328	7-A-093		7170-3X
489XFABX-*6 (2)	250	Opp	103	8-A-062		328170-190X							
489XLABX-*6 (3)	250	Opp	133	8-A-062		328170-190X							
489XQABX-*6 (3)	225	Opp	144	8-A-062		328170-190X							
489XRABX-*6 (3)	225	Opp	166	8-A-062		328170-190X							
489XSABX-*6 (3)	200	Opp	198	8-A-062		328170-190X							
489XUABX-*6 (3)	195	Opp	236	8-A-062		328170-190X							
489XWABX-*6 (3)	175	Opp	278	8-A-062		328170-190X							
489XXABX-*6 (3)	140	Opp	328	8-A-062		328170-190X							
823XBABX-*6	500	Opp	72	8-A-062		328170-15X							
880XBABX-*6 (4)	500	Opp	72	8-A-062		328170-15X							

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236LDABX-*6 (3)	250	Opp	108	7-A-093(P)	328564X	7170-2X	236KDABX-*4 (3)	250	Opp	108	7-A-093		7170-3X
236LKABX-*6 (3)	250	Opp	138	7-A-093(P)	328564X	7170-2X	236KKABX-*4 (3)	250	Opp	138	7-A-093		7170-3X
236LQABX-*6 (3)	250	Opp	187	7-A-093(P)	328564X	7170-2X	236KQABX-*4 (3)	250	Opp	187	7-A-093		7170-3X
236LUABX-*6 (3)	225	Opp	213	7-A-093(P)	328564X	7170-2X	236KUABX-*4 (3)	225	Opp	213	7-A-093		7170-3X

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

NOTE: Both openings located on bottom of transmission.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

(1) Gear and Shaft Kit No. KXA-2-P-563
 (2) Input Gear Part No. 5-P-1076
 (3) Input Gear Part No. 5-P-1001
 (4) Input Gear Part No. 5-P-1099

1241-C	APO1000-4D
1241-D	ATO100-4D
AMO1000-4C	ATO1000-4C
AMO1000-4D	ATO1000-4D
APO1000-4C	

LEFT SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: L.H. 8-Bolt Opening Gear REAR of Centerline 39 Teeth - SPUR PITCH LINE TO APERTURE FACE: .6750" (17.1500MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear REAR of Centerline 39 Teeth - SPUR PITCH LINE TO APERTURE FACE: .9460" (24.0300MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - FORWARD & REVERSE

340SFABX-*4 (5)	200	Opp	94	99	7-A-187(P)	328564X	7170-1X	340SFABX-*4 (5)	200	Opp	94	99	7-A-187		7170-2X
352ZSABX-*6 (3)	140	Opp	201	260	7-A-093(P)	328564X	7170-2X	352XSABX-*4 (3)	140	Opp	201	260	7-A-093		7170-3X
863XBABX-*4	500	Opp	72	89	8-A-062		328170-15X								

ONE SPEED - DUAL SHAFT

452ZSABX-*6 (3)	140	Opp	201		7-A-093(P)	328564X	7170-2X	452XSABX-*4 (3)	140	Opp	201		7-A-093		7170-3X
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GEARED ADAPTERS

628XABX-3AB					8-A-093		328170-190X	626KABX-4AB					7-A-093		7170-3X
								630KABX-4AB					7-A-093		7170-3X
								645KABX-4AB					7-A-093		7170-3X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

NOTE: Both openings located on bottom of transmission.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

(3) Input Gear Part No. 5-P-1001
 (5) Input Gear Part No. 5-P-579

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R8341-C	RP8341-K
R8341-F	
R8341-K	
RP8341-C	
RP8341-F	

	RIGHT SIDE ONLY
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	TRANSMISSION GEAR DATA: R.H. 8-Bolt Opening Gear REAR of Centerline 33 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: .9000" (22.8600MM)
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Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442LLCRX-*4 (1)	250	Opp	152	7-A-032(P)	310778X	328170-79X
442LQCRX-*4 (1)	225	Opp	163	7-A-032(P)	310778X	328170-79X
442LRCRX-*4 (1)	225	Opp	189	7-A-032(P)	310778X	328170-79X
442LSCRX-*4 (1)	200	Opp	225	7-A-032(P)	310778X	328170-79X
442LUCRX-*4 (1)	195	Opp	268	7-A-032(P)	310778X	328170-79X
442LWCRX-*4 (1)	175	Opp	315	7-A-032(P)	310778X	328170-79X
442LXCRX-*4 (1)	140	Opp	373	7-A-032(P)	310778X	328170-79X
823XBCRX-*4	500	Opp	76	8-A-165		328170-15X

ONE SPEED - FORWARD & REVERSE

863XBCRX-*4	500	Opp	76	94	8-A-165	328170-15X
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NOTE: All speeds shown are with main transmission in direct drive. Other P.T.O. speeds available by dividing shown speeds by transmission ratios.

NOTE: No adapters are available for this application.

(1) Input Gear Part No. 5-P-1036

January 2008

AMO610-4L	RP8341-D
ATO610-4L	RP8341-G
R8341-D	RP8341-L
R8341-G	
R8341-L	

RIGHT SIDE ONLY

		TRANSMISSION GEAR DATA: R.H. 8-Bolt Opening Gear REAR of Centerline 34 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: .7900" (20.0700MM)
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Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442LLCRX-*4 (1)	250	Opp	156										328564X	Furnished
442LQCRX-*4 (1)	225	Opp	168										328564X	Furnished
442LRCRX-*4 (1)	225	Opp	195										328564X	Furnished
442LSCRX-*4 (1)	200	Opp	232										328564X	Furnished
442LUCRX-*4 (1)	195	Opp	276										328564X	Furnished
442LWCRX-*4 (1)	175	Opp	325										328564X	Furnished
442LXCRX-*4 (1)	140	Opp	384										328564X	Furnished
489ZLCRX-*4 (1)	250	Opp	156								8-A-093		328170-190X	
489ZQCRX-*4 (1)	225	Opp	168								8-A-093		328170-190X	
489ZRCRX-*4 (1)	225	Opp	195								8-A-093		328170-190X	
489ZUCRX-*4 (1)	195	Opp	276								8-A-093		328170-190X	
489ZWCRX-*4 (1)	175	Opp	325								8-A-093		328170-190X	
489ZXCX-*4 (1)	140	Opp	384								8-A-093		328170-190X	
823XBCRX-*4	500	Opp	78								8-A-190		328170-14X	
											8-A-032			

NOTE: No adapters are available for this application.

(1) Input Gear Part No. 5-P-1036

January 2008

R8341-E

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear REAR of Centerline

35 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.6800" (17.2700MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442LLCRX-*4 (1)	250	Opp	161	7-A-093(P)	328564X	7170-1X
442LQCRX-*4 (1)	225	Opp	173	7-A-093(P)	328564X	7170-1X
442LRCRX-*4 (1)	225	Opp	200	7-A-093(P)	328564X	7170-1X
442LSCRX-*4 (1)	200	Opp	239	7-A-093(P)	328564X	7170-1X
442LUCRX-*4 (1)	195	Opp	284	7-A-093(P)	328564X	7170-1X
442LWCRX-*4 (1)	175	Opp	334	7-A-093(P)	328564X	7170-1X
442LXCRX-*4 (1)	140	Opp	396	7-A-093(P)	328564X	7170-1X
823XBCRX-*4	500	Opp	80	8-A-295		328170-14X
880XBCRX-*4 (2)	500	Opp	80	8-A-295		328170-14X

ONE SPEED - FORWARD & REVERSE

863XBCRX-*4	500	Opp	80	100	8-A-295	328170-14X
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NOTE: No adapters available for this application.

(1) Input Gear Part No. 5-P-1036
 (2) Input Gear Part No. 5-P-1116

R8516
R8716
RP8716

	RIGHT SIDE ONLY
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	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 32 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: 1.3570" (34.4700MM)
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Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221ZEADX-*3 250 Opp 94 Furnished

NOTE: For Front Portion of 8516 Series Transmissions see Application No. SPR-39. For 8716 Series Transmissions see Application No. SPR-69.

NOTE: Speeds given are with Main Transmission in Direct Drive (4th speed) Other speeds may be obtained by dividing speed shown by transmission ratios. Example: R8516-3A 1st = $(91 / 6.53 = 14\%)$ 2nd = $(91 / 3.42 = 27\%)$ 3rd = $(91 / 1.86 = 49\%)$ 4th = $(91 / 1.00 = 91\%)$

NOTE: No adapters available for this application.

CM5052-B
CM5552-B

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

39 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.9340" (23.7236MM)

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear FORWARD of Centerline

39 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.6300" (16.0020MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRBGX-*3 (1) 125 Eng 80 7-A-062(P) 310778X Furnished

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442KFBGX-*5 (2)	250	Opp	47		7-A-200		7170-4X	442XFBGX-*3 (2)	250	Opp	47		7-A-032(P)	328564X	Furnished
442KLBGX-*5 (3)	250	Opp	61		7-A-200		7170-4X	442XLBGX-*3 (3)	250	Opp	61		7-A-032(P)	328564X	Furnished
442KQBGX-*5 (3)	225	Opp	66		7-A-200		7170-4X	442XQBGX-*3 (3)	225	Opp	66		7-A-032(P)	328564X	Furnished
442KRBGX-*5 (3)	225	Opp	76		7-A-200		7170-4X	442XRBGX-*3 (3)	225	Opp	76		7-A-032(P)	328564X	Furnished
442KSBGX-*5 (3)	200	Opp	91		7-A-200		7170-4X	442XSBGX-*3 (3)	200	Opp	91		7-A-032(P)	328564X	Furnished
442KUBGX-*5 (3)	195	Opp	108		7-A-200		7170-4X	442XUBGX-*3 (3)	195	Opp	108		7-A-032(P)	328564X	Furnished
442KWBGX-*5 (3)	175	Opp	127		7-A-200		7170-4X	442XWBGX-*3 (3)	175	Opp	127		7-A-032(P)	328564X	Furnished
442KXBGX-*5 (3)	140	Opp	150		7-A-200		7170-4X	442XXBGX-*3 (3)	140	Opp	150		7-A-032(P)	328564X	Furnished
660KFBGX-*5 (4)	375	Opp	47		7-A-200		7170-4X	489XFBGX-*3 (2)	250	Opp	47		8-A-062		328170-190X
													8-A-093		
660KQBGX-*5 (5)	375	Opp	66		7-A-200		7170-4X	489XLBGX-*3 (3)	250	Opp	61		8-A-062		328170-190X
													8-A-093		
660KSBGX-*5 (6)	325	Opp	91		7-A-200		7170-4X	489XQBGX-*3 (3)	225	Opp	66		8-A-062		328170-190X
													8-A-093		
								489XRBGX-*3 (3)	225	Opp	76		8-A-062		328170-190X
													8-A-093		
								489XSBGX-*3 (3)	200	Opp	91		8-A-062		328170-190X
													8-A-093		
								489XUBGX-*3 (3)	195	Opp	108		8-A-062		328170-190X
													8-A-093		
								489XWBGX-*3 (3)	175	Opp	127		8-A-062		328170-190X
													8-A-093		
								489XXBGX-*3 (3)	140	Opp	150		8-A-062		328170-190X
													8-A-093		
								680XFBGX-*3 (4)	375	Opp	47		8-A-062		328170-190X
													8-A-093		
								680XQBGX-*3 (5)	375	Opp	66		8-A-062		328170-190X
													8-A-093		
								680XSBGX-*3 (6)	325	Opp	91		8-A-062		328170-190X
													8-A-093		
								880XBBGX-*3 (7)	500	Opp	33		8-A-165		328170-115X
								880XMBGX-*3 (8)	500	Opp	58		8-A-165		328170-115X

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval

(1) Gear and Shaft Kit No. KXA-2-P-571
(2) Input Gear Part No. 5-P-1082
(3) Input Gear Part No. 5-P-1015
(4) Input Gear Part No. 5-P-1325
(5) Input Gear Part No. 5-P-1326
(6) Input Gear Part No. 5-P-1327

(7) Input Gear Part No. 5-P-1116
(8) Input Gear Part No. 5-P-1175

January 2008

CM5052-B
CM5552-B

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

39 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.9340" (23.7236MM)

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear FORWARD of Centerline

39 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.6300" (16.0020MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

880XRBGX-*3 (9)	400	Opp	80	8-A-165	328170-115X
880XTBGX-*3 (10)	350	Opp	103	8-A-165	328170-115X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236KDBGX-*5 (3)	250	Opp	49	7-A-200	7170-4X	236XDBGX-*3 (3)	250	Opp	49	7-A-032(P)	328564X	Furnished
236KKBGX-*5 (3)	250	Opp	63	7-A-200	7170-4X	236XKBGX-*3 (3)	250	Opp	63	7-A-032(P)	328564X	Furnished
236KQBGX-*5 (3)	250	Opp	85	7-A-200	7170-4X	236XQBGX-*3 (3)	250	Opp	85	7-A-032(P)	328564X	Furnished
236KUBGX-*5 (3)	225	Opp	98	7-A-200	7170-4X	236XUBGX-*3 (3)	225	Opp	98	7-A-032(P)	328564X	Furnished

ONE SPEED - FORWARD & REVERSE

340XFBGX-*5 (11)	200	Opp	43	45	7-A-140 (12) 7-A-165	7170-4X	340XFBGX-*5 (11)	200	Opp	43	45	7-A-140(P)(12)	328564X	Furnished
352XSBGX-*5 (3)	140	Opp	88	114	7-A-200	7170-4X	352XSBGX-*3 (3)	140	Opp	88	114	7-A-032(P)	328564X	Furnished
							863XBBGX-*5	500	Opp	33	40	8-A-165		328170-15X

ONE SPEED - DUAL SHAFT

452XSBGX-*3 (3)	140	Opp	88	7-A-200	7170-4X	452XSBGX-*3 (3)	140	Opp	88	7-A-032(P)	328564X	Furnished
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GEARED ADAPTERS

626KBGX-4HB	7-A-200	7170-4X	628XBGX-3HB	8-A-190	328170-190X
630KBGX-3HB	7-A-200	7170-4X			
645KBGX-3HB	7-A-200	7170-4X			

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval

(3) Input Gear Part No. 5-P-1015
(9) Input Gear Part No. 5-P-1117
(10) Input Gear Part No. 5-P-1177
(11) Input Gear Part No. 5-P-580
(12) Filler block furnished with P.T.O.

January 2008

CM5052-A
CM5052-C
CM5510-A
CM5552-A
CM5552-C

LEFT SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: L.H. 6-Bolt Opening Gear FORWARD of Centerline 41 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: .7220" (18.3388MM)	TRANSMISSION GEAR DATA: R.H. 8-Bolt Opening Gear FORWARD of Centerline 41 Teeth - R.H. HELIX PITCH LINE TO APERTURE FACE: .4700" (11.9380MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRBGX-*3 (1)	125	Eng	84	7-A-125(P)	328564X	Furnished
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442KFBGX-*5 (2)	250	Opp	50	7-A-400	7170-5X	442KFBGX-*3 (2)	250	Opp	50	7-A-187(P)	328564X	7170-4X
442KLBGX-*5 (3)	250	Opp	64	7-A-400	7170-5X	442KLBGX-*3 (3)	250	Opp	64	7-A-187(P)	328564X	7170-4X
442KQBGX-*5 (3)	225	Opp	69	7-A-400	7170-5X	442KQBGX-*3 (3)	225	Opp	69	7-A-187(P)	328564X	7170-4X
442KRBGX-*5 (3)	225	Opp	80	7-A-400	7170-5X	442KRBGX-*3 (3)	225	Opp	80	7-A-187(P)	328564X	7170-4X
442KSBGX-*5 (3)	200	Opp	95	7-A-400	7170-5X	442KSBGX-*3 (3)	200	Opp	95	7-A-187(P)	328564X	7170-4X
442KUBGX-*5 (3)	195	Opp	114	7-A-400	7170-5X	442KUBGX-*3 (3)	195	Opp	114	7-A-187(P)	328564X	7170-4X
442KWBGX-*5 (3)	175	Opp	134	7-A-400	7170-5X	442KWBGX-*3 (3)	175	Opp	134	7-A-187(P)	328564X	7170-4X
442KXBGX-*5 (3)	140	Opp	158	7-A-400	7170-5X	442KXBGX-*3 (3)	140	Opp	158	7-A-187(P)	328564X	7170-4X
660KFBGX-*5 (4)	375	Opp	50	7-A-400	7170-5X	489XFBGX-*3 (2)	250	Opp	50	8-A-248		328170-192X
										8-A-093		
660KQBGX-*5 (5)	375	Opp	69	7-A-400	7170-5X	489XLBGX-*3 (3)	250	Opp	64	8-A-248		328170-192X
										8-A-093		
660KSBGX-*5 (6)	325	Opp	95	7-A-400	7170-5X	489XQBGX-*3 (3)	225	Opp	69	8-A-248		328170-192X
										8-A-093		
						489XRBGX-*3 (3)	225	Opp	80	8-A-248		328170-192X
										8-A-093		
						489XSBGX-*3 (3)	200	Opp	95	8-A-248		328170-192X
										8-A-093		
						489XUBGX-*3 (3)	195	Opp	114	8-A-248		328170-192X
										8-A-093		
						489XWBGX-*3 (3)	175	Opp	134	8-A-248		328170-192X
										8-A-093		
						489XXBGX-*3 (3)	140	Opp	158	8-A-248		328170-192X
										8-A-093		
						680XFBGX-*3 (4)	375	Opp	50	8-A-248		328170-192X
										8-A-093		
						680XQBGX-*3 (5)	375	Opp	69	8-A-248		328170-192X
										8-A-093		
						680XSBGX-*3 (6)	325	Opp	95	8-A-248		328170-192X
										8-A-093		
						823XBBGX-*3	500	Opp	34	8-A-295		328170-14X
						880XBBGX-*3 (7)	500	Opp	34	8-A-295		328170-117X

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

(1) Gear and Shaft Kit No. KXA-2-P-571
 (2) Input Gear Part No. 5-P-1082
 (3) Input Gear Part No. 5-P-1015
 (4) Input Gear Part No. 5-P-1325
 (5) Input Gear Part No. 5-P-1326
 (6) Input Gear Part No. 5-P-1327

(7) Input Gear Part No. 5-P-1116

January 2008

CM5052-A
CM5052-C
CM5510-A
CM5552-A
CM5552-C

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

41 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.7220" (18.3388MM)

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear FORWARD of Centerline

41 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.4700" (11.9380MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

880XMBGX-*3 (8)	500	Opp	61	8-A-295	328170-117X
880XRBGX-*3 (9)	400	Opp	84	8-A-295	328170-117X
880XTBGX-*3 (10)	350	Opp	108	8-A-295	328170-117X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236KDBGX-*5 (3)	250	Opp	52	7-A-400	7170-5X	236KDBGX-*3 (3)	250	Opp	52	7-A-187(P)	328564X	7170-4X
236KKBGX-*5 (3)	250	Opp	66	7-A-400	7170-5X	236KKBGX-*3 (3)	250	Opp	66	7-A-187(P)	328564X	7170-4X
236KQBGX-*5 (3)	250	Opp	90	7-A-400	7170-5X	236KQBGX-*3 (3)	250	Opp	90	7-A-187(P)	328564X	7170-4X
236KUBGX-*5 (3)	225	Opp	103	7-A-400	7170-5X	236KUBGX-*3 (3)	225	Opp	103	7-A-187(P)	328564X	7170-4X

ONE SPEED - FORWARD & REVERSE

340XFBGX-*5 (11)	200	Opp	45	48	7-A-140 (12) 7-A-300	7170-5X	340XFBGX-*5 (11)	200	Opp	45	48	7-A-140(T)(12) 7-A-125(P)	328564X	Furnished
352XSBGX-*5 (3)	140	Opp	93	120	7-A-400	7170-5X	352XSBGX-*3 (3)	140	Opp	93	120	7-A-187(P)	328564X	7170-4X
							863XBBGX-*5	500	Opp	34	42	8-A-295		328170-14X

ONE SPEED - DUAL SHAFT

452XSBGX-*3 (3)	140	Opp	93	7-A-400	7170-5X	452XSBGX-*3 (3)	140	Opp	93	7-A-187(P)	328564X	7170-4X
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GEARED ADAPTERS

626KBGX-4HB	7-A-400	7170-5X	628XBGX-3HB	8-A-375	328170-192X
630KBGX-4HB	7-A-400	7170-5X			
645KBGX-4HB	7-A-400	7170-5X			

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

(3) Input Gear Part No. 5-P-1015
(8) Input Gear Part No. 5-P-1175
(9) Input Gear Part No. 5-P-1117
(10) Input Gear Part No. 5-P-1177
(11) Input Gear Part No. 5-P-580
(12) Filler block furnished with P.T.O.

January 2008

CM5052-D
CM5252-A
CM5552-D
CM5852-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

43 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.5600" (14.2240MM)

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear FORWARD of Centerline

43 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.2900" (7.3660MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRBGX-*3 (1) 125 Eng 96 7-A-300(P) 328564X 7170-13X

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442KFBGX-*5 (2)	250	Opp	57		7-A-500		7170-6X	442KFBGX-*3 (2)	250	Opp	57		7-A-300(P)	328564X	7170-5X
442KLBGX-*5 (3)	250	Opp	73		7-A-500		7170-6X	442KLBGX-*3 (3)	250	Opp	73		7-A-300(P)	328564X	7170-5X
442KQBGX-*5 (3)	225	Opp	79		7-A-500		7170-6X	442KQBGX-*3 (3)	225	Opp	79		7-A-300(P)	328564X	7170-5X
442KRBGX-*5 (3)	225	Opp	92		7-A-500		7170-6X	442KRBGX-*3 (3)	225	Opp	92		7-A-300(P)	328564X	7170-5X
442KSBGX-*5 (3)	200	Opp	109		7-A-500		7170-6X	442KSBGX-*3 (3)	200	Opp	109		7-A-300(P)	328564X	7170-5X
442KUBGX-*5 (3)	195	Opp	130		7-A-500		7170-6X	442KUBGX-*3 (3)	195	Opp	130		7-A-300(P)	328564X	7170-5X
442KWBGX-*5 (3)	175	Opp	153		7-A-500		7170-6X	442KWBGX-*3 (3)	175	Opp	153		7-A-300(P)	328564X	7170-5X
442KXBGX-*5 (3)	140	Opp	181		7-A-500		7170-6X	442KXBGX-*3 (3)	140	Opp	181		7-A-300(P)	328564X	7170-5X
660KFBGX-*5 (4)	375	Opp	57		7-A-500		7170-6X	489XFBGX-*3 (2)	250	Opp	57		8-A-375		328170-192X
													8-A-093		
660KQBGX-*5 (5)	375	Opp	79		7-A-500		7170-6X	489XLBGX-*3 (3)	250	Opp	73		8-A-375		328170-192X
													8-A-093		
660KSBGX-*5 (6)	325	Opp	109		7-A-500		7170-6X	489XQBGX-*3 (3)	225	Opp	79		8-A-375		328170-192X
													8-A-093		
								489XRBGX-*3 (3)	225	Opp	92		8-A-375		328170-192X
													8-A-093		
								489XSBGX-*3 (3)	200	Opp	109		8-A-375		328170-192X
													8-A-093		
								489XUBGX-*3 (3)	195	Opp	130		8-A-375		328170-192X
													8-A-093		
								489XWBGX-*3 (3)	175	Opp	153		8-A-375		328170-192X
													8-A-093		
								489XXBGX-*3 (3)	140	Opp	181		8-A-375		328170-192X
													8-A-093		
								680XFBGX-*3 (4)	375	Opp	57		8-A-375		328170-192X
													8-A-093		
								680XQBGX-*3 (5)	375	Opp	79		8-A-375		328170-192X
													8-A-093		
								680XSBGX-*3 (6)	325	Opp	109		8-A-375		328170-192X
													8-A-093		
								880XBBGX-*3 (7)	500	Opp	39		8-A-500		328170-16X
								880XMBGX-*3 (8)	500	Opp	70		8-A-500		328170-16X

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: For P.T.O. speeds on CM5052D transmission, multiply speeds shown by .92.

(1) Gear and Shaft Kit No. KXA-2-P-571
(2) Input Gear Part No. 5-P-1082
(3) Input Gear Part No. 5-P-1015
(4) Input Gear Part No. 5-P-1325
(5) Input Gear Part No. 5-P-1326
(6) Input Gear Part No. 5-P-1327

(7) Input Gear Part No. 5-P-1116
(8) Input Gear Part No. 5-P-1175

January 2008

CM5052-D
CM5252-A
CM5552-D
CM5852-A

LEFT SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

L.H. 6-Bolt Opening Gear FORWARD of Centerline

43 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.5600" (14.2240MM)

TRANSMISSION GEAR DATA:

R.H. 8-Bolt Opening Gear FORWARD of Centerline

43 Teeth - R.H. HELIX

PITCH LINE TO APERTURE FACE:

.2900" (7.3660MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

LEFT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

880XRBGX-*3 (9)	400	Opp	96	8-A-500	328170-16X
880XTBGX-*3 (10)	350	Opp	124	8-A-500	328170-16X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236KDBGX-*5 (3)	250	Opp	59	7-A-500	7170-6X	236KDBGX-*3 (3)	250	Opp	59	7-A-300(P)	328564X	7170-5X
236KKBGX-*5 (3)	250	Opp	76	7-A-500	7170-6X	236KKBGX-*3 (3)	250	Opp	76	7-A-300(P)	328564X	7170-5X
236KQBGX-*5 (3)	250	Opp	103	7-A-500	7170-6X	236KQBGX-*3 (3)	250	Opp	103	7-A-300(P)	328564X	7170-5X
236KUBGX-*5 (3)	225	Opp	118	7-A-500	7170-6X	236KUBGX-*3 (3)	225	Opp	118	7-A-300(P)	328564X	7170-5X

ONE SPEED - FORWARD & REVERSE

340XFBGX-*5 (11)	200	Opp	52	54	7-A-140 (12) 7-A-500(P)	7170-6X	340XFBGX-*5 (11)	200	Opp	52	54	7-A-140 (12) 7-A-300(P)	328564X	7170-5X
352XSBGX-*5 (3)	140	Opp	106	137	7-A-500	7170-6X	352XSBGX-*3 (3)	140	Opp	106	137	7-A-300(P)	328564X	7170-5X
							863XBBGX-*5	500	Opp	39	48	8-A-500		328170-16X

ONE SPEED - DUAL SHAFT

452XSBGX-*3 (3)	140	Opp	106	7-A-500	7170-6X	452XSBGX-*3 (3)	140	Opp	106	7-A-300(P)	328564X	7170-5X
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GEARED ADAPTERS

626KBGX-4HB	7-A-500	7170-6X	628XBGX-3HB	8-A-500 8-A-032	328170-192X
630KBGX-4HB	7-A-500	7170-6X			
645KBGX-4HB	7-A-500	7170-6X			

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: For P.T.O. speeds on CM5052D transmission, multiply speeds shown by .92.

(3) Input Gear Part No. 5-P-1015
(9) Input Gear Part No. 5-P-1117
(10) Input Gear Part No. 5-P-1177
(11) Input Gear Part No. 5-P-580
(12) Filler block furnished with P.T.O.

January 2008

1010-3A	1414-3A	PSO165-12B
1010-5A	1420-3A	PSO85-14-4L
1410-3A	1420-3B	
1412-3A	PSO140-12B	
1414-3A	PSO140-14A	

BOTTOM SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: BOT 8-Bolt Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: .5660" (14.3800MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: .7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine % Hi Rev	Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine % Hi Rev	Filler Block	Adapter Assy.	Stud Kit
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ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	141		328564X	Furnished	100XRAHX-*3 (1)	125	Eng	141	7-A-300		328291-3X
812XKAHX-*3	400	Eng	94	8-A-165		Furnished							

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Opp	63	7-A-032 (2)	328564X	Furnished	221XCAHX-*3	250	Opp	63	7-A-350		328170-35X
221XLAHX-*3	200	Opp	97	7-A-062(P)	310778X	Furnished	221XEAHX-*3	250	Opp	72	7-A-032 (2)		328170-35X
221XPAHX-*3	200	Opp	117	7-A-062(P)	310778X	Furnished	221XLAHX-*3	200	Opp	97	7-A-300		328170-35X
442XAAHX-*3 (3)	250	Opp	55	7-A-062(P)	310778X	Furnished	221XPAHX-*3	200	Opp	117	7-A-300		328170-35X
442XCAHX-*3 (4)	250	Opp	70	7-A-062(P)	310778X	Furnished	442KAAHX-*3 (3)	250	Opp	55	7-A-300		7170-5X
442XFAHX-*3 (5)	250	Opp	87	7-A-062(P)	310778X	Furnished	442KCAHX-*3 (4)	250	Opp	70	7-A-300		7170-5X
442XHAHX-*3 (6)	250	Opp	101	7-A-062(P)	310778X	Furnished	442KFAHX-*3 (5)	250	Opp	87	7-A-300		7170-5X
442XLAHX-*3 (7)	250	Opp	113	7-A-062(P)	310778X	Furnished	442KHAHX-*3 (6)	250	Opp	101	7-A-300		7170-5X
442XQAHX-*3 (7)	225	Opp	121	7-A-062(P)	310778X	Furnished	442KLAHX-*3 (7)	250	Opp	113	7-A-300		7170-5X
442XRAHX-*3 (7)	225	Opp	141	7-A-062(P)	310778X	Furnished	442KQAHX-*3 (7)	225	Opp	121	7-A-300		7170-5X
442XSAHX-*3 (7)	200	Opp	167	7-A-062(P)	310778X	Furnished	442KRAHX-*3 (7)	225	Opp	141	7-A-300		7170-5X
442XUAHX-*3 (7)	195	Opp	199	7-A-062(P)	310778X	Furnished	442KSAHX-*3 (7)	200	Opp	167	7-A-300		7170-5X
442XWAHX-*3 (7)	175	Opp	235	7-A-062(P)	310778X	Furnished	442KUAHX-*3 (7)	195	Opp	199	7-A-300		7170-5X
442XXAHX-*3 (7)	140	Opp	278	7-A-062(P)	310778X	Furnished	442KWAHX-*3 (7)	175	Opp	235	7-A-300		7170-5X
489XAAHX-*3 (3)	250	Opp	55	8-A-062		328170-8X	442KXAHX-*3 (7)	140	Opp	278	7-A-300		7170-5X
				8-A-093									
489XCAHX-*3 (4)	250	Opp	70	8-A-062		328170-8X	660KFAHX-*3 (8)	375	Opp	87	7-A-300		7170-5X
				8-A-093									
489XFAHX-*3 (5)	250	Opp	87	8-A-062		328170-8X	660KQAHX-*3 (9)	375	Opp	121	7-A-300		7170-5X
				8-A-093									
489XHAHX-*3 (6)	250	Opp	101	8-A-062		328170-8X	660KSAHX-*3 (10)	325	Opp	167	7-A-300		7170-5X
				8-A-093									
489XLAHX-*3 (7)	250	Opp	113	8-A-062		328170-8X							
				8-A-093									
489XQAHX-*3 (7)	225	Opp	121	8-A-062		328170-8X							
				8-A-093									
489XRAHX-*3 (7)	225	Opp	141	8-A-062		328170-8X							
				8-A-093									

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CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with transmission in high range - for speeds in low range multiply speeds shown by .77

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565
 (2) Filler block furnished with P.T.O. but not required
 (3) Input Gear Part No. 5-P-1280
 (4) Input Gear Part No. 5-P-1287
 (5) Input Gear Part No. 5-P-1077
 (6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004
 (8) Input Gear Part No. 5-P-1242
 (9) Input Gear Part No. 5-P-1246
 (10) Input Gear Part No. 5-P-1322

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1010-3A	1414-3A	PSO165-12B
1010-5A	1420-3A	PSO85-14-4L
1410-3A	1420-3B	
1412-3A	PSO140-12B	
1414-3A	PSO140-14A	

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

489XSAHX-*3 (7)	200	Opp	167		8-A-062		328170-8X								
					8-A-093										
489XUAHX-*3 (7)	195	Opp	199		8-A-062		328170-8X								
					8-A-093										
489XWAHX-*3 (7)	175	Opp	235		8-A-062		328170-8X								
					8-A-093										
489XXAHX-*3 (7)	140	Opp	278		8-A-062		328170-8X								
					8-A-093										
680XFAHX-*3 (8)	375	Opp	87		8-A-062		328170-8X								
					8-A-093										
680XQAHX-*3 (9)	375	Opp	121		8-A-062		328170-8X								
					8-A-093										
680XSAHX-*3 (10)	325	Opp	167		8-A-062		328170-8X								
					8-A-093										
823XBAHX-*3 (11)	500	Opp	59		8-A-165		328170-14X								
823XJAHX-*3 (12)	500	Opp	90		8-A-165		328170-14X								
823XMAHX-*3 (13)	500	Opp	105		8-A-165		328170-14X								
823XRAHX-*3 (14)	400	Opp	146		8-A-165		328170-14X								
880XBAHX-*3 (15)	500	Opp	59		8-A-165		328170-14X								
880XDAHx-*3 (16)	500	Opp	70		8-A-165		328170-14X								
880XGAHX-*3 (17)	500	Opp	76		8-A-165		328170-14X								
880XJAHX-*3 (18)	500	Opp	90		8-A-165		328170-14X								
880XMAHX-*3 (19)	500	Opp	105		8-A-165		328170-14X								
880XQAHX-*3 (20)	450	Opp	124		8-A-165		328170-14X								
880XRAHX-*3 (21)	400	Opp	146		8-A-165		328170-14X								
880XTAHX-*3 (22)	350	Opp	187		8-A-165		328170-14X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	46		328564X	Furnished	230XAAJX-*3	250	Opp	46		7-A-300	328170-172X
230XBAJX-*3	250	Opp	60		328564X	Furnished	230XBAJX-*3	250	Opp	60		7-A-300	328170-172X
230XDAJX-*3	250	Opp	69		328564X	Furnished	230XDAJX-*3	250	Opp	69		7-A-300	328170-172X
230XKAJX-*3	250	Opp	93		328564X	Furnished	230XKAJX-*3	250	Opp	93		7-A-300	328170-172X
230XQAJX-*3	250	Opp	124		328564X	Furnished	230XQAJX-*3	250	Opp	124		7-A-300	328170-172X
230XUAJX-*3	225	Opp	199		328564X	Furnished	230XUAJX-*3	225	Opp	199		7-A-300	328170-172X

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with transmission in high range - for speeds in low range multiply speeds shown by .77

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
 (8) Input Gear Part No. 5-P-1242
 (9) Input Gear Part No. 5-P-1246
 (10) Input Gear Part No. 5-P-1322
 (11) Input Gear Part No. 5-P-285
 (12) Input Gear Part No. 5-P-325

(13) Input Gear Part No. 5-P-283
 (14) Input Gear Part No. 5-P-721
 (15) Input Gear Part No. 5-P-1100
 (16) Input Gear Part No. 5-P-1101
 (17) Input Gear Part No. 5-P-1135
 (18) Input Gear Part No. 5-P-1102

(19) Input Gear Part No. 5-P-1103
 (20) Input Gear Part No. 5-P-1385
 (21) Input Gear Part No. 5-P-1104
 (22) Input Gear Part No. 5-P-1105

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1010-3A	1414-3A	PSO165-12B
1010-5A	1420-3A	PSO85-14-4L
1410-3A	1420-3B	
1412-3A	PSO140-12B	
1414-3A	PSO140-14A	

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDAHX-*3 (7)	250	Opp	92		7-A-062(P)	310778X	Furnished	236KDAHX-*3 (7)	250	Opp	92		7-A-300		7170-5X
236XKAHX-*3 (7)	250	Opp	117		7-A-062(P)	310778X	Furnished	236KKAHX-*3 (7)	250	Opp	117		7-A-300		7170-5X
236XQAHX-*3 (7)	250	Opp	158		7-A-062(P)	310778X	Furnished	236KQAHX-*3 (7)	250	Opp	158		7-A-300		7170-5X
236XUAHX-*3 (7)	225	Opp	181		7-A-062(P)	310778X	Furnished	236KUAHX-*3 (7)	225	Opp	181		7-A-300		7170-5X
885XBAHX-*3 (15)	500	Opp	59		8-A-165		328170-14X								
885XGAHX-*3 (17)	500	Opp	76		8-A-165		328170-14X								
885XJAHX-*3 (18)	500	Opp	90		8-A-165		328170-14X								
885XMAHX-*3 (19)	500	Opp	105		8-A-165		328170-14X								

ONE SPEED - FORWARD & REVERSE

340XFAHX-*5 (23)	200	Opp	76	80	7-A-140(P)(24)	328564X	Furnished	340XFAHX-*5 (23)	200	Opp	76	80	7-A-140 (24)		7170-5X
352XSAHX-*3 (7)	140	Opp	170	219	7-A-062(P)	310778X	Furnished	352XSAHX-*3 (7)	140	Opp	170	219	7-A-270		7170-5X
863XBAHX-*5	500	Opp	59	73	8-A-165		328170-14X						7-A-300		7170-5X

ONE SPEED - DUAL SHAFT

452XSAHX-*3 (7)	140	Opp	170		7-A-062(P)	310778X	Furnished	452XSAHX-*3 (7)	140	Opp	170		7-A-300		7170-5X
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GEARED ADAPTERS

628XAHX-3AH					8-A-190		328170-8X	626KAHX-4AH					7-A-300		7170-5X
								630KAHX-3AH					7-A-300		7170-5X
								645KAHX-3AH					7-A-300		7170-5X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.**CAUTION:** 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.**NOTE:** Speeds shown are with transmission in high range - for speeds in low range multiply speeds shown by .77**NOTE:** The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.**NOTE:** If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
 (15) Input Gear Part No. 5-P-1100
 (17) Input Gear Part No. 5-P-1135
 (18) Input Gear Part No. 5-P-1102
 (19) Input Gear Part No. 5-P-1103
 (23) Input Gear Part No. 5-P-581

(24) Filler block furnished with P.T.O.

January 2008

1214-3A
1214-5A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	128		328564X	Furnished	100XRAHX-*3 (1)	125	Eng	128			7-A-300		328291-3X
812XKAHX-*3	400	Eng	86		8-A-165	Furnished									

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Opp	57		7-A-032 (2)	328564X	Furnished	221XCAHX-*3	250	Opp	57		7-A-350		328170-35X
													7-A-032 (2)		
221XEAHX-*3	250	Opp	66		7-A-062(P)	310778X	Furnished	221XEAHX-*3	250	Opp	66		7-A-300		328170-35X
221XLAHX-*3	200	Opp	89		7-A-062(P)	310778X	Furnished	221XLAHX-*3	200	Opp	89		7-A-300		328170-35X
221XPAHX-*3	200	Opp	107		7-A-062(P)	310778X	Furnished	221XPAHX-*3	200	Opp	107		7-A-300		328170-35X
442XAAHX-*3 (3)	250	Opp	50		7-A-062(P)	310778X	Furnished	442KAAHX-*3 (3)	250	Opp	50		7-A-300		7170-5X
442XCAHX-*3 (4)	250	Opp	64		7-A-062(P)	310778X	Furnished	442KCAHX-*3 (4)	250	Opp	64		7-A-300		7170-5X
442XFAHX-*3 (5)	250	Opp	80		7-A-062(P)	310778X	Furnished	442KFAHX-*3 (5)	250	Opp	80		7-A-300		7170-5X
442XHAHX-*3 (6)	250	Opp	93		7-A-062(P)	310778X	Furnished	442KHAHX-*3 (6)	250	Opp	93		7-A-300		7170-5X
442XLAHX-*3 (7)	250	Opp	103		7-A-062(P)	310778X	Furnished	442KLAHX-*3 (7)	250	Opp	103		7-A-300		7170-5X
442XQAHX-*3 (7)	225	Opp	111		7-A-062(P)	310778X	Furnished	442KQAHX-*3 (7)	225	Opp	111		7-A-300		7170-5X
442XRAHX-*3 (7)	225	Opp	128		7-A-062(P)	310778X	Furnished	442KRAHX-*3 (7)	225	Opp	128		7-A-300		7170-5X
442XSAHX-*3 (7)	200	Opp	153		7-A-062(P)	310778X	Furnished	442KSAHX-*3 (7)	200	Opp	153		7-A-300		7170-5X
442XUAHX-*3 (7)	195	Opp	182		7-A-062(P)	310778X	Furnished	442KWAHX-*3 (7)	175	Opp	214		7-A-300		7170-5X
442XWAHX-*3 (7)	175	Opp	214		7-A-062(P)	310778X	Furnished	442KXAHX-*3 (7)	140	Opp	254		7-A-300		7170-5X
442XXAHX-*3 (7)	140	Opp	254		7-A-062(P)	310778X	Furnished	660KFAHX-*3 (8)	375	Opp	80		7-A-300		7170-5X
489XAAHX-*3 (3)	250	Opp	50		8-A-062		328170-8X	660KQAHX-*3 (9)	375	Opp	111		7-A-300		7170-5X
					8-A-093										
489XCAHX-*3 (4)	250	Opp	64		8-A-062		328170-8X	660KSAHX-*3 (10)	325	Opp	153		7-A-300		7170-5X
					8-A-093										
489XFAHX-*3 (5)	250	Opp	80		8-A-062		328170-8X								
					8-A-093										
489XHAHX-*3 (6)	250	Opp	93		8-A-062		328170-8X								
					8-A-093										
489XLAHX-*3 (7)	250	Opp	103		8-A-062		328170-8X								
					8-A-093										
489XQAHX-*3 (7)	225	Opp	111		8-A-062		328170-8X								
					8-A-093										
489XRAHX-*3 (7)	225	Opp	128		8-A-062		328170-8X								
					8-A-093										

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with transmission in high range. For speeds in low range, multiply speed shown by .84.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

- (1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O. but not required
(3) Input Gear Part No. 5-P-1280
(4) Input Gear Part No. 5-P-1287
(5) Input Gear Part No. 5-P-1077
(6) Input Gear Part No. 5-P-1364

- (7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322

January 2008

1214-3A
1214-5A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

489XSAHX-*3 (7)	200	Opp	153		8-A-062		328170-8X								
					8-A-093										
489XUAHX-*3 (7)	195	Opp	182		8-A-062		328170-8X								
					8-A-093										
489XWAHX-*3 (7)	175	Opp	214		8-A-062		328170-8X								
					8-A-093										
489XXAHX-*3 (7)	140	Opp	254		8-A-062		328170-8X								
					8-A-093										
680XFAHX-*3 (8)	375	Opp	80		8-A-062		328170-8X								
					8-A-093										
680XQAHX-*3 (9)	375	Opp	111		8-A-062		328170-8X								
					8-A-093										
680XSAHX-*3 (10)	325	Opp	153		8-A-062		328170-8X								
					8-A-093										
823XBAHX-*3 (11)	500	Opp	54		8-A-165		328170-14X								
823XJAHX-*3 (12)	500	Opp	82		8-A-165		328170-14X								
823XMAHX-*3 (13)	500	Opp	96		8-A-165		328170-14X								
823XRAHX-*3 (14)	400	Opp	133		8-A-165		328170-14X								
880XBAHX-*3 (15)	500	Opp	54		8-A-165		328170-14X								
880XDAHX-*3 (16)	500	Opp	64		8-A-165		328170-14X								
880XGAHX-*3 (17)	500	Opp	70		8-A-165		328170-14X								
880XJAHX-*3 (18)	500	Opp	82		8-A-165		328170-14X								
880XMAHX-*3 (19)	500	Opp	96		8-A-165		328170-14X								
880XQAHX-*3 (20)	450	Opp	113		8-A-165		328170-14X								
880XRAHX-*3 (21)	400	Opp	133		8-A-165		328170-14X								
880XTAHX-*3 (22)	350	Opp	171		8-A-165		328170-14X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	42		328564X	Furnished	230XAAJX-*3	250	Opp	42		7-A-300	328170-172X
230XBAJX-*3	250	Opp	54		328564X	Furnished	230XBAJX-*3	250	Opp	54		7-A-300	328170-172X
230XDAJX-*3	250	Opp	63		328564X	Furnished	230XDAJX-*3	250	Opp	63		7-A-300	328170-172X
230XKAJX-*3	250	Opp	85		328564X	Furnished	230XKAJX-*3	250	Opp	85		7-A-300	328170-172X
230XQAJX-*3	250	Opp	113		328564X	Furnished	230XQAJX-*3	250	Opp	113		7-A-300	328170-172X
230XUAJX-*3	225	Opp	181		328564X	Furnished	230XUAJX-*3	225	Opp	181		7-A-300	328170-172X

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with transmission in high range. For speeds in low range, multiply speed shown by .84.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322
(11) Input Gear Part No. 5-P-285
(12) Input Gear Part No. 5-P-325

(13) Input Gear Part No. 5-P-283
(14) Input Gear Part No. 5-P-721
(15) Input Gear Part No. 5-P-1100
(16) Input Gear Part No. 5-P-1101
(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102

(19) Input Gear Part No. 5-P-1103
(20) Input Gear Part No. 5-P-1385
(21) Input Gear Part No. 5-P-1104
(22) Input Gear Part No. 5-P-1105

January 2008

1214-3A
1214-5A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDAH-X*3 (7)	250	Opp	83		7-A-062(P)	310778X	Furnished	236KDAH-X*3 (7)	250	Opp	83		7-A-300		7170-5X
236XKAHX*3 (7)	250	Opp	106		7-A-062(P)	310778X	Furnished	236KKAHX*3 (7)	250	Opp	106		7-A-300		7170-5X
236XQAHX*3 (7)	250	Opp	144		7-A-062(P)	310778X	Furnished	236KQAHX*3 (7)	250	Opp	144		7-A-300		7170-5X
236XUAHX*3 (7)	225	Opp	165		7-A-062(P)	310778X	Furnished	236KUAHX*3 (7)	225	Opp	165		7-A-300		7170-5X
885XBAHX*3 (15)	500	Opp	54		8-A-165		328170-14X								
885XGAHX*3 (17)	500	Opp	70		8-A-165		328170-14X								
885XJAHX*3 (18)	500	Opp	82		8-A-165		328170-14X								
885XMAHX*3 (19)	500	Opp	96		8-A-165		328170-14X								

ONE SPEED - FORWARD & REVERSE

340XFAHX*5 (23)	200	Opp	70	73	7-A-140 (24)	328564X	Furnished	340XFAHX*5 (23)	200	Opp	70	73	7-A-140 (24)		7170-5X
													7-A-270		
352XSAHX*3 (7)	140	Opp	155	200	7-A-062(P)	310778X	Furnished	352XSAHX*3 (7)	140	Opp	155	200	7-A-300		7170-5X
863XBAHX*5	500	Opp	54	67	8-A-165		328170-14X								

ONE SPEED - DUAL SHAFT

452XSAHX*3 (7)	140	Opp	155		7-A-062(P)	310778X	Furnished	452XSAHX*3 (7)	140	Opp	155		7-A-300		7170-5X
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GEARED ADAPTERS

628XAHX-3AH					8-A-190		328170-8X	626KAHX-4AH					7-A-300		7170-5X
								630KAHX-3AH					7-A-300		7170-5X
								645KAHX-3AH					7-A-300		7170-5X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with transmission in high range. For speeds in low range, multiply speed shown by .84.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(15) Input Gear Part No. 5-P-1100
(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102
(19) Input Gear Part No. 5-P-1103
(23) Input Gear Part No. 5-P-581

(24) Filler block furnished with P.T.O.

January 2008

1010-3B
1020-3A
1020-5A
1410-3B

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0660" (27.0800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.2210" (31.0100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

812ZKAHX-*3	400	Eng	83		8-A-165		328170-115X								
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221ZCAHX-*3	250	Opp	56		7-A-062(P) 7-A-032 (1)	328481X	Furnished	221ZCAHX-*3	250	Opp	56		7-A-165 7-A-032 (1)		328170-1X
221ZEAHX-*3	250	Opp	64		7-A-032(P)	328481X	Furnished	221ZEAHX-*3	250	Opp	64		7-A-140		328170-1X
221ZLAHX-*3	200	Opp	86		7-A-032(P)	328481X	Furnished	221ZLAHX-*3	200	Opp	86		7-A-140		328170-1X
221ZPAHX-*3	200	Opp	104		7-A-032(P)	328481X	Furnished	221ZPAHX-*3	200	Opp	104		7-A-140		328170-1X
442ZAAHX-*3 (2)	250	Opp	49		7-A-032(P)	328481X	Furnished	442ZAAHX-*3 (2)	250	Opp	49		7-A-140		7170-2X
442ZCAHX-*3 (3)	250	Opp	63		7-A-032(P)	328481X	Furnished	442ZCAHX-*3 (3)	250	Opp	63		7-A-140		7170-2X
442ZFAHX-*3 (4)	250	Opp	77		7-A-032(P)	328481X	Furnished	442ZFAHX-*3 (4)	250	Opp	77		7-A-140		7170-2X
442ZHAHX-*3 (5)	250	Opp	89		7-A-032(P)	328481X	Furnished	442ZHAHX-*3 (5)	250	Opp	89		7-A-140		7170-2X
442ZLAHX-*3 (6)	250	Opp	100		7-A-032(P)	328481X	Furnished	442ZLAHX-*3 (6)	250	Opp	100		7-A-140		7170-2X
442ZQAHX-*3 (6)	225	Opp	108		7-A-032(P)	328481X	Furnished	442ZQAHX-*3 (6)	225	Opp	108		7-A-140		7170-2X
442ZRAHX-*3 (6)	225	Opp	125		7-A-032(P)	328481X	Furnished	442ZRAHX-*3 (6)	225	Opp	125		7-A-140		7170-2X
442ZSAHX-*3 (6)	200	Opp	149		7-A-032(P)	328481X	Furnished	442ZSAHX-*3 (6)	200	Opp	149		7-A-140		7170-2X
442ZUAHX-*3 (6)	195	Opp	177		7-A-032(P)	328481X	Furnished	442ZUAHX-*3 (6)	195	Opp	177		7-A-140		7170-2X
442ZWAHX-*3 (6)	175	Opp	209		7-A-032(P)	328481X	Furnished	442ZWAHX-*3 (6)	175	Opp	209		7-A-140		7170-2X
442ZXAHX-*3 (6)	140	Opp	247		7-A-032(P)	328481X	Furnished	442ZXAHX-*3 (6)	140	Opp	247		7-A-140		7170-2X
823ZBAHX-*3 (10)	500	Opp	53		8-A-700		328170-133X	660LFAHX-*3 (7)	375	Opp	77		7-A-140		7170-2X
823ZJAHX-*3 (11)	500	Opp	80		8-A-700		328170-133X	660LQAHX-*3 (8)	375	Opp	108		7-A-140		7170-2X
823ZMAHX-*3 (12)	500	Opp	94		8-A-700		328170-133X	660LSAHX-*3 (9)	325	Opp	149		7-A-140		7170-2X
880ZBAHX-*3 (13)	500	Opp	53		8-A-700		328170-133X								
880ZDAHX-*3 (14)	500	Opp	62		8-A-700		328170-133X								
880ZGAHX-*3 (15)	500	Opp	68		8-A-700		328170-133X								
880ZJAHX-*3 (16)	500	Opp	80		8-A-700		328170-133X								
880ZMAHX-*3 (17)	500	Opp	94		8-A-700		328170-133X								
880ZQAHX-*3 (18)	450	Opp	109		8-A-700		328170-133X								
880ZRAHX-*3 (19)	400	Opp	129		8-A-700		328170-133X								
880ZTAHX-*3 (20)	350	Opp	167		8-A-700		328170-133X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236ZDAHX-*3 (6)	250	Opp	81		7-A-032(P)	328481X	Furnished	236LDAHX-*3 (6)	250	Opp	81		7-A-140		7170-2X
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Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: P.T.O. speeds shown are with transmission in low range - for speeds in high range multiply speeds shown by 1.28.

(1) Filler block furnished with P.T.O. but not required
(2) Input Gear Part No. 5-P-1280
(3) Input Gear Part No. 5-P-1287
(4) Input Gear Part No. 5-P-1077
(5) Input Gear Part No. 5-P-1364
(6) Input Gear Part No. 5-P-1004

(7) Input Gear Part No. 5-P-1242
(8) Input Gear Part No. 5-P-1246
(9) Input Gear Part No. 5-P-1322
(10) Input Gear Part No. 5-P-285
(11) Input Gear Part No. 5-P-325
(12) Input Gear Part No. 5-P-283

(13) Input Gear Part No. 5-P-1100
(14) Input Gear Part No. 5-P-1101
(15) Input Gear Part No. 5-P-1135
(16) Input Gear Part No. 5-P-1102
(17) Input Gear Part No. 5-P-1103
(18) Input Gear Part No. 5-P-1385

(19) Input Gear Part No. 5-P-1104
(20) Input Gear Part No. 5-P-1105

January 2008

1010-3B
1020-3A
1020-5A
1410-3B

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0660" (27.0800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.2210" (31.0100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			
ONE SPEED - TWO GEAR - POWERSHIFT (AIR)															
236ZKAHX-*3 (6)	250	Opp	104		7-A-032(P)	328481X	Furnished	236LKAHX-*3 (6)	250	Opp	104		7-A-140		7170-2X
236ZQAHX-*3 (6)	250	Opp	140		7-A-032(P)	328481X	Furnished	236LQAHX-*3 (6)	250	Opp	140		7-A-140		7170-2X
236ZUAHX-*3 (6)	225	Opp	161		7-A-032(P)	328481X	Furnished	236LUAHX-*3 (6)	225	Opp	161		7-A-140		7170-2X
885ZBAHX-*3 (13)	500	Opp	53		8-A-700		328170-133X								
885ZGAHX-*3 (15)	500	Opp	68		8-A-700		328170-133X								
885ZJAHX-*3 (16)	500	Opp	80		8-A-700		328170-133X								
885ZMAHX-*3 (17)	500	Opp	94		8-A-700		328170-133X								
ONE SPEED - FORWARD & REVERSE															
352ZSAHX-*3 (6)	140	Opp	151	195	7-A-032(P)	328481X	Furnished	340SFAHX-*5 (21)	200	Opp	68	71	7-A-062		7170-1X
													7-A-140 (1)		
								352ZSAHX-*3 (6)	140	Opp	151	195	7-A-140		7170-2X
ONE SPEED - DUAL SHAFT															
452ZSAHX-*3 (6)	140	Opp	151		7-A-032(P)	328481X	Furnished	452ZSAHX-*3 (6)	140	Opp	151		7-A-140		7170-2X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: P.T.O. speeds shown are with transmission in low range - for speeds in high range multiply speeds shown by 1.28.

(1) Filler block furnished with P.T.O. but not required (21) Input Gear Part No. 5-P-581
(6) Input Gear Part No. 5-P-1004
(13) Input Gear Part No. 5-P-1100
(15) Input Gear Part No. 5-P-1135
(16) Input Gear Part No. 5-P-1102
(17) Input Gear Part No. 5-P-1103

1007-2B	1064-B	1272-A	1362-C
1007-2B	1064-C	1272-B	1362-D
1062-B	1064-D	1274-A	1364-C
1062-C	1207-2B	1274-B	PS130-6B
1062-D	1272-A	1362-B	PS130-6C

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.0650" (27.0500MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

48 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.2210" (31.0100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

812ZKAHX-*5	400	Eng	64		8-A-165		328170-115X								
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

442ZFAHX-*5 (4)	250	Opp	59		7-A-032(P)(1)	328481X	Furnished	221ZCAHX-*3	250	Opp	43		7-A-165 7-A-032 (1)		328170-1X
442ZLAHX-*5 (6)	250	Opp	77		7-A-032(P)(1)	328481X	Furnished	221ZEAHX-*3	250	Opp	49		7-A-140		328170-1X
442ZQAHX-*5 (6)	225	Opp	83		7-A-032(P)(1)	328481X	Furnished	221ZLAHX-*3	200	Opp	66		7-A-140		328170-1X
442ZSAHX-*5 (6)	200	Opp	115		7-A-032(P)(1)	328481X	Furnished	221ZPAHX-*3	200	Opp	80		7-A-140		328170-1X
442ZUAHX-*5 (6)	195	Opp	136		7-A-032(P)(1)	328481X	Furnished	442ZAAHX-*3 (2)	250	Opp	38		7-A-140		7170-2X
442ZWAHX-*5 (6)	175	Opp	161		7-A-032(P)(1)	328481X	Furnished	442ZCAHX-*3 (3)	250	Opp	48		7-A-140		7170-2X
442ZXAHX-*5 (6)	140	Opp	190		7-A-032(P)(1)	328481X	Furnished	442ZFAHX-*3 (4)	250	Opp	60		7-A-140		7170-2X
823ZBAHX-*3 (10)	500	Opp	41		8-A-700		328170-133X	442ZHAHX-*3 (5)	250	Opp	70		7-A-140		7170-2X
823ZJAHX-*3 (11)	500	Opp	61		8-A-700		328170-133X	442ZLAHX-*3 (6)	250	Opp	77		7-A-140		7170-2X
823ZMAHX-*3 (12)	500	Opp	72		8-A-700		328170-133X	442ZQAHX-*3 (6)	225	Opp	83		7-A-140		7170-2X
880ZBAHX-*3 (13)	500	Opp	41		8-A-700		328170-133X	442ZRAHX-*3 (6)	225	Opp	96		7-A-140		7170-2X
880ZDAHX-*3 (14)	500	Opp	48		8-A-700		328170-133X	442ZSAHX-*3 (6)	200	Opp	114		7-A-140		7170-2X
880ZGAHX-*3 (15)	500	Opp	52		8-A-700		328170-133X	442ZUAHX-*3 (6)	195	Opp	136		7-A-140		7170-2X
880ZJAHX-*3 (16)	500	Opp	61		8-A-700		328170-133X	442ZWAHX-*3 (6)	175	Opp	161		7-A-140		7170-2X
880ZMAHX-*3 (17)	500	Opp	72		8-A-700		328170-133X	442ZXAHX-*3 (6)	140	Opp	190		7-A-140		7170-2X
880ZQAHX-*3 (18)	450	Opp	85		8-A-700		328170-133X	660ZFAHX-*3 (7)	375	Opp	60		7-A-140		7170-2X
880ZRAHX-*3 (19)	400	Opp	100		8-A-700		328170-133X	660ZQAHX-*3 (8)	375	Opp	83		7-A-140		7170-2X
880ZTAHX-*3 (20)	350	Opp	128		8-A-700		328170-133X	660ZSAHX-*3 (9)	325	Opp	114		7-A-140		7170-2X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885ZBAHX-*3 (13)	500	Opp	41		8-A-700		328170-133X	236ZDAHX-*3 (6)	250	Opp	62		7-A-140		7170-2X
885ZGAHX-*3 (15)	500	Opp	52		8-A-700		328170-133X	236ZKAHX-*3 (6)	250	Opp	80		7-A-140		7170-2X
885ZJAHX-*3 (16)	500	Opp	61		8-A-700		328170-133X	236ZQAHX-*3 (6)	250	Opp	108		7-A-140		7170-2X
885ZMAHX-*3 (17)	500	Opp	72		8-A-700		328170-133X	236ZUAHX-*3 (6)	225	Opp	124		7-A-140		7170-2X

ONE SPEED - FORWARD & REVERSE

340SFAHX-*5 (21)	200	Opp	52	55	7-A-062		7170-1X
352ZSAHX-*3 (6)	140	Opp	116	150	7-A-140 (22)		7170-2X

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: For transmission models 1007-2B, 1062B, 1064B, and 1064D, multiply speeds shown by 1.04.

(1) Filler block furnished with P.T.O. but not required
 (2) Input Gear Part No. 5-P-1280
 (3) Input Gear Part No. 5-P-1287
 (4) Input Gear Part No. 5-P-1077
 (5) Input Gear Part No. 5-P-1364
 (6) Input Gear Part No. 5-P-1004

(7) Input Gear Part No. 5-P-1242
 (8) Input Gear Part No. 5-P-1246
 (9) Input Gear Part No. 5-P-1322
 (10) Input Gear Part No. 5-P-285
 (11) Input Gear Part No. 5-P-325
 (12) Input Gear Part No. 5-P-283

(13) Input Gear Part No. 5-P-1100
 (14) Input Gear Part No. 5-P-1101
 (15) Input Gear Part No. 5-P-1135
 (16) Input Gear Part No. 5-P-1102
 (17) Input Gear Part No. 5-P-1103
 (18) Input Gear Part No. 5-P-1385

(19) Input Gear Part No. 5-P-1104
 (20) Input Gear Part No. 5-P-1105
 (21) Input Gear Part No. 5-P-581
 (22) Filler block furnished with P.T.O.

January 2008

1007-2B	1064-B	1272-A	1362-C
1007-2B	1064-C	1272-B	1362-D
1062-B	1064-D	1274-A	1364-C
1062-C	1207-2B	1274-B	PS130-6B
1062-D	1272-A	1362-B	PS130-6C

	RIGHT SIDE ONLY
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	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 51 Teeth - SPUR PITCH LINE TO APERTURE FACE: .9710" (24.6600MM)
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Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - DUAL SHAFT

452ZSAHX-*3 (6) 140 Opp 116 7-A-140 7170-2X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: For transmission models 1007-2B, 1062B, 1064B, and 1064D, multiply speeds shown by 1.04.

(6) Input Gear Part No. 5-P-1004

January 2008

1253-A
1255-A
1453-A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8160" (20.7300MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9710" (24.6600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	144		328481X	Furnished	100XRAHX-*3 (1)	125	Eng	144			7-A-093		Furnished
812XKAHX-*3	400	Eng	96			Furnished									

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221ZCAHX-*3	250	Opp	64		7-A-032 (2)	328564X	Furnished	221XCAHX-*3	250	Opp	64		7-A-125		328170-102X
													7-A-032 (2)		
221ZEAHX-*3	250	Opp	74			328564X	Furnished	221XEAHX-*3	250	Opp	74		7-A-093		Furnished
221ZLAHX-*3	200	Opp	100			328564X	Furnished	221XLAHX-*3	200	Opp	100		7-A-093		328170-102X
221ZPAHX-*3	200	Opp	121			328564X	Furnished	221XPAHX-*3	200	Opp	121		7-A-093		328170-102X
442ZAAHX-*3 (3)	250	Opp	57			328564X	Furnished	442KAAHX-*3 (3)	250	Opp	57		7-A-093		7170-3X
442ZCAHX-*3 (4)	250	Opp	72			328564X	Furnished	442KCAHX-*3 (4)	250	Opp	72		7-A-093		7170-3X
442ZFAHX-*3 (5)	250	Opp	89			328564X	Furnished	442KFAHX-*3 (5)	250	Opp	89		7-A-093		7170-3X
442ZHAHX-*3 (6)	250	Opp	103			328564X	Furnished	442KHAHX-*3 (6)	250	Opp	103		7-A-093		7170-3X
442ZLAHX-*3 (7)	250	Opp	116			328564X	Furnished	442KLAHX-*3 (7)	250	Opp	116		7-A-093		7170-3X
442ZQAHX-*3 (7)	225	Opp	125			328564X	Furnished	442KQAHX-*3 (7)	225	Opp	125		7-A-093		7170-3X
442ZRAHX-*3 (7)	225	Opp	144			328564X	Furnished	442KRAHX-*3 (7)	225	Opp	144		7-A-093		7170-3X
442ZSAHX-*3 (7)	200	Opp	172			328564X	Furnished	442KSAHX-*3 (7)	200	Opp	172		7-A-093		7170-3X
442ZUAHX-*3 (7)	195	Opp	205			328564X	Furnished	442KUAHX-*3 (7)	195	Opp	205		7-A-093		7170-3X
442ZWAHX-*3 (7)	175	Opp	241			328564X	Furnished	442KWAHX-*3 (7)	175	Opp	241		7-A-093		7170-3X
442ZCAHX-*3 (7)	140	Opp	285			328564X	Furnished	442KCAHX-*3 (7)	140	Opp	285		7-A-093		7170-3X
489XAAHX-*3 (3)	250	Opp	57				Furnished	660KFAHX-*3 (8)	375	Opp	89		7-A-093		7170-3X
489XCAHX-*3 (4)	250	Opp	72				Furnished	660KQAHX-*3 (9)	375	Opp	125		7-A-093		7170-3X
489XFAHX-*3 (5)	250	Opp	89				Furnished	660KSAHX-*3 (10)	325	Opp	172		7-A-093		7170-3X
489XHAHX-*3 (6)	250	Opp	103				Furnished								
489XLAHX-*3 (7)	250	Opp	116				Furnished								
489XQAHX-*3 (7)	225	Opp	125				Furnished								
489XRAHX-*3 (7)	225	Opp	144				Furnished								
489XSAHX-*3 (7)	200	Opp	172				Furnished								
489XUAHX-*3 (7)	195	Opp	205				Furnished								
489XVAHX-*3 (7)	175	Opp	241				Furnished								
489XXAHX-*3 (7)	140	Opp	285				Furnished								
680XFAHX-*3 (8)	375	Opp	89				Furnished								
680XQAHX-*3 (9)	375	Opp	125				Furnished								

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O. but not required
(3) Input Gear Part No. 5-P-1280
(4) Input Gear Part No. 5-P-1287
(5) Input Gear Part No. 5-P-1077
(6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322

January 2008

1253-A
1255-A
1453-A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8160" (20.7300MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9710" (24.6600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

680XSAHX-*3 (10)	325	Opp	172				Furnished
823XBAHX-*3 (11)	500	Opp	61				Furnished
823XJAHX-*3 (12)	500	Opp	92				Furnished
823XMAHX-*3 (13)	500	Opp	108				Furnished
823XRAHX-*3 (14)	400	Opp	150				Furnished
823XTKTX-*3 (15)	350	Opp	182		8-A-165 (16)		Furnished
880XBAHX-*3 (17)	500	Opp	61				Furnished
880XDAHX-*3 (18)	500	Opp	72				Furnished
880XGAHX-*3 (19)	500	Opp	78				Furnished
880XJAHX-*3 (20)	500	Opp	92				Furnished
880XMAHX-*3 (21)	500	Opp	108				Furnished
880XQAHX-*3 (22)	450	Opp	127				Furnished
880XRAHX-*3 (23)	400	Opp	150				Furnished
880XTAHX-*3 (24)	350	Opp	193				Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	47		328481X	Furnished	230XAAJX-*3	250	Opp	47		7-A-125	328170-173X
230XBAJX-*3	250	Opp	61		328481X	Furnished	230XBAJX-*3	250	Opp	61		7-A-125	328170-173X
230XDAJX-*3	250	Opp	71		328481X	Furnished	230XDAJX-*3	250	Opp	71		7-A-125	328170-173X
230XKAJX-*3	250	Opp	96		328481X	Furnished	230XKAJX-*3	250	Opp	96		7-A-125	328170-173X
230XQAJX-*3	250	Opp	127		328481X	Furnished	230XQAJX-*3	250	Opp	127		7-A-125	328170-173X
230XUAJX-*3	225	Opp	204		328481X	Furnished	230XUAJX-*3	225	Opp	204		7-A-125	328170-173X
236ZDAHX-*3 (7)	250	Opp	94		328564X	Furnished	236ZDAHX-*3 (7)	250	Opp	94		7-A-093	7170-3X
236ZKAHX-*3 (7)	250	Opp	120		328564X	Furnished	236ZKAHX-*3 (7)	250	Opp	120		7-A-093	7170-3X
236ZQAHX-*3 (7)	250	Opp	162		328564X	Furnished	236ZQAHX-*3 (7)	250	Opp	162		7-A-093	7170-3X
236ZUAHX-*3 (7)	225	Opp	185		328564X	Furnished	236ZUAHX-*3 (7)	225	Opp	185		7-A-093	7170-3X
885XBAHX-*3 (17)	500	Opp	61			Furnished							
885XGAHX-*3 (19)	500	Opp	78			Furnished							
885XJAHX-*3 (20)	500	Opp	92			Furnished							
885XMAHX-*3 (21)	500	Opp	108			Furnished							

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(10) Input Gear Part No. 5-P-1322
(11) Input Gear Part No. 5-P-285
(12) Input Gear Part No. 5-P-325
(13) Input Gear Part No. 5-P-283
(14) Input Gear Part No. 5-P-721

(15) Input Gear Part No. 5-P-1395
(16) Filler block furnished with P.T.O.
(17) Input Gear Part No. 5-P-1100
(18) Input Gear Part No. 5-P-1101
(19) Input Gear Part No. 5-P-1135
(20) Input Gear Part No. 5-P-1102

(21) Input Gear Part No. 5-P-1103
(22) Input Gear Part No. 5-P-1385
(23) Input Gear Part No. 5-P-1104
(24) Input Gear Part No. 5-P-1105

January 2008

1253-A
1255-A
1453-A

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8160" (20.7300MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9710" (24.6600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - FORWARD & REVERSE

340SFAHX-*5 (25)	200	Opp	78	82	7-A-140 (16)	310778X	Furnished	340XFAHX-*5 (25)	200	Opp	78	82	7-A-140 (16)		Furnished
352ZSAHX-*3 (7)	140	Opp	174	225		328564X	Furnished	352XSAHX-*3 (7)	140	Opp	174	225	7-A-093		7170-3X
863XBAHX-*5	500	Opp	61	75			Furnished						7-A-093		

ONE SPEED - DUAL SHAFT

452ZSAHX-*3 (7)	140	Opp	174			328564X	Furnished	452XSAHX-*3 (7)	140	Opp	174		7-A-093		7170-3X
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GEARED ADAPTERS

628XAHX-3AH					8-A-032		Furnished	626KAHX-3AH					7-A-093		7170-3X
								630KAHX-3AH					7-A-093		7170-3X
								645KAHX-3AH					7-A-093		7170-3X

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.**NOTE:** The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.**NOTE:** If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(16) Filler block furnished with P.T.O.
(25) Input Gear Part No. 5-P-581

January 2008

1010-2A
1010-4A
1020-2A
1020-4A
1410-2A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9830" (24.9700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.1380" (29.9100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

812ZKAHX-*5 400 Eng 65 8-A-165 328170-115X

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221ZCAHX-*3	250	Opp	44	7-A-062(P) 7-A-032 (1)	328481X	Furnished	221ZCAHX-*3	250	Opp	44	7-A-165 7-A-032 (1)	328170-1X
221ZEAHX-*3	250	Opp	51	7-A-032(P)	328481X	Furnished	221ZEAHX-*3	250	Opp	51	7-A-140	328170-1X
221ZLAHX-*3	200	Opp	68	7-A-032(P)	328481X	Furnished	221ZLAHX-*3	200	Opp	68	7-A-140	328170-1X
221ZPAHX-*3	200	Opp	82	7-A-032(P)	328481X	Furnished	221ZPAHX-*3	200	Opp	82	7-A-140	328170-1X
442ZAAHX-*3 (2)	250	Opp	38	7-A-032(P)	328481X	Furnished	442ZAAHX-*3 (2)	250	Opp	38	7-A-140	7170-2X
442ZCAHX-*3 (3)	250	Opp	49	7-A-032(P)	328481X	Furnished	442ZCAHX-*3 (3)	250	Opp	49	7-A-140	7170-2X
442ZFAHX-*3 (4)	250	Opp	61	7-A-032(P)	328481X	Furnished	442ZFAHX-*3 (4)	250	Opp	61	7-A-140	7170-2X
442ZHAHX-*3 (5)	250	Opp	71	7-A-032(P)	328481X	Furnished	442ZHAHX-*3 (5)	250	Opp	71	7-A-140	7170-2X
442ZLAHX-*3 (6)	250	Opp	79	7-A-032(P)	328481X	Furnished	442ZLAHX-*3 (6)	250	Opp	79	7-A-140	7170-2X
442ZQAHX-*3 (6)	225	Opp	85	7-A-032(P)	328481X	Furnished	442ZQAHX-*3 (6)	225	Opp	85	7-A-140	7170-2X
442ZRAHX-*3 (6)	225	Opp	98	7-A-032(P)	328481X	Furnished	442ZRAHX-*3 (6)	225	Opp	98	7-A-140	7170-2X
442ZSAHX-*3 (6)	200	Opp	117	7-A-032(P)	328481X	Furnished	442ZSAHX-*3 (6)	200	Opp	117	7-A-140	7170-2X
442ZUAHX-*3 (6)	195	Opp	139	7-A-032(P)	328481X	Furnished	442ZUAHX-*3 (6)	195	Opp	139	7-A-140	7170-2X
442ZWAHX-*3 (6)	175	Opp	164	7-A-032(P)	328481X	Furnished	442ZWAHX-*3 (6)	175	Opp	164	7-A-140	7170-2X
442ZXAHX-*3 (6)	140	Opp	194	7-A-032(P)	328481X	Furnished	442ZXAHX-*3 (6)	140	Opp	194	7-A-140	7170-2X
823ZBAHX-*3 (10)	500	Opp	41	8-A-700	328170-133X	660LFAHX-*3 (7)	375	Opp	61	7-A-140	7170-2X	
823ZJAHX-*3 (11)	500	Opp	63	8-A-700	328170-133X	660LQAHX-*3 (8)	375	Opp	85	7-A-140	7170-2X	
823ZMAHX-*3 (12)	500	Opp	74	8-A-700	328170-133X	660LSAHX-*3 (9)	325	Opp	117	7-A-140	7170-2X	
880ZBAHX-*3 (13)	500	Opp	41	8-A-700	328170-133X							
880ZDAHX-*3 (14)	500	Opp	49	8-A-700	328170-133X							
880ZGAHX-*3 (15)	500	Opp	53	8-A-700	328170-133X							
880ZJAHX-*3 (16)	500	Opp	63	8-A-700	328170-133X							
880ZMAHX-*3 (17)	500	Opp	74	8-A-700	328170-133X							
880ZQAHX-*3 (18)	450	Opp	87	8-A-700	328170-133X							
880ZRAHX-*3 (19)	400	Opp	102	8-A-700	328170-133X							
880ZTAHX-*3 (20)	350	Opp	131	8-A-700	328170-133X							

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236ZDAHX-*3 (6) 250 Opp 64 7-A-032(P) 328481X Furnished 236LDAHX-*3 (6) 250 Opp 64 7-A-140 7170-2X

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with Transmission in Low Range - For High Range multiply speed shown by 1.27.

- (1) Filler block furnished with P.T.O. but not required
(2) Input Gear Part No. 5-P-1280
(3) Input Gear Part No. 5-P-1287
(4) Input Gear Part No. 5-P-1077
(5) Input Gear Part No. 5-P-1364
(6) Input Gear Part No. 5-P-1004

- (7) Input Gear Part No. 5-P-1242
(8) Input Gear Part No. 5-P-1246
(9) Input Gear Part No. 5-P-1322
(10) Input Gear Part No. 5-P-285
(11) Input Gear Part No. 5-P-325
(12) Input Gear Part No. 5-P-283

- (13) Input Gear Part No. 5-P-1100
(14) Input Gear Part No. 5-P-1101
(15) Input Gear Part No. 5-P-1135
(16) Input Gear Part No. 5-P-1102
(17) Input Gear Part No. 5-P-1103
(18) Input Gear Part No. 5-P-1385

- (19) Input Gear Part No. 5-P-1104
(20) Input Gear Part No. 5-P-1105

January 2008

1010-2A
1010-4A
1020-2A
1020-4A
1410-2A

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 8-Bolt Opening Gear FORWARD of Centerline

49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9830" (24.9700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

49 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.1380" (29.9100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236ZKAHX-*3 (6)	250	Opp	81		7-A-032(P)	328481X	Furnished	236LKAHX-*3 (6)	250	Opp	81		7-A-140		7170-2X
236ZQAHX-*3 (6)	250	Opp	110		7-A-032(P)	328481X	Furnished	236LQAHX-*3 (6)	250	Opp	110		7-A-140		7170-2X
236ZUAHX-*3 (6)	225	Opp	126		7-A-032(P)	328481X	Furnished	236LUAHX-*3 (6)	225	Opp	126		7-A-140		7170-2X
885ZBAHX-*3 (13)	500	Opp	41		8-A-700		328170-133X								
885ZGAHX-*3 (15)	500	Opp	53		8-A-700		328170-133X								
885ZJAHX-*3 (16)	500	Opp	63		8-A-700		328170-133X								
885ZMAHX-*3 (17)	500	Opp	74		8-A-700		328170-133X								

ONE SPEED - FORWARD & REVERSE

352ZSAHX-*3 (6)	140	Opp	118	153	7-A-032(P)	328481X	Furnished	340XFAHX-*5 (21)	200	Opp	53	56	7-A-140 (22)		7170-1X
													7-A-062		
								352ZSAHX-*3 (6)	140	Opp	118	153	7-A-140		7170-2X

ONE SPEED - DUAL SHAFT

452ZSAHX-*3 (6)	140	Opp	118		7-A-032(P)	328481X	Furnished	452ZSAHX-*3 (6)	140	Opp	118		7-A-140		7170-2X
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CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Speeds shown are with Transmission in Low Range - For High Range multiply speed shown by 1.27.

(6) Input Gear Part No. 5-P-1004
(13) Input Gear Part No. 5-P-1100
(15) Input Gear Part No. 5-P-1135
(16) Input Gear Part No. 5-P-1102
(17) Input Gear Part No. 5-P-1103
(21) Input Gear Part No. 5-P-581

(22) Filler block furnished with P.T.O.

January 2008

1253-B
1255-B
1453-B

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.4830" (12.2700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6380" (16.2100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	156		328564X	Furnished	100XRAHX-*3 (1)	125	Eng	156			7-A-350		328291-3X
812XKAHX-*3	400	Eng	104		8-A-190		328170-117X								

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Opp	69		7-A-032 (2)	328564X	Furnished	221XCAHX-*3	250	Opp	69		7-A-350		328170-35X
													7-A-032 (2)		
221XEAHX-*3	250	Opp	80			328564X	Furnished	221XEAHX-*3	250	Opp	80		7-A-350		328170-35X
221XLAHX-*3	200	Opp	108			328564X	Furnished	221XLAHX-*3	200	Opp	108		7-A-350		328170-35X
221XPAHX-*3	200	Opp	130			328564X	Furnished	221XPAHX-*3	200	Opp	130		7-A-350		328170-35X
442XAAHX-*3 (3)	250	Opp	61			328564X	Furnished	442XAAHX-*3 (3)	250	Opp	61		7-A-350		7170-5X
442XCAHX-*3 (4)	250	Opp	78			328564X	Furnished	442XCAHX-*3 (4)	250	Opp	78		7-A-350		7170-5X
442XFAHX-*3 (5)	250	Opp	96			328564X	Furnished	442XFAHX-*3 (5)	250	Opp	96		7-A-350		7170-5X
442XHAHX-*3 (6)	250	Opp	111			328564X	Furnished	442XHAHX-*3 (6)	250	Opp	111		7-A-350		7170-5X
442XLAHX-*3 (7)	250	Opp	125			328564X	Furnished	442XLAHX-*3 (7)	250	Opp	125		7-A-350		7170-5X
442XQAHX-*3 (7)	225	Opp	135			328564X	Furnished	442XQAHX-*3 (7)	225	Opp	135		7-A-350		7170-5X
442XRAHX-*3 (7)	225	Opp	156			328564X	Furnished	442XRAHX-*3 (7)	225	Opp	156		7-A-350		7170-5X
442XSAHX-*3 (7)	200	Opp	185			328564X	Furnished	442XSAHX-*3 (7)	200	Opp	185		7-A-350		7170-5X
442XUAHX-*3 (7)	195	Opp	221			328564X	Furnished	442XUAHX-*3 (7)	195	Opp	221		7-A-350		7170-5X
442XWAHX-*3 (7)	175	Opp	260			328564X	Furnished	442XWAHX-*3 (7)	175	Opp	260		7-A-350		7170-5X
442XXAHX-*3 (7)	140	Opp	308			328564X	Furnished	442XXAHX-*3 (7)	140	Opp	308		7-A-350		7170-5X
489XAAHX-*3 (3)	250	Opp	61		8-A-163		328170-190X	660KFAHX-*3 (8)	375	Opp	96		7-A-350		7170-5X
					8-A-032										
489XCAHX-*3 (4)	250	Opp	78		8-A-165		328170-190X	660KQAHX-*3 (9)	375	Opp	135		7-A-350		7170-5X
					8-A-032										
489XFAHX-*3 (5)	250	Opp	96		8-A-165		328170-190X	660KSAHX-*3 (10)	325	Opp	185		7-A-350		7170-5X
					8-A-032										
489XHAHX-*3 (6)	250	Opp	111		8-A-165		328170-190X								
					8-A-032										
489XLAHX-*3 (7)	250	Opp	125		8-A-165		328170-190X								
					8-A-032										
489XQAHX-*3 (7)	225	Opp	135		8-A-165		328170-190X								
					8-A-032										
489XRAHX-*3 (7)	225	Opp	156		8-A-165		328170-190X								
					8-A-032										

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

- (1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O. but not required
(3) Input Gear Part No. 5-P-1280
(4) Input Gear Part No. 5-P-1287
(5) Input Gear Part No. 5-P-1077
(6) Input Gear Part No. 5-P-1364

- (7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322

January 2008

1253-B
1255-B
1453-B

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.4830" (12.2700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6380" (16.2100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

489XSAHX-*3 (7)	200	Opp	185		8-A-165		328170-190X								
					8-A-032										
489XUAHX-*3 (7)	195	Opp	221		8-A-165		328170-190X								
					8-A-032										
489XWAHX-*3 (7)	175	Opp	260		8-A-165		328170-190X								
					8-A-032										
489XXAHX-*3 (7)	140	Opp	308		8-A-165		328170-190X								
					8-A-032										
680XFAHX-*3 (8)	375	Opp	96		8-A-165		328170-190X								
					8-A-032										
680XQAHX-*3 (9)	375	Opp	135		8-A-165		328170-190X								
					8-A-032										
680XSAHX-*3 (10)	325	Opp	185		8-A-165		328170-190X								
					8-A-032										
823XBAHX-*3 (11)	500	Opp	66		8-A-190		328170-14X								
823XJAHX-*3 (12)	500	Opp	100		8-A-190		328170-14X								
823XMAHX-*3 (13)	500	Opp	117		8-A-190		328170-14X								
823XRAHX-*3 (14)	400	Opp	161		8-A-190		328170-14X								
880XBAHX-*3 (15)	500	Opp	66		8-A-190		328170-14X								
880XDAHX-*3 (16)	500	Opp	78		8-A-190		328170-14X								
880XGAHX-*3 (17)	500	Opp	85		8-A-190		328170-14X								
880XJAHX-*3 (18)	500	Opp	100		8-A-190		328170-14X								
880XMAHX-*3 (19)	500	Opp	117		8-A-190		328170-14X								
880XQAHX-*3 (20)	450	Opp	137		8-A-190		328170-14X								
880XRAHX-*3 (21)	400	Opp	161		8-A-190		328170-14X								
880XTAHX-*3 (22)	350	Opp	208		8-A-190		328170-14X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	51	7-A-032(P)	328564X	Furnished	230XAAJX-*3	250	Opp	51	7-A-350	328170-173X
230XBAJX-*3	250	Opp	66	7-A-032(P)	328564X	Furnished	230XBAJX-*3	250	Opp	66	7-A-350	328170-173X
230XDAJX-*3	250	Opp	76	7-A-032(P)	328564X	Furnished	230XDAJX-*3	250	Opp	76	7-A-350	328170-173X
230XKAJX-*3	250	Opp	103	7-A-032(P)	328564X	Furnished	230XKAJX-*3	250	Opp	103	7-A-350	328170-173X
230XQAJX-*3	250	Opp	137	7-A-032(P)	328564X	Furnished	230XQAJX-*3	250	Opp	137	7-A-350	328170-173X
230XUAJX-*3	225	Opp	220	7-A-032(P)	328564X	Furnished	230XUAJX-*3	225	Opp	220	7-A-350	328170-173X

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CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322
(11) Input Gear Part No. 5-P-285
(12) Input Gear Part No. 5-P-325

(13) Input Gear Part No. 5-P-283
(14) Input Gear Part No. 5-P-721
(15) Input Gear Part No. 5-P-1100
(16) Input Gear Part No. 5-P-1101
(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102

(19) Input Gear Part No. 5-P-1103
(20) Input Gear Part No. 5-P-1385
(21) Input Gear Part No. 5-P-1104
(22) Input Gear Part No. 5-P-1105

January 2008

1253-B
1255-B
1453-B

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.4830" (12.2700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

55 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6380" (16.2100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDAHX-*3 (7)	250	Opp	101			328564X	Furnished	236KDAHX-*3 (7)	250	Opp	101		7-A-350		7170-5X
236XKAHX-*3 (7)	250	Opp	130			328564X	Furnished	236KKAHX-*3 (7)	250	Opp	130		7-A-350		7170-5X
236XQAHX-*3 (7)	250	Opp	175			328564X	Furnished	236KQAHX-*3 (7)	250	Opp	175		7-A-350		7170-5X
236XUAHX-*3 (7)	225	Opp	200			328564X	Furnished	236KUAHX-*3 (7)	225	Opp	200		7-A-350		7170-5X
885XBAHX-*3 (15)	500	Opp	66		8-A-190		328170-14X								
885XGAHX-*3 (17)	500	Opp	85		8-A-190		328170-14X								
885XJAHX-*3 (18)	500	Opp	100		8-A-190		328170-14X								
885XMAHX-*3 (19)	500	Opp	117		8-A-190		328170-14X								

ONE SPEED - FORWARD & REVERSE

340XFAHX-*5 (23)	200	Opp	84	89	7-A-140(P)(24)	328564X	Furnished	340XFAHX-*5 (23)	200	Opp	84	89	7-A-140 (24)		7170-5X
													7-A-300		
352XSAHX-*3 (7)	140	Opp	188	243		328564X	Furnished	352XSAHX-*3 (7)	140	Opp	188	243	7-A-350		7170-5X
863XBAHX-*5	500	Opp	66	81	8-A-190		328170-14X								

GEARED ADAPTERS

628XAHX-4AH					8-A-248		328170-190X	626KAHX-3AH					7-A-350		7170-5X
								630KAHX-3AH					7-A-350		7170-5X
								645KAHX-3AH					7-A-350		7170-5X

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(15) Input Gear Part No. 5-P-1100
(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102
(19) Input Gear Part No. 5-P-1103
(23) Input Gear Part No. 5-P-581

(24) Filler block furnished with P.T.O.

January 2008

1263-A
1265-A
1463-A
PSO140-6A
PSO140-6C

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	128		7-A-032(P)	310778X	Furnished	100XRAHX-*3 (1)	125	Eng	128		7-A-270		328291-3X
812XKAHX-*5	400	Eng	86		8-A-093		Furnished								

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Opp	57		7-A-032 (2)	328564X	Furnished	221XCAHX-*3	250	Opp	57		7-A-270		328170-35X
													7-A-032 (2)		
221XEAHX-*3	250	Opp	66		7-A-032(P)	310778X	Furnished	221XEAHX-*3	250	Opp	66		7-A-270		328170-35X
221XLAHX-*3	200	Opp	89		7-A-032(P)	310778X	Furnished	221XLAHX-*3	200	Opp	89		7-A-270		328170-35X
221XPAHX-*3	200	Opp	107		7-A-032(P)	310778X	Furnished	221XPAHX-*3	200	Opp	107		7-A-270		328170-35X
442XAAHX-*3 (3)	250	Opp	50		7-A-032(P)	310778X	Furnished	442XAAHX-*3 (3)	250	Opp	50		7-A-270		7170-9X
442XCAHX-*3 (4)	250	Opp	64		7-A-032(P)	310778X	Furnished	442XCAHX-*3 (4)	250	Opp	64		7-A-270		7170-9X
442XFAHX-*3 (5)	250	Opp	80		7-A-032(P)	310778X	Furnished	442XFAHX-*3 (5)	250	Opp	80		7-A-270		7170-9X
442XHAHX-*3 (6)	250	Opp	93		7-A-032(P)	310778X	Furnished	442XHAHX-*3 (6)	250	Opp	93		7-A-270		7170-9X
442XLAHX-*3 (7)	250	Opp	103		7-A-032(P)	310778X	Furnished	442XLAHX-*3 (7)	250	Opp	103		7-A-270		7170-9X
442XQAHX-*3 (7)	225	Opp	111		7-A-032(P)	310778X	Furnished	442XQAHX-*3 (7)	225	Opp	111		7-A-270		7170-9X
442XRAHX-*3 (7)	225	Opp	128		7-A-032(P)	310778X	Furnished	442XRAHX-*3 (7)	225	Opp	128		7-A-270		7170-9X
442XSAHX-*3 (7)	200	Opp	153		7-A-032(P)	310778X	Furnished	442XSAHX-*3 (7)	200	Opp	153		7-A-270		7170-9X
442XUAHX-*3 (7)	195	Opp	182		7-A-032(P)	310778X	Furnished	442XUAHX-*3 (7)	195	Opp	182		7-A-270		7170-9X
442XWAHX-*3 (7)	175	Opp	214		7-A-032(P)	310778X	Furnished	442XWAHX-*3 (7)	175	Opp	214		7-A-270		7170-9X
442XXAHX-*3 (7)	140	Opp	254		7-A-032(P)	310778X	Furnished	442XXAHX-*3 (7)	140	Opp	254		7-A-270		7170-9X
489XAAHX-*3 (3)	250	Opp	50		8-A-062		328170-190X	660KFAHX-*3 (8)	375	Opp	80		7-A-270		7170-9X
					8-A-093										
489XCAHX-*3 (4)	250	Opp	64		8-A-062		328170-190X	660KQAHX-*3 (9)	375	Opp	111		7-A-270		7170-9X
					8-A-093										
489XFAHX-*3 (5)	250	Opp	80		8-A-062		328170-190X	660KSAHX-*3 (10)	325	Opp	153		7-A-270		7170-9X
					8-A-093										
489XHAHX-*3 (6)	250	Opp	93		8-A-062		328170-190X								
					8-A-093										
489XLAHX-*3 (7)	250	Opp	103		8-A-062		328170-190X								
					8-A-093										
489XQAHX-*3 (7)	225	Opp	111		8-A-062		328170-190X								
					8-A-093										
489XRAHX-*3 (7)	225	Opp	128		8-A-062		328170-190X								
					8-A-093										

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O. but not required
(3) Input Gear Part No. 5-P-1280
(4) Input Gear Part No. 5-P-1287
(5) Input Gear Part No. 5-P-1077
(6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322

January 2008

1263-A
1265-A
1463-A
PSO140-6A
PSO140-6C

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

489XSAHX-*3 (7)	200	Opp	153		8-A-062		328170-190X								
					8-A-093										
489XUAHX-*3 (7)	195	Opp	182		8-A-062		328170-190X								
					8-A-093										
489XWAHX-*3 (7)	175	Opp	214		8-A-062		328170-190X								
					8-A-093										
489XXAHX-*3 (7)	140	Opp	254		8-A-062		328170-190X								
					8-A-093										
680XFAHX-*3 (8)	375	Opp	80		8-A-062		328170-190X								
					8-A-093										
680XQAHX-*3 (9)	375	Opp	111		8-A-062		328170-190X								
					8-A-093										
680XSAHX-*3 (10)	325	Opp	153		8-A-062		328170-190X								
					8-A-093										
823XBAHX-*3 (11)	500	Opp	54		8-A-093		328170-14X								
823XJAHX-*3 (12)	500	Opp	82		8-A-093		328170-14X								
823XMAHX-*3 (13)	500	Opp	96		8-A-093		328170-14X								
823XRAHX-*3 (14)	400	Opp	133		8-A-093		328170-14X								
880XBAHX-*3 (15)	500	Opp	54		8-A-093		328170-14X								
880XDAHX-*3 (16)	500	Opp	64		8-A-093		328170-14X								
880XGAHX-*3 (17)	500	Opp	70		8-A-093		328170-14X								
880XJAHX-*3 (18)	500	Opp	82		8-A-093		328170-14X								
880XMAHX-*3 (19)	500	Opp	96		8-A-093		328170-14X								
880XQAHX-*3 (20)	450	Opp	113		8-A-093		328170-14X								
880XRAHX-*3 (21)	400	Opp	133		8-A-093		328170-14X								
880XTAHX-*3 (22)	350	Opp	171		8-A-093		328170-14X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	42	7-A-032(P)	310778X	Furnished	230XAAJX-*3	250	Opp	42	7-A-270	328170-172X
230XBAJX-*3	250	Opp	54	7-A-032(P)	310778X	Furnished	230XBAJX-*3	250	Opp	54	7-A-270	328170-172X
230XDAJX-*3	250	Opp	63	7-A-032(P)	310778X	Furnished	230XDAJX-*3	250	Opp	63	7-A-270	328170-172X
230XKAJX-*3	250	Opp	85	7-A-032(P)	310778X	Furnished	230XKAJX-*3	250	Opp	85	7-A-270	328170-172X
230XQAJX-*3	250	Opp	113	7-A-032(P)	310778X	Furnished	230XQAJX-*3	250	Opp	113	7-A-270	328170-172X
230XUAJX-*3	225	Opp	181	7-A-032(P)	310778X	Furnished	230XUAJX-*3	225	Opp	181	7-A-270	328170-172X

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(8) Input Gear Part No. 5-P-1242
(9) Input Gear Part No. 5-P-1246
(10) Input Gear Part No. 5-P-1322
(11) Input Gear Part No. 5-P-285
(12) Input Gear Part No. 5-P-325

(13) Input Gear Part No. 5-P-283
(14) Input Gear Part No. 5-P-721
(15) Input Gear Part No. 5-P-1100
(16) Input Gear Part No. 5-P-1101
(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102

(19) Input Gear Part No. 5-P-1103
(20) Input Gear Part No. 5-P-1385
(21) Input Gear Part No. 5-P-1104
(22) Input Gear Part No. 5-P-1105

January 2008

1263-A
1265-A
1463-A
PSO140-6A
PSO140-6C

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDAHX-*3 (7)	250	Opp	83		7-A-032(P)	310778X	Furnished	236KDAHX-*3 (7)	250	Opp	83		7-A-270		7170-9X
236XKAHX-*3 (7)	250	Opp	106		7-A-032(P)	310778X	Furnished	236KKAHX-*3 (7)	250	Opp	106		7-A-270		7170-9X
236XQAHX-*3 (7)	250	Opp	144		7-A-032(P)	310778X	Furnished	236KQAHX-*3 (7)	250	Opp	144		7-A-270		7170-9X
236XUAHX-*3 (7)	225	Opp	165		7-A-032(P)	310778X	Furnished	236KUAHX-*3 (7)	225	Opp	165		7-A-270		7170-9X
885XBAHX-*3 (15)	500	Opp	54		8-A-093		328170-14X								
885XGAHX-*3 (17)	500	Opp	70		8-A-093		328170-14X								
885XJAHX-*3 (18)	500	Opp	82		8-A-093		328170-14X								
885XMAHX-*3 (19)	500	Opp	96		8-A-093		328170-14X								

ONE SPEED - FORWARD & REVERSE

340SFAHX-*5 (23)	200	Opp	70	73	7-A-093(P)	328564X	Furnished	340XFAHX-*5 (23)	200	Opp	70	73	7-A-140 (24)		7170-5X
					7-A-140 (24)								7-A-240		
352XSAHX-*3 (7)	140	Opp	155	200	7-A-032(P)	310778X	Furnished	352XSAHX-*3 (7)	140	Opp	155	200	7-A-270		7170-9X
863XBAHX-*5	500	Opp	54	67	8-A-093		328170-14X								

ONE SPEED - DUAL SHAFT

452XSAHX-*3 (7)	140	Opp	155		7-A-032(P)	310778X	Furnished	452XSAHX-*3 (7)	140	Opp	155		7-A-270		7170-9X
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GEARED ADAPTERS

628XAHX-3AH					8-A-190		328170-190X	626KAHX-3AH					7-A-270		7170-9X
								630KAHX-3AH					7-A-270		7170-9X
								645KAHX-3AH					7-A-270		7170-9X

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(15) Input Gear Part No. 5-P-1100
(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102
(19) Input Gear Part No. 5-P-1103
(23) Input Gear Part No. 5-P-581

(24) Filler block furnished with P.T.O.

January 2008

1007-3A	PSO125-6L
1007-3A	
1207-3A	
1263-B	
PSO120-8LL	

BOTTOM SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: BOT 8-Bolt Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: .5660" (14.3800MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: .7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	128		7-A-062(P)	328564X	Furnished	100XRAHX-*3 (1)	125	Eng	128		7-A-400		328291-4X
812XKAHX-*3	400	Eng	86		8-A-248		328170-117X								

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Opp	57		7-A-093(P) 7-A-032 (2)	328564X	328170-102X	221XCAHX-*3	250	Opp	57		7-A-400 7-A-032 (2)		328170-33X
221XEAHX-*3	250	Opp	66		7-A-062(P)	328564X	Furnished	221XEAHX-*3	250	Opp	66		7-A-400		328170-35X
221XLAHX-*3	200	Opp	89		7-A-062(P)	328564X	Furnished	221XLAHX-*3	200	Opp	89		7-A-400		328170-35X
221XPAHX-*3	200	Opp	107		7-A-062(P)	328564X	Furnished	221XPAHX-*3	200	Opp	107		7-A-400		328170-33X
442XAAHX-*3 (3)	250	Opp	50		7-A-062(P)	328564X	Furnished	442XAAHX-*3 (3)	250	Opp	50		7-A-032 7-A-350		7170-6X
442XCAHX-*3 (4)	250	Opp	64		7-A-062(P)	328564X	Furnished	442XCAHX-*3 (4)	250	Opp	64		7-A-032 7-A-350		7170-6X
442XFAHX-*3 (5)	250	Opp	80		7-A-062(P)	328564X	Furnished	442XFAHX-*3 (5)	250	Opp	80		7-A-032 7-A-350		7170-6X
442XHAHX-*3 (6)	250	Opp	93		7-A-062(P)	328564X	Furnished	442XHAHX-*3 (6)	250	Opp	93		7-A-032 7-A-350		7170-6X
442XLAHX-*3 (7)	250	Opp	103		7-A-062(P)	328564X	Furnished	442XLAHX-*3 (7)	250	Opp	103		7-A-032 7-A-350		7170-6X
442XQAHX-*3 (7)	225	Opp	111		7-A-062(P)	328564X	Furnished	442XQAHX-*3 (7)	225	Opp	111		7-A-032 7-A-350		7170-6X
442XRAHX-*3 (7)	225	Opp	128		7-A-062(P)	328564X	Furnished	442XRAHX-*3 (7)	225	Opp	128		7-A-032 7-A-350		7170-6X
442XSAHX-*3 (7)	200	Opp	153		7-A-062(P)	328564X	Furnished	442XSAHX-*3 (7)	200	Opp	153		7-A-032 7-A-350		7170-6X
442XUAHX-*3 (7)	195	Opp	182		7-A-062(P)	328564X	Furnished	442XUAHX-*3 (7)	195	Opp	182		7-A-032 7-A-350		7170-6X
442XWAHX-*3 (7)	175	Opp	214		7-A-062(P)	328564X	Furnished	442XWAHX-*3 (7)	175	Opp	214		7-A-032 7-A-350		7170-6X
442XXAHX-*3 (7)	140	Opp	254		7-A-062(P)	328564X	Furnished	442XXAHX-*3 (7)	140	Opp	254		7-A-032 7-A-350		7170-6X
489XAAHX-*3 (3)	250	Opp	50		8-A-165 8-A-032		328170-204X	660KFAHX-*3 (8)	375	Opp	80		7-A-032 7-A-350		7170-6X
489XCAHX-*3 (4)	250	Opp	64		8-A-165 8-A-032		328170-204X	660KQAHX-*3 (9)	375	Opp	111		7-A-032 7-A-350		7170-6X

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CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565
 (2) Filler block furnished with P.T.O. but not required
 (3) Input Gear Part No. 5-P-1280
 (4) Input Gear Part No. 5-P-1287
 (5) Input Gear Part No. 5-P-1077
 (6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004
 (8) Input Gear Part No. 5-P-1242
 (9) Input Gear Part No. 5-P-1246

1007-3A	PSO125-6L
1007-3A	
1207-3A	
1263-B	
PSO120-8LL	

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

489XFAHX-*3 (5)	250	Opp	80		8-A-165			328170-204X 660KSAHX-*3 (10)	325	Opp	153		7-A-032		7170-6X
					8-A-032								7-A-350		
489XHAHX-*3 (6)	250	Opp	93		8-A-165			328170-204X							
					8-A-032										
489XLAHX-*3 (7)	250	Opp	103		8-A-165			328170-204X							
					8-A-032										
489XQAHX-*3 (7)	225	Opp	111		8-A-165			328170-204X							
					8-A-032										
489XRAHX-*3 (7)	225	Opp	128		8-A-165			328170-204X							
					8-A-032										
489XSAHX-*3 (7)	200	Opp	153		8-A-165			328170-204X							
					8-A-032										
489XUAHX-*3 (7)	195	Opp	182		8-A-165			328170-204X							
					8-A-032										
489XWAHX-*3 (7)	175	Opp	214		8-A-165			328170-204X							
					8-A-032										
489XXAHX-*3 (7)	140	Opp	254		8-A-165			328170-204X							
					8-A-032										
680XFAHX-*3 (8)	375	Opp	80		8-A-165			328170-204X							
					8-A-032										
680XQAHX-*3 (9)	375	Opp	111		8-A-165			328170-204X							
					8-A-032										
680XSAHX-*3 (10)	325	Opp	153		8-A-165			328170-204X							
					8-A-032										
823XBAHX-*3 (11)	500	Opp	54		8-A-248			328170-14X							
823XJAHX-*3 (12)	500	Opp	82		8-A-248			328170-14X							
823XMAHX-*3 (13)	500	Opp	96		8-A-248			328170-14X							
823XRAHX-*3 (14)	400	Opp	133		8-A-248			328170-14X							
880XBAHX-*3 (15)	500	Opp	54		8-A-248			328170-14X							
880XDAHX-*3 (16)	500	Opp	64		8-A-248			328170-14X							
880XGAHX-*3 (17)	500	Opp	70		8-A-248			328170-14X							
880XJAHX-*3 (18)	500	Opp	82		8-A-248			328170-14X							
880XMAHX-*3 (19)	500	Opp	96		8-A-248			328170-14X							
880XQAHX-*3 (20)	450	Opp	113		8-A-248			328170-14X							

Continued Next Page**CAUTION:** 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.**NOTE:** The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.**NOTE:** If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(5) Input Gear Part No. 5-P-1077
 (6) Input Gear Part No. 5-P-1364
 (7) Input Gear Part No. 5-P-1004
 (8) Input Gear Part No. 5-P-1242
 (9) Input Gear Part No. 5-P-1246
 (10) Input Gear Part No. 5-P-1322

(11) Input Gear Part No. 5-P-285
 (12) Input Gear Part No. 5-P-325
 (13) Input Gear Part No. 5-P-283
 (14) Input Gear Part No. 5-P-721
 (15) Input Gear Part No. 5-P-1100
 (16) Input Gear Part No. 5-P-1101

(17) Input Gear Part No. 5-P-1135
 (18) Input Gear Part No. 5-P-1102
 (19) Input Gear Part No. 5-P-1103
 (20) Input Gear Part No. 5-P-1385

January 2008

1007-3A	PSO125-6L
1007-3A	
1207-3A	
1263-B	
PSO120-8LL	

BOTTOM SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: BOT 8-Bolt Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: .5660" (14.3800MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 54 Teeth - SPUR PITCH LINE TO APERTURE FACE: .7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

880XRAHX-*3 (21)	400	Opp	133		8-A-248		328170-14X								
880XTAHX-*3 (22)	350	Opp	171		8-A-248		328170-14X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	42		7-A-093(P)	328564X	328170-172X	230XAAJX-*3	250	Opp	42		7-A-400		328170-174X
230XBAJX-*3	250	Opp	54		7-A-093(P)	328564X	328170-172X	230XBAJX-*3	250	Opp	54		7-A-400		328170-174X
230XDAJX-*3	250	Opp	63		7-A-093(P)	328564X	328170-172X	230XDAJX-*3	250	Opp	63		7-A-400		328170-174X
230XKAJX-*3	250	Opp	85		7-A-093(P)	328564X	328170-172X	230XKAJX-*3	250	Opp	85		7-A-400		328170-174X
230XQAJX-*3	250	Opp	113		7-A-093(P)	328564X	328170-172X	230XQAJX-*3	250	Opp	113		7-A-400		328170-174X
230XUAJX-*3	225	Opp	181		7-A-093(P)	328564X	328170-172X	230XUAJX-*3	225	Opp	181		7-A-400		328170-174X
236XDAHX-*3 (7)	250	Opp	83		7-A-062(P)	328564X	Furnished	236XDAHX-*3 (7)	250	Opp	83		7-A-032		7170-6X
													7-A-350		
236XKAHX-*3 (7)	250	Opp	106		7-A-062(P)	328564X	Furnished	236XKAHX-*3 (7)	250	Opp	106		7-A-032		7170-6X
													7-A-350		
236XQAHX-*3 (7)	250	Opp	144		7-A-062(P)	328564X	Furnished	236XQAHX-*3 (7)	250	Opp	144		7-A-032		7170-6X
													7-A-350		
236XUAHX-*3 (7)	225	Opp	165		7-A-062(P)	328564X	Furnished	236XUAHX-*3 (7)	225	Opp	165		7-A-032		7170-6X
													7-A-350		
885XBAHX-*3 (15)	500	Opp	54		8-A-248		328170-14X								
885XGAHX-*3 (17)	500	Opp	70		8-A-248		328170-14X								
885XJAHX-*3 (18)	500	Opp	82		8-A-248		328170-14X								
885XMAHX-*3 (19)	500	Opp	96		8-A-248		328170-14X								

ONE SPEED - FORWARD & REVERSE

340SFAHX-*5 (23)	200	Opp	70	73	7-A-200(P) 7-A-140 (2)	328564X	Furnished	340SFAHX-*5 (23)	200	Opp	70	73	7-A-140 (24) 7-A-350		7170-6X
352XSAHX-*3 (7)	140	Opp	155	200	7-A-062(P)	328564X	Furnished	352XSAHX-*3 (7)	140	Opp	155	200	7-A-350 7-A-032		7170-6X
863XBAHX-*5	500	Opp	54	67	8-A-248		Furnished								

ONE SPEED - DUAL SHAFT

452XSAHX-*3 (7)	140	Opp	155		7-A-062(P)	328564X	Furnished	452XSAHX-*3 (7)	140	Opp	155		7-A-350 7-A-032		7170-6X
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CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(2) Filler block furnished with P.T.O. but not required
 (7) Input Gear Part No. 5-P-1004
 (15) Input Gear Part No. 5-P-1100
 (17) Input Gear Part No. 5-P-1135
 (18) Input Gear Part No. 5-P-1102
 (19) Input Gear Part No. 5-P-1103

(21) Input Gear Part No. 5-P-1104
 (22) Input Gear Part No. 5-P-1105
 (23) Input Gear Part No. 5-P-581
 (24) Filler block furnished with P.T.O.

January 2008

1007-3A PSO125-6L
 1007-3A
 1207-3A
 1263-B
 PSO120-8LL

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 8-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.5660" (14.3800MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

54 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7210" (18.3100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

GEARED ADAPTERS

628XAHX-3AH	8-A-248	Furnished	626KAHX-3AH	7-A-032	7170-6X
			630KAHX-3AH	7-A-350	7170-6X
			645KAHX-3AH	7-A-032	7170-6X
				7-A-350	

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

January 2008

1007-2A	1262-A
1007-2A	1264-A
1062-A	1362-A
1064-A	1462-A
1207-2A	

BOTTOM SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: BOT 8-Bolt Opening Gear FORWARD of Centerline 45 Teeth - SPUR PITCH LINE TO APERTURE FACE: 1.3160" (33.4300MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 45 Teeth - SPUR PITCH LINE TO APERTURE FACE: 1.4710" (37.3600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

812ZKCPX-*3	400	Eng	61				Furnished	100XRAHX-*3 (1)	125	Opp	94		7-A-1640(T)	328530-1X	7170-49X
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

823ZBAHX-*3 (6)	500	Opp	40		8-A-295		328170-131X	221XCAHX-*3	250	Eng	42		7-A-032(P)(2)	328530-1X	328170-36X
					8-A-093								7-A-1640(T)		
823ZJAHX-*3 (7)	500	Opp	60		8-A-295		328170-131X	221XEAHX-*3	250	Eng	48		7-A-1640(T)	328530-1X	328170-36X
					8-A-093										
823ZMAHX-*3 (8)	500	Opp	70		8-A-295		328170-131X	221XLAHX-*3	200	Eng	65		7-A-1640(T)	328530-1X	328170-36X
					8-A-093										
880ZBAHX-*3 (9)	500	Opp	40		8-A-295		328170-131X	221XPAHX-*3	200	Eng	78		7-A-1640(T)	328530-1X	328170-36X
					8-A-093										
880ZDAHx-*3 (10)	500	Opp	47		8-A-295		328170-131X	442KFAHX-*3 (3)	250	Eng	58		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
880ZGAHX-*3 (11)	500	Opp	51		8-A-295		328170-131X	442KHAHX-*3 (4)	250	Eng	67		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
880ZJAHX-*3 (12)	500	Opp	60		8-A-295		328170-131X	442KLAHX-*3 (5)	250	Eng	75		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
880ZMAHX-*3 (13)	500	Opp	70		8-A-295		328170-131X	442KQAHX-*3 (5)	225	Eng	81		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
880ZQAHX-*3 (14)	450	Opp	82		8-A-295		328170-131X	442KRAHX-*3 (5)	225	Eng	94		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
880ZTAHX-*3 (15)	350	Opp	125		8-A-295		328170-131X	442KSAHX-*3 (5)	200	Eng	112		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
								442KUAHX-*3 (5)	195	Eng	133		7-A-1640(T)	328530-1X	7170-29X
								442KWAHX-*3 (5)	175	Eng	156		7-A-1640(T)	328530-1X	7170-29X
								442KXAHX-*3 (5)	140	Eng	185		7-A-1640(T)	328530-1X	7170-29X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885ZBAHX-*3 (9)	500	Opp	40		8-A-295		328170-131X	236KDAHx-*3 (5)	250	Eng	61		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
885ZGAHX-*3 (11)	500	Opp	51		8-A-295		328170-131X	236KKAHX-*3 (5)	250	Eng	78		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										
885ZJAHX-*3 (12)	500	Opp	60		8-A-295		328170-131X	236KQAHX-*3 (5)	250	Eng	105		7-A-1640(T)	328530-1X	7170-29X
					8-A-093										

Continued Next Page

NOTE: 812 Series output shaft hits auxiliary transmission housing on 1007-2A, 1207-2A.

NOTE: No adapters are available for the 8-bolt opening.

NOTE: For trans, models 1262A, 1264A, and 1462A, P.T.O. speeds multiply speeds shown by 1.14.

(1) Gear and Shaft Kit No. KXA-2-P-565
 (2) Filler block furnished with P.T.O.
 (3) Input Gear Part No. 5-P-1077
 (4) Input Gear Part No. 5-P-1364
 (5) Input Gear Part No. 5-P-1004
 (6) Input Gear Part No. 5-P-285

(7) Input Gear Part No. 5-P-325
 (8) Input Gear Part No. 5-P-283
 (9) Input Gear Part No. 5-P-1100
 (10) Input Gear Part No. 5-P-1101
 (11) Input Gear Part No. 5-P-1135
 (12) Input Gear Part No. 5-P-1102

(13) Input Gear Part No. 5-P-1103
 (14) Input Gear Part No. 5-P-1385
 (15) Input Gear Part No. 5-P-1105

January 2008

1007-2A	1262-A
1007-2A	1264-A
1062-A	1362-A
1064-A	1462-A
1207-2A	

BOTTOM SIDE ONLY	RIGHT SIDE ONLY
TRANSMISSION GEAR DATA: BOT 8-Bolt Opening Gear FORWARD of Centerline 45 Teeth - SPUR PITCH LINE TO APERTURE FACE: 1.3160" (33.4300MM)	TRANSMISSION GEAR DATA: R.H. 6-Bolt Opening Gear FORWARD of Centerline 45 Teeth - SPUR PITCH LINE TO APERTURE FACE: 1.4710" (37.3600MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885ZMAHX-*3 (13)	500	Opp	70		8-A-295 8-A-093		328170-131X	236KUAHX-*3 (5)	225	Eng	120		7-A-1640(T)	328530-1X	7170-29X
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ONE SPEED - FORWARD & REVERSE

								340XFAHX-*5 (16)	200	Eng	51	53	7-A-140(P)(2)	328530-1X	7170-28X
													7-A-1640(T)		
								352XSAHX-*3 (5)	140	Eng	113	146	7-A-1640(T)	328530-1X	7170-29X

ONE SPEED - DUAL SHAFT

								452XSAHX-*3 (5)	140	Eng	113		7-A-1640(T)	328530-1X	7170-29X
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NOTE: 812 Series output shaft hits auxiliary transmission housing on 1007-2A, 1207-2A.

NOTE: No adapters are available for the 8-bolt opening.

NOTE: For trans, models 1262A, 1264A, and 1462A, P.T.O. speeds multiply speeds shown by 1.14.

(2) Filler block furnished with P.T.O.
 (5) Input Gear Part No. 5-P-1004
 (13) Input Gear Part No. 5-P-1103
 (16) Input Gear Part No. 5-P-581

January 2008

1252-A
1254-A
1452-A
PS140-5

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

44 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.4000" (35.5600MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

44 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.5540" (39.4700MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1) 125 Opp 99 7-A-1520(T) 328530-1X 7170-50X

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

823ZBAHX-*3 (6)	500	Opp	42		8-A-295		328170-130X	221XCAHX-*3	250	Eng	44		7-A-032(P)(2) 7-A-1520(T)	328530-1X	328170-36X
823ZJAHX-*3 (7)	500	Opp	63		8-A-295		328170-130X	221XEAHX-*3	250	Eng	51		7-A-1520(T)	328530-1X	328170-36X
823ZMAHX-*3 (8)	500	Opp	74		8-A-295		328170-130X	221XLAHX-*3	200	Eng	68		7-A-1520(T)	328530-1X	328170-36X
880ZBAHX-*3 (9)	500	Opp	42		8-A-295		328170-130X	221XPAHX-*3	200	Eng	82		7-A-1520(T)	328530-1X	328170-36X
880ZDAHX-*3 (10)	500	Opp	49		8-A-295		328170-130X	442KFAHX-*3 (3)	250	Eng	61		7-A-1520(T)	328530-1X	7170-28X
880ZGAHX-*3 (11)	500	Opp	54		8-A-295		328170-130X	442KHAHX-*3 (4)	250	Eng	71		7-A-1520(T)	328530-1X	7170-28X
880ZJAHX-*3 (12)	500	Opp	63		8-A-295		328170-130X	442KLAHX-*3 (5)	250	Eng	79		7-A-1520(T)	328530-1X	7170-28X
880ZMAHX-*3 (13)	500	Opp	74		8-A-295		328170-130X	442KQAHX-*3 (5)	225	Eng	85		7-A-1520(T)	328530-1X	7170-28X
880ZQAHX-*3 (14)	450	Opp	87		8-A-295		328170-130X	442KRAHX-*3 (5)	225	Eng	99		7-A-1520(T)	328530-1X	7170-28X
880ZRAHX-*3 (15)	400	Opp	102		8-A-295		328170-130X	442KSAHX-*3 (5)	200	Eng	117		7-A-1520(T)	328530-1X	7170-28X
880ZTAHX-*3 (16)	350	Opp	132		8-A-295		328170-130X	442KUAHX-*3 (5)	195	Eng	140		7-A-1520(T)	328530-1X	7170-28X
								442KWAHX-*3 (5)	175	Eng	165		7-A-1520(T)	328530-1X	7170-28X
								442KXAHX-*3 (5)	140	Eng	195		7-A-1520(T)	328530-1X	7170-28X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885ZBAHX-*3 (9)	500	Opp	42		8-A-295		328170-130X	236KDAHX-*3 (5)	250	Eng	64		7-A-1520(T)	328530-1X	7170-28X
885ZGAHX-*3 (11)	500	Opp	54		8-A-295		328170-130X	236KKAHX-*3 (5)	250	Eng	82		7-A-1520(T)	328530-1X	7170-28X
885ZJAHX-*3 (12)	500	Opp	63		8-A-295		328170-130X	236KQAHX-*3 (5)	250	Eng	111		7-A-1520(T)	328530-1X	7170-28X
885ZMAHX-*3 (13)	500	Opp	74		8-A-295		328170-130X	236KUAHX-*3 (5)	225	Eng	127		7-A-1520(T)	328530-1X	7170-28X

ONE SPEED - FORWARD & REVERSE

								340XFAHX-*5 (17)	200	Eng	53	56	7-A-140(P)(2) 7-A-1520(T)	328530-1X	7170-28X
								352XSAHX-*3 (5)	140	Eng	119	154	7-A-1520(T)	328530-1X	7170-28X

ONE SPEED - DUAL SHAFT

								452XSAHX-*3 (5)	140	Eng	119		7-A-1520(T)	328530-1X	7170-28X
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NOTE: No adapters are available for the 8-bolt opening.

- (1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O.
(3) Input Gear Part No. 5-P-1077
(4) Input Gear Part No. 5-P-1364
(5) Input Gear Part No. 5-P-1004
(6) Input Gear Part No. 5-P-285

- (7) Input Gear Part No. 5-P-325
(8) Input Gear Part No. 5-P-283
(9) Input Gear Part No. 5-P-1100
(10) Input Gear Part No. 5-P-1101
(11) Input Gear Part No. 5-P-1135
(12) Input Gear Part No. 5-P-1102

- (13) Input Gear Part No. 5-P-1103
(14) Input Gear Part No. 5-P-1385
(15) Input Gear Part No. 5-P-1104
(16) Input Gear Part No. 5-P-1105
(17) Input Gear Part No. 5-P-581

January 2008

1052-A
1054-A
1352-A
PS130-5A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

43 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.4830" (37.6700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

43 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

1.6380" (41.6100MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1) 125 Opp 90 7-A-1468(T) 328530-1X 7170-31X

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

823ZBAHX-*3 (6)	500	Opp	38		8-A-248		328170-130X	221XCAHX-*3	250	Eng	40		7-A-032(P)(2)	328530-1X	328170-36X
													7-A-1468(T)		
823ZJAHX-*3 (7)	500	Opp	57		8-A-248		328170-130X	221XEAHX-*3	250	Eng	46		7-A-1468(T)	328530-1X	328170-36X
823ZMAHX-*3 (8)	500	Opp	67		8-A-248		328170-130X	221XLAHX-*3	200	Eng	62		7-A-1468(T)	328530-1X	328170-36X
880ZBAHX-*3 (9)	500	Opp	38		8-A-248		328170-130X	221XPAHX-*3	200	Eng	75		7-A-1468(T)	328530-1X	328170-36X
880ZDAHX-*3 (10)	500	Opp	45		8-A-248		328170-130X	442KFAHX-*3 (3)	250	Eng	55		7-A-1468(T)	328530-1X	7170-28X
880ZGAHX-*3 (11)	500	Opp	49		8-A-248		328170-130X	442KHAHX-*3 (4)	250	Eng	64		7-A-1468(T)	328530-1X	7170-28X
880ZJAHX-*3 (12)	500	Opp	57		8-A-248		328170-130X	442KLAHX-*3 (5)	250	Eng	72		7-A-1468(T)	328530-1X	7170-28X
880ZMAHX-*3 (13)	500	Opp	67		8-A-248		328170-130X	442KQAHX-*3 (5)	225	Eng	77		7-A-1468(T)	328530-1X	7170-28X
880ZQAHX-*3 (14)	450	Opp	79		8-A-248		328170-130X	442KRAHX-*3 (5)	225	Eng	90		7-A-1468(T)	328530-1X	7170-28X
880ZRAHX-*3 (15)	400	Opp	93		8-A-248		328170-130X	442KSAHX-*3 (5)	200	Eng	107		7-A-1468(T)	328530-1X	7170-28X
880ZTAHX-*3 (16)	350	Opp	119		8-A-248		328170-130X	442KUAHX-*3 (5)	195	Eng	127		7-A-1468(T)	328530-1X	7170-28X
								442KWAHX-*3 (5)	175	Eng	149		7-A-1468(T)	328530-1X	7170-28X
								442KXAHX-*3 (5)	140	Eng	177		7-A-1468(T)	328530-1X	7170-28X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

885ZBAHX-*3 (9)	500	Opp	38		8-A-248		328170-130X	236KDAHX-*3 (5)	250	Eng	58		7-A-1468(T)	328530-1X	7170-28X
885ZGAHX-*3 (11)	500	Opp	49		8-A-248		328170-130X	236KKAHX-*3 (5)	250	Eng	75		7-A-1468(T)	328530-1X	7170-28X
885ZJAHX-*3 (12)	500	Opp	57		8-A-248		328170-130X	236KQAHX-*3 (5)	250	Eng	100		7-A-1468(T)	328530-1X	7170-28X
885ZMAHX-*3 (13)	500	Opp	67		8-A-248		328170-130X	236KUAHX-*3 (5)	225	Eng	115		7-A-1468(T)	328530-1X	7170-28X

ONE SPEED - FORWARD & REVERSE

340XFAHX-*5 (17) 200 Eng 48 51 7-A-140(P)(2) 328530-1X 7170-28X
7-A-1468(T)
352XSAHX-*3 (5) 140 Eng 108 140 7-A-1468(T) 328530-1X 7170-28X

ONE SPEED - DUAL SHAFT

452XSAHX-*3 (5) 140 Eng 108 7-A-1468(T) 328530-1X 7170-28X

NOTE: No adapters are available for the 8-bolt opening.

(1) Gear and Shaft Kit No. KXA-2-P-565
(2) Filler block furnished with P.T.O.
(3) Input Gear Part No. 5-P-1077
(4) Input Gear Part No. 5-P-1364
(5) Input Gear Part No. 5-P-1004
(6) Input Gear Part No. 5-P-285

(7) Input Gear Part No. 5-P-325
(8) Input Gear Part No. 5-P-283
(9) Input Gear Part No. 5-P-1100
(10) Input Gear Part No. 5-P-1101
(11) Input Gear Part No. 5-P-1135
(12) Input Gear Part No. 5-P-1102

(13) Input Gear Part No. 5-P-1103
(14) Input Gear Part No. 5-P-1385
(15) Input Gear Part No. 5-P-1104
(16) Input Gear Part No. 5-P-1105
(17) Input Gear Part No. 5-P-581

January 2008

1107-2A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8170" (20.7518MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9760" (24.7904MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	89		7-A-125(P)	328481X	Furnished								
812XKAHX-*3	400	Eng	60				Furnished								

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221ZCAHX-*3	250	Opp	40		7-A-032(P)(2)	328564X	Furnished	221XCAHX-*3	250	Opp	40		7-A-140		328170-102X
													7-A-032 (2)		
221ZEAHX-*3	250	Opp	46			328564X	Furnished	221XEAHX-*3	250	Opp	46		7-A-093		Furnished
221ZLAHX-*3	200	Opp	62			328564X	Furnished	221XLAHX-*3	200	Opp	62		7-A-093		Furnished
221ZPAHX-*3	200	Opp	75			328564X	Furnished	221XPAHX-*3	200	Opp	75		7-A-093		Furnished
442ZAAHX-*3 (3)	250	Opp	35			328564X	Furnished	442KAAHX-*3 (3)	250	Opp	35		7-A-093		7170-3X
442ZCAHX-*3 (4)	250	Opp	45			328564X	Furnished	442KCAHX-*3 (4)	250	Opp	45		7-A-093		7170-3X
442ZFAHX-*3 (5)	250	Opp	55			328564X	Furnished	442KFAHX-*3 (5)	250	Opp	55		7-A-093		7170-3X
442ZHAHX-*3 (6)	250	Opp	64			328564X	Furnished	442KHAHX-*3 (6)	250	Opp	64		7-A-093		7170-3X
442ZLAHX-*3 (7)	250	Opp	72			328564X	Furnished	442KLAHX-*3 (7)	250	Opp	72		7-A-093		7170-3X
442ZQAHX-*3 (7)	225	Opp	77			328564X	Furnished	442KQAHX-*3 (7)	225	Opp	77		7-A-093		7170-3X
442ZRAHX-*3 (7)	225	Opp	89			328564X	Furnished	442KRAHX-*3 (7)	225	Opp	89		7-A-093		7170-3X
442ZSAHX-*3 (7)	200	Opp	106			328564X	Furnished	442KSAHX-*3 (7)	200	Opp	106		7-A-093		7170-3X
442ZUAHX-*3 (7)	195	Opp	127			328564X	Furnished	442KUAHX-*3 (7)	195	Opp	127		7-A-093		7170-3X
442ZWAHX-*3 (7)	175	Opp	149			328564X	Furnished	442KWAHX-*3 (7)	175	Opp	149		7-A-093		7170-3X
442ZXAHX-*3 (7)	140	Opp	177			328564X	Furnished	442KXAHX-*3 (7)	140	Opp	177		7-A-093		7170-3X
489XAAHX-*3 (3)	250	Opp	35				Furnished	660KFAHX-*3 (8)	375	Opp	55		7-A-093		7170-3X
489XCAHX-*3 (4)	250	Opp	45				Furnished	660KQAHX-*3 (9)	375	Opp	77		7-A-093		7170-3X
489XFAHX-*3 (5)	250	Opp	55				Furnished	660KSAHX-*3 (10)	325	Opp	106		7-A-093		7170-3X
489XHAHX-*3 (6)	250	Opp	64				Furnished								
489XLAHX-*3 (7)	250	Opp	72				Furnished								
489XQAHX-*3 (7)	225	Opp	77				Furnished								
489XRAHX-*3 (7)	225	Opp	89				Furnished								
489XSAHX-*3 (7)	200	Opp	106				Furnished								
489XUAHX-*3 (7)	195	Opp	127				Furnished								
489XWAHX-*3 (7)	175	Opp	149				Furnished								
489XXAHX-*3 (7)	140	Opp	177				Furnished								
680XFAHX-*3 (8)	375	Opp	55				Furnished								
680XQAHX-*3 (9)	375	Opp	77				Furnished								

Continued Next Page

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.**NOTE:** The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.**NOTE:** If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565
 (2) Filler block furnished with P.T.O.
 (3) Input Gear Part No. 5-P-1280
 (4) Input Gear Part No. 5-P-1287
 (5) Input Gear Part No. 5-P-1077
 (6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004
 (8) Input Gear Part No. 5-P-1242
 (9) Input Gear Part No. 5-P-1246
 (10) Input Gear Part No. 5-P-1322

1107-2A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8170" (20.7518MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9760" (24.7904MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

680XSAHX-*3 (10)	325	Opp	106					Furnished							
823XBAHX-*3 (11)	500	Opp	38					Furnished							
823XJAHX-*3 (12)	500	Opp	57					Furnished							
823XMAHX-*3 (13)	500	Opp	67					Furnished							
823XRAHX-*3 (14)	400	Opp	93					Furnished							
823XTKTX-*3 (15)	350	Opp	111		8-A-165(P)(2)			Furnished							
880XBAHX-*3 (16)	500	Opp	38					Furnished							
880XDAHX-*3 (17)	500	Opp	45					Furnished							
880XGAHX-*3 (18)	500	Opp	49					Furnished							
880XJAHX-*3 (19)	500	Opp	57					Furnished							
880XMAHX-*3 (20)	500	Opp	67					Furnished							
880XQAHX-*3 (21)	450	Opp	79					Furnished							
880XRAHX-*3 (22)	400	Opp	93					Furnished							
880XTAHX-*3 (23)	350	Opp	119					Furnished							

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	29	7-A-032(P)	328481X	Furnished	230XAAJX-*3	250	Opp	29	7-A-125	328170-173X
230XBAJX-*3	250	Opp	38	7-A-032(P)	328481X	Furnished	230XBAJX-*3	250	Opp	38	7-A-125	328170-173X
230XDAJX-*3	250	Opp	44	7-A-032(P)	328481X	Furnished	230XDAJX-*3	250	Opp	44	7-A-125	328170-173X
230XKAJX-*3	250	Opp	59	7-A-032(P)	328481X	Furnished	230XKAJX-*3	250	Opp	59	7-A-125	328170-173X
230XQAJX-*3	250	Opp	79	7-A-032(P)	328481X	Furnished	230XQAJX-*3	250	Opp	79	7-A-125	328170-173X
230XUAJX-*3	225	Opp	126	7-A-032(P)	328481X	Furnished	230XUAJX-*3	225	Opp	126	7-A-125	328170-173X
236ZDAH-X*3 (7)	250	Opp	58		328564X	Furnished	236ZDAH-X*3 (7)	250	Opp	58	7-A-093	7170-3X
236ZKAHX-*3 (7)	250	Opp	74		328564X	Furnished	236ZKAHX-*3 (7)	250	Opp	74	7-A-093	7170-3X
236ZQAHX-*3 (7)	250	Opp	100		328564X	Furnished	236ZQAHX-*3 (7)	250	Opp	100	7-A-093	7170-3X
236ZUAHX-*3 (7)	225	Opp	115		328564X	Furnished	236ZUAHX-*3 (7)	225	Opp	115	7-A-093	7170-3X
885XBAHX-*3 (16)	500	Opp	38			Furnished						
885XGAHX-*3 (18)	500	Opp	49			Furnished						
885XJAHX-*3 (19)	500	Opp	57			Furnished						
885XMAHX-*3 (20)	500	Opp	67			Furnished						

Continued Next Page**CAUTION:** 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.**NOTE:** The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.**NOTE:** If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(2) Filler block furnished with P.T.O.
 (7) Input Gear Part No. 5-P-1004
 (10) Input Gear Part No. 5-P-1322
 (11) Input Gear Part No. 5-P-285
 (12) Input Gear Part No. 5-P-325
 (13) Input Gear Part No. 5-P-283

(14) Input Gear Part No. 5-P-721
 (15) Input Gear Part No. 5-P-1395
 (16) Input Gear Part No. 5-P-1100
 (17) Input Gear Part No. 5-P-1101
 (18) Input Gear Part No. 5-P-1135
 (19) Input Gear Part No. 5-P-1102

(20) Input Gear Part No. 5-P-1103
 (21) Input Gear Part No. 5-P-1385
 (22) Input Gear Part No. 5-P-1104
 (23) Input Gear Part No. 5-P-1105

January 2008

1107-2A

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8170" (20.7518MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9760" (24.7904MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - FORWARD & REVERSE

340SFAHX-*5 (24)	200	Opp	48	51	7-A-140(T)(2) 7-A-062(P)	310778X	Furnished	340XFAHX-*5 (24)	200	Opp	48	51	7-A-140 (2) 7-A-240		Furnished
352ZSAHX-*3 (7)	140	Opp	108	140		328564X	Furnished	352XSAHX-*3 (7)	140	Opp	108	140	7-A-093		7170-3X
863XBAHX-*5	500	Opp	38	47			Furnished								

ONE SPEED - DUAL SHAFT

452ZSAHX-*3 (7)	140	Opp	108			328564X	Furnished	452XSAHX-*3 (7)	140	Opp	108		7-A-093		7170-3X
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GEARED ADAPTERS

628XAHX-3AH					8-A-032		Furnished	626KAHX-3AH					7-A-093		7170-3X
								630KAHX-3AH					7-A-093		7170-3X
								645KAHX-3AH					7-A-093		7170-3X

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.**NOTE:** The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.**NOTE:** If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(2) Filler block furnished with P.T.O.
 (7) Input Gear Part No. 5-P-1004
 (24) Input Gear Part No. 5-P-581

January 2008

1107-2A PS145-7A
 1372-A
 1374-A
 PS110-7A
 PS140-7A

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 6-Bolt Opening Gear FORWARD of Centerline

43 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9900" (25.1500MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

43 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.9900" (25.1500MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRABX-*3 (1)	125	Eng	90				Furnished	100XRABX-*3 (1)	125	Opp	90		7-A-2000(T)	328530-2X	7170-50X
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCABX-*3	250	Opp	42				Furnished	221XCABX-*3	250	Opp	42				Furnished
221XEABX-*3	250	Opp	46				Furnished	221XEABX-*3	250	Opp	46				Furnished
221XLABX-*3	200	Opp	62				Furnished	221XLABX-*3	200	Opp	62				Furnished
221XPABX-*3	200	Opp	75				Furnished	221XPABX-*3	200	Opp	75				Furnished
442XAABX-*3 (2)	250	Opp	34				Furnished	442XAABX-*3 (2)	250	Opp	34				Furnished
442XCABX-*3 (3)	250	Opp	44				Furnished	442XCABX-*3 (3)	250	Opp	44				Furnished
442XFABX-*3 (4)	250	Opp	54				Furnished	442XFABX-*3 (4)	250	Opp	54				Furnished
442XLABX-*3 (5)	250	Opp	70				Furnished	442XLABX-*3 (5)	250	Opp	70				Furnished
442XQABX-*3 (5)	225	Opp	75				Furnished	442XQABX-*3 (5)	225	Opp	75				Furnished
442XRABX-*3 (5)	225	Opp	87				Furnished	442XRABX-*3 (5)	225	Opp	87				Furnished
442XSABX-*3 (5)	200	Opp	104				Furnished	442XSABX-*3 (5)	200	Opp	104				Furnished
442XUABX-*3 (5)	195	Opp	124				Furnished	442XUABX-*3 (5)	195	Opp	124				Furnished
442XWABX-*3 (5)	175	Opp	145				Furnished	442XWABX-*3 (5)	175	Opp	145				Furnished
442XXABX-*3 (5)	140	Opp	172				Furnished	442XXABX-*3 (5)	140	Opp	172				Furnished

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

236XDABX-*3 (5)	250	Opp	57				Furnished	236XDABX-*3 (5)	250	Opp	57				Furnished
236XKABX-*3 (5)	250	Opp	72				Furnished	236XKABX-*3 (5)	250	Opp	72				Furnished
236XQABX-*3 (5)	250	Opp	97				Furnished	236XQABX-*3 (5)	250	Opp	97				Furnished
236XUABX-*3 (5)	225	Opp	112				Furnished	236XUABX-*3 (5)	225	Opp	112				Furnished

ONE SPEED - FORWARD & REVERSE

340XFABX-*5 (6)	200	Opp	49	52	7-A-140 (7)		Furnished	340XFABX-*5 (6)	200	Opp	49	52	7-A-140 (7)		Furnished
352XSABX-*3 (5)	140	Opp	105	136			Furnished	352XSABX-*3 (5)	140	Opp	105	136			Furnished

ONE SPEED - DUAL SHAFT

452XSABX-*3 (5)	140	Opp	105				Furnished	452XSABX-*3 (5)	140	Opp	105				Furnished
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GEARED ADAPTERS

626XABX-3AB							Furnished	626XABX-3AB							Furnished
630XABX-3AB							Furnished	630XABX-3AB							Furnished
645XABX-3AB							Furnished	645XABX-3AB							Furnished

(1) Gear and Shaft Kit No. KXA-2-P-563

(2) Input Gear Part No. 5-P-1279

(3) Input Gear Part No. 5-P-1286

(4) Input Gear Part No. 5-P-1076

(5) Input Gear Part No. 5-P-1001

(6) Input Gear Part No. 5-P-579

(7) Filler block furnished with P.T.O.

1310-2A
1310-4A
PS130-10A
PS130-12A
PS85-14-4L

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7070" (17.9600MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8630" (21.9200MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	90		7-A-062(P)	328481X	7170-10X	100XRAHX-*3 (1)	125	Eng	90		7-A-200		7170-11X
812XKAHX-*3	400	Eng	60		8-A-062		Furnished								

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XCAHX-*3	250	Opp	40		7-A-032 (2)	310778X	Furnished	221XCAHX-*3	250	Opp	40		7-A-240		328170-102X
													7-A-032 (2)		
221XEAHX-*3	250	Opp	46		7-A-062(P)	328481X	Furnished	221XEAHX-*3	250	Opp	46		7-A-187		328170-93X
221XLAHX-*3	200	Opp	62		7-A-062(P)	328481X	Furnished	221XLAHX-*3	200	Opp	62		7-A-187		328170-93X
221XPAHX-*3	200	Opp	75		7-A-062(P)	328481X	Furnished	221XPAHX-*3	200	Opp	75		7-A-187		328170-93X
442XAAHX-*3 (3)	250	Opp	35		7-A-062(P)	328481X	Furnished	442XAAHX-*3 (3)	250	Opp	35		7-A-187		7170-3X
442XCAHX-*3 (4)	250	Opp	45		7-A-062(P)	328481X	Furnished	442XCAHX-*3 (4)	250	Opp	45		7-A-187		7170-3X
442XFAHX-*3 (5)	250	Opp	56		7-A-062(P)	328481X	Furnished	442XFAHX-*3 (5)	250	Opp	56		7-A-187		7170-3X
442XHAHX-*3 (6)	250	Opp	65		7-A-062(P)	328481X	Furnished	442XHAHX-*3 (6)	250	Opp	65		7-A-187		7170-3X
442XLAHX-*3 (7)	250	Opp	72		7-A-062(P)	328481X	Furnished	442XLAHX-*3 (7)	250	Opp	72		7-A-187		7170-3X
442XQAHX-*3 (7)	225	Opp	78		7-A-062(P)	328481X	Furnished	442XQAHX-*3 (7)	225	Opp	78		7-A-187		7170-3X
442XRAHX-*3 (7)	225	Opp	90		7-A-062(P)	328481X	Furnished	442XRAHX-*3 (7)	225	Opp	90		7-A-187		7170-3X
442XSAHX-*3 (7)	200	Opp	107		7-A-062(P)	328481X	Furnished	442XSAHX-*3 (7)	200	Opp	107		7-A-187		7170-3X
442XUAHX-*3 (7)	195	Opp	128		7-A-062(P)	328481X	Furnished	442XUAHX-*3 (7)	195	Opp	128		7-A-187		7170-3X
442XWAHX-*3 (7)	175	Opp	151		7-A-062(P)	328481X	Furnished	442XWAHX-*3 (7)	175	Opp	151		7-A-187		7170-3X
442XXAHX-*3 (7)	140	Opp	178		7-A-062(P)	328481X	Furnished	442XXAHX-*3 (7)	140	Opp	178		7-A-187		7170-3X
489XAAHX-*3 (3)	250	Opp	35		8-A-062		328170-190X	660KFAHX-*3 (8)	375	Opp	56		7-A-187		7170-3X
489XCAHX-*3 (4)	250	Opp	45		8-A-062		328170-190X	660KQAHX-*3 (9)	375	Opp	78		7-A-187		7170-3X
489XFAHX-*3 (5)	250	Opp	56		8-A-062		328170-190X	660KSAHX-*3 (10)	325	Opp	107		7-A-187		7170-3X
489XHAHX-*3 (6)	250	Opp	65		8-A-062		328170-190X								
489XLAHX-*3 (7)	250	Opp	72		8-A-062		328170-190X								
489XQAHX-*3 (7)	225	Opp	78		8-A-062		328170-190X								
489XRAHX-*3 (7)	225	Opp	90		8-A-062		328170-190X								
489XSAHX-*3 (7)	200	Opp	107		8-A-062		328170-190X								
489XUAHX-*3 (7)	195	Opp	128		8-A-062		328170-190X								
489XWAHX-*3 (7)	175	Opp	151		8-A-062		328170-190X								
489XXAHX-*3 (7)	140	Opp	178		8-A-062		328170-190X								
680XFAHX-*3 (8)	375	Opp	56		8-A-062		328170-190X								
680XQAHX-*3 (9)	375	Opp	78		8-A-062		328170-190X								
680XSAHX-*3 (10)	325	Opp	107		8-A-062		328170-190X								
823XBAHX-*3 (11)	500	Opp	38		8-A-062		328170-15X								

Continued Next Page

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: All speeds shown with low speed head set gear ratio based on 20:47 tooth count; for speeds with high speed head set ratio (28:51 tooth count), multiply speeds shown by 1.29.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565

(2) Filler block furnished with P.T.O. but not required

(3) Input Gear Part No. 5-P-1280

(4) Input Gear Part No. 5-P-1287

(5) Input Gear Part No. 5-P-1077

(6) Input Gear Part No. 5-P-1364

(7) Input Gear Part No. 5-P-1004

(8) Input Gear Part No. 5-P-1242

(9) Input Gear Part No. 5-P-1246

(10) Input Gear Part No. 5-P-1322

(11) Input Gear Part No. 5-P-285

January 2008

1310-2A
1310-4A
PS130-10A
PS130-12A
PS85-14-4L

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7070" (17.960MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8630" (21.920MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - TWO GEAR - MECHANICAL SHIFT

823XJAHX-*3 (12)	500	Opp	58		8-A-062		328170-15X								
823XMAHX-*3 (13)	500	Opp	68		8-A-062		328170-15X								
823XRAHX-*3 (14)	400	Opp	94		8-A-062		328170-15X								
880XBAHX-*3 (15)	500	Opp	38		8-A-062		328170-15X								
880XDAHX-*3 (16)	500	Opp	45		8-A-062		328170-15X								
880XGAHX-*3 (17)	500	Opp	49		8-A-062		328170-15X								
880XJAHX-*3 (18)	500	Opp	58		8-A-062		328170-15X								
880XMAHX-*3 (19)	500	Opp	68		8-A-062		328170-15X								
880XQAHX-*3 (20)	450	Opp	80		8-A-062		328170-15X								
880XRAHX-*3 (21)	400	Opp	94		8-A-062		328170-15X								
880XTAHX-*3 (22)	350	Opp	120		8-A-062		328170-15X								

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	29		7-A-093(P)	328481X	328170-173X	230XAAJX-*3	250	Opp	29		7-A-187		328170-175X
230XBAJX-*3	250	Opp	38		7-A-093(P)	328481X	328170-173X	230XBAJX-*3	250	Opp	38		7-A-187		328170-175X
230XDAJX-*3	250	Opp	44		7-A-093(P)	328481X	328170-173X	230XDAJX-*3	250	Opp	44		7-A-187		328170-175X
230XKAJX-*3	250	Opp	60		7-A-093(P)	328481X	328170-173X	230XKAJX-*3	250	Opp	60		7-A-187		328170-175X
230XQAJX-*3	250	Opp	80		7-A-093(P)	328481X	328170-173X	230XQAJX-*3	250	Opp	80		7-A-187		328170-175X
230XUAJX-*3	225	Opp	127		7-A-093(P)	328481X	328170-173X	230XUAJX-*3	225	Opp	127		7-A-187		328170-175X
236XDAHX-*3 (7)	250	Opp	58		7-A-062(P)	328481X	Furnished	236KDAHX-*3 (7)	250	Opp	58		7-A-187		7170-3X
236XKAHX-*3 (7)	250	Opp	75		7-A-062(P)	328481X	Furnished	236KKAHX-*3 (7)	250	Opp	75		7-A-187		7170-3X
236XQAHX-*3 (7)	250	Opp	101		7-A-062(P)	328481X	Furnished	236KQAHX-*3 (7)	250	Opp	101		7-A-187		7170-3X
236XUAHX-*3 (7)	225	Opp	116		7-A-062(P)	328481X	Furnished	236KUAHX-*3 (7)	225	Opp	116		7-A-187		7170-3X
885XBAHX-*3 (15)	500	Opp	38		8-A-062		328170-15X								
885XGAHX-*3 (17)	500	Opp	49		8-A-062		328170-15X								
885XJAHX-*3 (18)	500	Opp	58		8-A-062		328170-15X								
885XMAHX-*3 (19)	500	Opp	68		8-A-062		328170-15X								

ONE SPEED - FORWARD & REVERSE

352XSAHX-*3 (7)	140	Opp	109	141	7-A-062(P)	328481X	Furnished	352XSAHX-*3 (7)	140	Opp	109	141	7-A-187		7170-3X
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ONE SPEED - DUAL SHAFT

452XSAHX-*3 (7)	140	Opp	109		7-A-062(P)	328481X	Furnished	452XSAHX-*3 (7)	140	Opp	109		7-A-187		7170-3X
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CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: All speeds shown with low speed head set gear ratio based on 20:47 tooth count; for speeds with high speed head set ratio (28:51 tooth count), multiply speeds shown by 1.29.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(7) Input Gear Part No. 5-P-1004
(12) Input Gear Part No. 5-P-325
(13) Input Gear Part No. 5-P-283
(14) Input Gear Part No. 5-P-721
(15) Input Gear Part No. 5-P-1100
(16) Input Gear Part No. 5-P-1101

(17) Input Gear Part No. 5-P-1135
(18) Input Gear Part No. 5-P-1102
(19) Input Gear Part No. 5-P-1103
(20) Input Gear Part No. 5-P-1385
(21) Input Gear Part No. 5-P-1104
(22) Input Gear Part No. 5-P-1105

January 2008

1310-2A
1310-4A
PS130-10A
PS130-12A
PS85-14-4L

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 8-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.7070" (17.9600MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

51 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.8630" (21.9200MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

GEARED ADAPTERS

628XAHX-3AH	8-A-093	328170-190X	626KAHX-3AH	7-A-187	7170-3X
			630KAHX-3AH	7-A-187	7170-3X
			645KAHX-3AH	7-A-187	7170-3X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: All speeds shown with low speed head set gear ratio based on 20:47 tooth count; for speeds with high speed head set ratio (28:51 tooth count), multiply speeds shown by 1.29.

NOTE: The AK & XK output flanges can not be used with the "A" & "C" ratios on the 489 Series P.T.O.s due to mounting stud interference. Use a RA or RB rotatable flange for the XK and the RA for the AK flange.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

January 2008

1372-B
PS110-7B
PS125-7A
PS125-7B

BOTTOM SIDE ONLY

RIGHT SIDE ONLY

TRANSMISSION GEAR DATA:

BOT 6-Bolt Opening Gear FORWARD of Centerline

56 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6680" (16.9700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

56 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6680" (16.9700MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - SINGLE GEAR - MECHANICAL SHIFT

100XRAHX-*3 (1)	125	Eng	81		7-A-300		7170-12X	100XRAHX-*3 (1)	125	Eng	81		7-A-300		7170-12X
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ONE SPEED - TWO GEAR - MECHANICAL SHIFT

221XEAHX-*3	250	Opp	42		7-A-300		328170-102X	221XEAHX-*3	250	Opp	42		7-A-300		328170-102X
221XLAHX-*3	200	Opp	56		7-A-300		328170-102X	221XLAHX-*3	200	Opp	56		7-A-300		328170-102X
221XPAHX-*3	200	Opp	68		7-A-300		328170-102X	221XPAHX-*3	200	Opp	68		7-A-300		328170-102X
442KAAHX-*3 (2)	250	Opp	32		7-A-300		7170-4X	442KAAHX-*3 (2)	250	Opp	32		7-A-300		7170-4X
442KCAHX-*3 (3)	250	Opp	41		7-A-300		7170-4X	442KCAHX-*3 (3)	250	Opp	41		7-A-300		7170-4X
442KFAHX-*3 (4)	250	Opp	50		7-A-300		7170-4X	442KFAHX-*3 (4)	250	Opp	50		7-A-300		7170-4X
442KHAHX-*3 (5)	250	Opp	58		7-A-300		7170-4X	442KHAHX-*3 (5)	250	Opp	58		7-A-300		7170-4X
442KLAHX-*3 (6)	250	Opp	65		7-A-300		7170-4X	442KLAHX-*3 (6)	250	Opp	65		7-A-300		7170-4X
442KQAHX-*3 (6)	225	Opp	70		7-A-300		7170-4X	442KQAHX-*3 (6)	225	Opp	70		7-A-300		7170-4X
442KRAHX-*3 (6)	225	Opp	81		7-A-300		7170-4X	442KRAHX-*3 (6)	225	Opp	81		7-A-300		7170-4X
442KSAHX-*3 (6)	200	Opp	97		7-A-300		7170-4X	442KSAHX-*3 (6)	200	Opp	97		7-A-300		7170-4X
442KUAHX-*3 (6)	195	Opp	115		7-A-300		7170-4X	442KUAHX-*3 (6)	195	Opp	115		7-A-300		7170-4X
442KWAHX-*3 (6)	175	Opp	135		7-A-300		7170-4X	442KWAHX-*3 (6)	175	Opp	135		7-A-300		7170-4X
442KXAHX-*3 (6)	140	Opp	160		7-A-300		7170-4X	442KXAHX-*3 (6)	140	Opp	160		7-A-300		7170-4X
660KFAHX-*3 (7)	375	Opp	50		7-A-300		7170-4X	660KFAHX-*3 (7)	375	Opp	50		7-A-300		7170-4X
660KQAHX-*3 (8)	375	Opp	70		7-A-300		7170-4X	660KQAHX-*3 (8)	375	Opp	70		7-A-300		7170-4X
660KSAHX-*3 (9)	325	Opp	97		7-A-300		7170-4X	660KSAHX-*3 (9)	325	Opp	97		7-A-300		7170-4X

ONE SPEED - TWO GEAR - POWERSHIFT (AIR)

230XAAJX-*3	250	Opp	26		7-A-300		328170-174X	230XAAJX-*3	250	Opp	26		7-A-300		328170-174X
230XBAJX-*3	250	Opp	34		7-A-300		328170-174X	230XBAJX-*3	250	Opp	34		7-A-300		328170-174X
230XDAJX-*3	250	Opp	40		7-A-300		328170-174X	230XDAJX-*3	250	Opp	40		7-A-300		328170-174X
230XKAJX-*3	250	Opp	54		7-A-300		328170-174X	230XKAJX-*3	250	Opp	54		7-A-300		328170-174X
230XQAJX-*3	250	Opp	72		7-A-300		328170-174X	230XQAJX-*3	250	Opp	72		7-A-300		328170-174X
230XUAJX-*3	225	Opp	115		7-A-300		328170-174X	230XUAJX-*3	225	Opp	115		7-A-300		328170-174X
236KDAHX-*3 (6)	250	Opp	53		7-A-300		7170-4X	236KDAHX-*3 (6)	250	Opp	53		7-A-300		7170-4X
236KKAHX-*3 (6)	250	Opp	67		7-A-300		7170-4X	236KKAHX-*3 (6)	250	Opp	67		7-A-300		7170-4X
236KQAHX-*3 (6)	250	Opp	91		7-A-300		7170-4X	236KQAHX-*3 (6)	250	Opp	91		7-A-300		7170-4X
236KUAHX-*3 (6)	225	Opp	104		7-A-300		7170-4X	236KUAHX-*3 (6)	225	Opp	104		7-A-300		7170-4X

ONE SPEED - FORWARD & REVERSE

352XSAHX-*3 (6)	140	Opp	98	127	7-A-300		7170-4X	352XSAHX-*3 (6)	140	Opp	98	127	7-A-300		7170-4X
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CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Chelsea P.T.O. Models 322 and 340 cannot be mounted on this transmission because transmission driver gear does not mesh completely with P.T.O. input gear.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(1) Gear and Shaft Kit No. KXA-2-P-565
(2) Input Gear Part No. 5-P-1280
(3) Input Gear Part No. 5-P-1287
(4) Input Gear Part No. 5-P-1077
(5) Input Gear Part No. 5-P-1364
(6) Input Gear Part No. 5-P-1004

(7) Input Gear Part No. 5-P-1242
(8) Input Gear Part No. 5-P-1246
(9) Input Gear Part No. 5-P-1322

January 2008

1372-B
PS110-7B
PS125-7A
PS125-7B

BOTTOM SIDE ONLY**RIGHT SIDE ONLY****TRANSMISSION GEAR DATA:**

BOT 6-Bolt Opening Gear FORWARD of Centerline

56 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6680" (16.9700MM)

TRANSMISSION GEAR DATA:

R.H. 6-Bolt Opening Gear FORWARD of Centerline

56 Teeth - SPUR

PITCH LINE TO APERTURE FACE:

.6680" (16.9700MM)

Caution: Application Approval Required for P.T.O. Output Shaft Speeds Above 2500 R.P.M.

BOTTOM Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit	RIGHT Side P.T.O. Model	Inter. Torq.	Dir. Rot.	Engine %		Filler Block	Adapter Assy.	Stud Kit
			Hi	Rev							Hi	Rev			

ONE SPEED - DUAL SHAFT

452XSAHX-*3 (6)	140	Opp	98		7-A-300		7170-4X	452XSAHX-*3 (6)	140	Opp	98		7-A-300		7170-4X
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GEARED ADAPTERS

626KAHX-3AH					7-A-300		7170-4X	626KAHX-3AH					7-A-300		7170-4X
630KAHX-3AH					7-A-300		7170-4X	630KAHX-3AH					7-A-300		7170-4X
645KAHX-3AH					7-A-300		7170-4X	645KAHX-3AH					7-A-300		7170-4X

CAUTION: Do not use geared adapters with 442 "A" and "C" ratios.

CAUTION: 660/680 Series: Applications above 1500 RPM output shaft speed, contact Chelsea Technical Service for approval.

NOTE: Chelsea P.T.O. Models 322 and 340 cannot be mounted on this transmission because transmission driver gear does not mesh completely with P.T.O. input gear.

NOTE: If Ordering the 230/231 Series with the Shaft Brake Option, order the "BA" Output for Automatic Transmissions and the "BD" Output for Manual Transmissions.

(6) Input Gear Part No. 5-P-1004

January 2008