



Bulletin No. SPTP002-0306
AMO1750-4
March 2006

AMO1750-4 Series Auxiliary Transmission and Power Tower



Parts Catalog

INCLUDES:
APO1750-4
APO1000-4

For parts or service call us
Pro Gear & Transmission, Inc.



1 (877) 776-4600

(407) 872-1901

parts@eprogear.com

906 W. Gore St.

Orlando, FL 32805



Content, Ratio Table & Identification

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RATIO TABLE

SPEEDS	MODELS			
	AMO1000-4C AMO1750-4C	AMO1000-4D AMO1750-4D	APO1000-4C APO1750-4C	APO1000-4D APO1750-4D
1st	2.37	1.59	2.37	1.59
2nd	1.24	1.24	1.24	1.24
Direct	1.00	1.00	1.00	1.00
Overdrive	.812	.812	.812	.812
Shift Plate	NP-142	NP-142	NP-119	NP-119

IDENTIFICATION

The Name Plate (NP-96) affixed to the REAR of the transmission is stamped with information:

In requesting more information on these transmissions,
Please furnish this information

SERIAL

B/M No.

MODEL

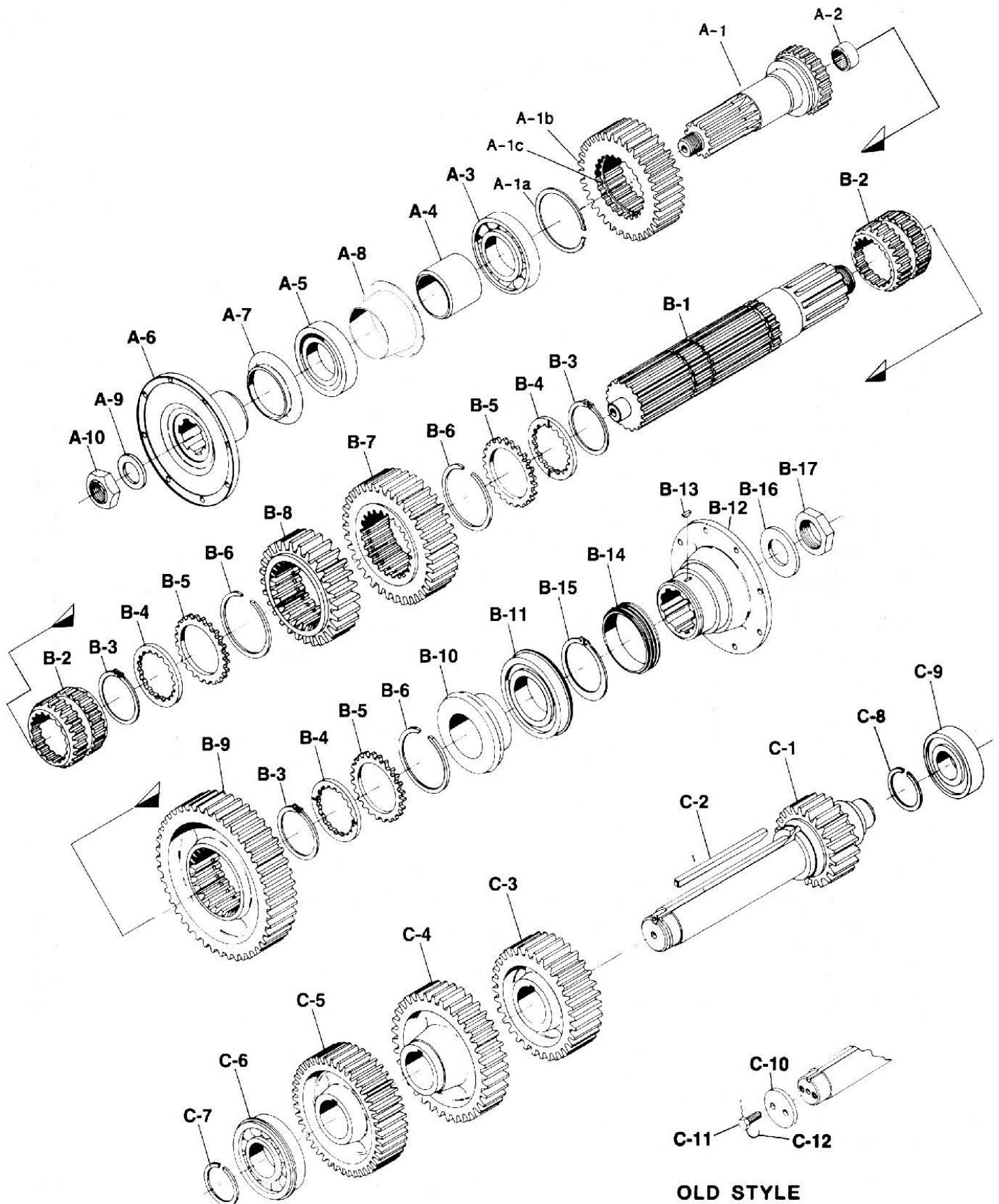
Abbreviations used in this parts list include:

A.R. - As Required

N.S. - Not Shown

N.S.S. - Not Sold Separately

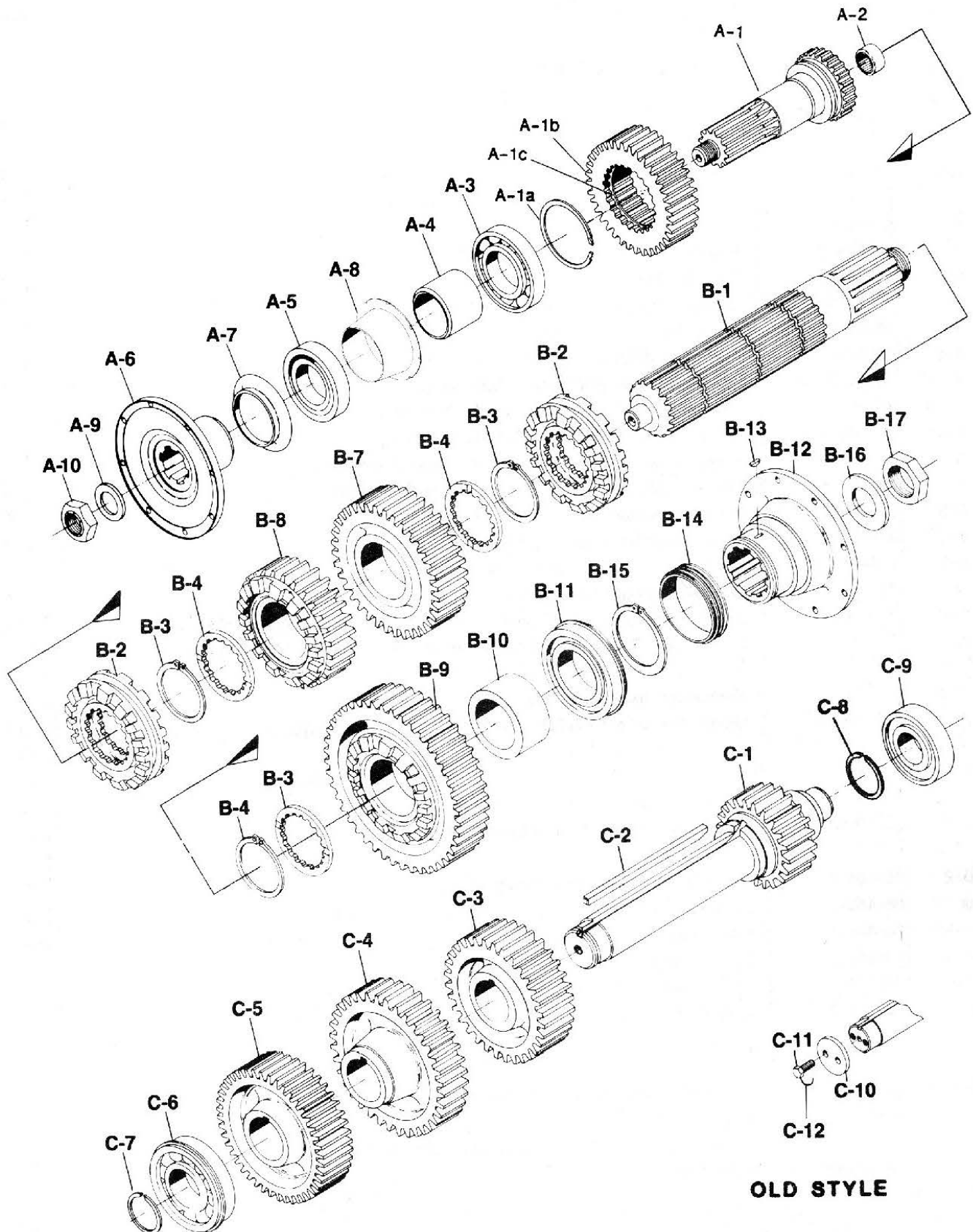
"PARTS LISTED IN THIS CATALOG MAY NO LONGER BE AVAILABLE, USE WITH TRANSMISSION SUPERSEDING LIST."



OLD STYLE

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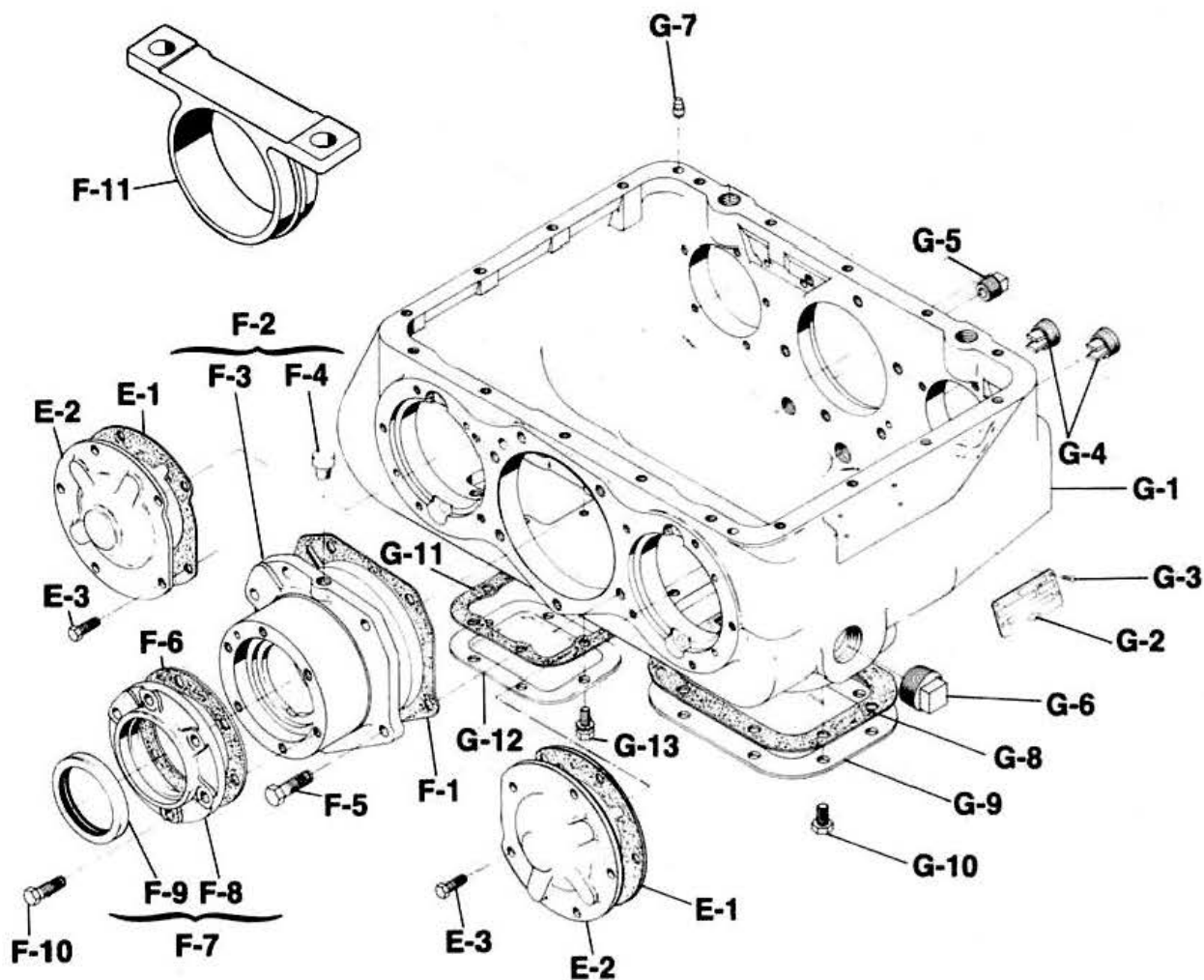
Ref.No.	Part Number	Part Description	Qty.
		Drive Gear Group - Input	1
A-1	98-35-5-1X	Input Shaft - (2.594-20T spline)(2) piece D/G) Model AMO/APO1000-4 &1750-4	1
A-1a	98-381-6	Snap Ring - External Model AMO1000-4 &1750-4	1
A-1b	99-35-1-1X	Drive Gear - (38T) (2) piece D/G) Models AMO1000-4 &1750-4	1
or	99-35-2-1X	Drive Gear - (38T) (2) piece D/G) Model APO1750-4	1
A-1c	97-381-32	Snap Ring - Internal Model AMO/APO1000-4 &1750-4	1
A-2	550889	Bearing - Drive Gear Pocket	1
A-3	550981	Bearing - Input Shaft Rear Models AMO/AP01000-4 &1750-4	1
A-4	98-37-9	Spacer - (used with (2) piece D/G) Models AMO/AP01000-4 &1750-4	1
A-5	313747X	Bearing - Input Shaft Front Models AMO/APO1000-4 &1750-4	1
A-6	See Tab Bills	Companion Flange or End Yoke - Front	1
A-7	231745	Slinger - Oil (used with (2)pc. D/G) Models AMO/APO1000-4 &1750-4	1
A-8	98-468-2	Baffle - Breather (used with (2)pc. D/G. - A.S.S.N. 2821901	1
A-9	330734	Washer - 1 25/32" ID (used with (2)pc. D/G) Models AMO/APO1000-4 &1750-4	1
A-10	545047	Nut - 1 3/4"-12 hex head (used with (2)pc. D/G) Models AMO/APO1000-4 &1750-4	1
		Mainshaft Group - Output	
B-1	98-362-3	Mainshaft Models AMO/APO1000-4 &1750-4	1
or	98-362-2	Mainshaft Models APO1000-4 & APO1750-4	1
B-2	98-465-4	Clutch Collar Models AMO1000-4 &1750-4	2
or	98-465-2	Clutch Collar (Curvic Teeth) Models APO1000-4 &1750-4	2
B-3	98-381-1	Snap Ring - External	3
B-4	330869	Thrust Washer - Internal Splined (18T)	3
B-5	330810	Thrust Washer - External Splined (24T) Models AMO/APO1000-4 &1750-4	3
B-6	98-381-2	Snap Ring - Internal AMO1000-4 & AMO1750-4	3

A.S.S.N. - After Starting Serial Number

Manual/Air-Matic Shift

Ref.No.	Part Number	Part Description	Qty.
B-7	99-8-1	Gear - Mainshaft 2nd speed (34T) (Models AMO1000-4 & 1750-4)	1
or	99-8-5	Gear - Mainshaft 2nd speed (34T) (Models APO1000-4 & 1750-4)	1
B-8	99-8-3	Gear - Mainshaft 4th speed (28T) Overdrive (Models AMO1000-4 & 1750-4)	1
or	99-8-6-1X	Gear - Mainshaft Overdrive (28T)(Curvic Teeth) (Models APO100-4 & 1750-4)	1
N.S.	98-37-7	Mainshaft Overdrive Lock-out	1
B-9	99-8-8	Mainshaft 1st speed (44T) (AMO1000-4C & 1750-4C)	1
or	99-8-4	Gear-Mainshaft 1st speed (44T) (APO1000-4C & 1750-4C)	1
or	99-8-2	Gear - Mainshaft 1st speed (38T) (AMO1000-4D & 1750-4D)	1
or	99-8-7	Gear - Mainshaft 1st speed (38T) (APO1000-4D & 1750-4D)	1
B-10	98-37-2	Spacer-Mainshaft 1st speed Gear (AMO1000-4 & 1750-4)	1
or	98-37-6	Spacer - Mainshaft 1st speed Gear (APO1000-4 & 1750-4)	1
B-11	550925	Bearing - Mainshaft rear	1
B-12	See Tab Bills	Companion Flange or End Yoke - Rear	1
B-13	500007-9	Key - #3 Woodruff (1/8"x1/2") (for Speedo Drive Gear)	1
B-14	98-452-1	Gear - Speedometer Drive (4T) (Mechanical)	1
or	98-452-2	Gear - Speedometer Signal (16 grooves) (Electronic)	1
B-15	97-381-6	Snap Ring - Speedometer Drive or Signal Gear	1
B-16	330734	Washer - 1 25/32" ID	1
B-17	545047	Nut - 1 3/4"-12 hex head self-locking	1
		Countershaft Group	2
C-1	99-30-1-1X	Countershaft (21T)(incl. Snap Ring 97-381-30) (AMO1000-4C & 1750-4)	2
or	99-30-2-1X	Countershaft (27T) (incl. Snap Ring 97-381-30) (AMO1000-4D, 1750D)	2
C-2	98-210-2	Key-Square	2
C-3	99-196-1	Gear - 2nd speed C/S (31 T)	2
C-4	99-196-2	Gear - 4th speed C/S (39T) Overdrive	2
C-5	99-1-1	Gear - C/S Drive (43T)	2
C-6	550952	Bearing - C/S front	2
C-7	97-381-30	Snap Ring - Bearing retaining	2
C-8	97-381-34	Ring - spacer C/S rear bearing (Right Hand side)	1
C-9	550720	Bearing - C/S rear	2
C-10	636-W	Washer - C/S bearing retaining	2
C-11	747-D	Bolt - 1/2" -20 x 1 1/8"	4
C-12	LW-1	Lockwire	A/R

N.S. - Not Shown



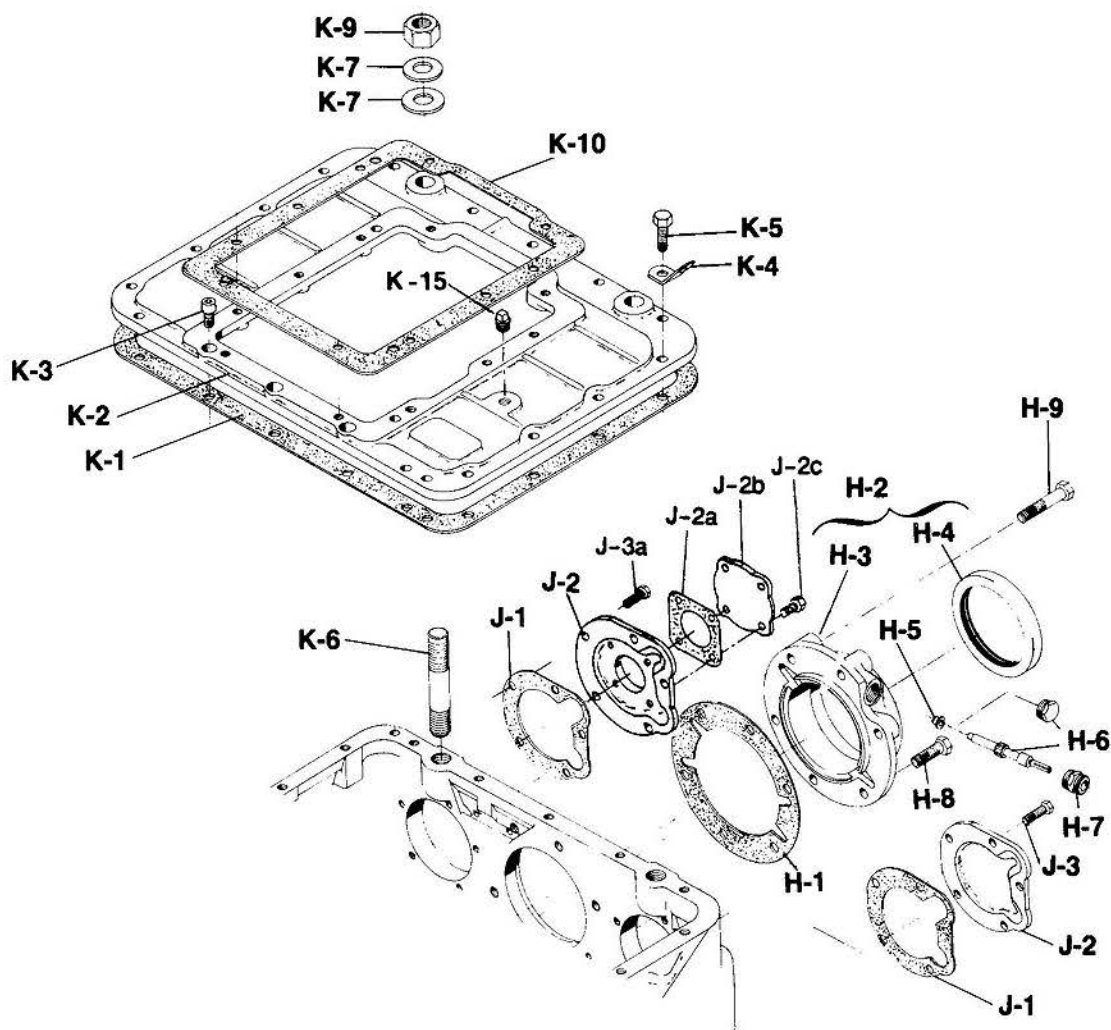
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Ref.No.	Part Number	Part Description	Qty.
E-1	98-223-5	Gasket	2
E-2	98-22-1	Cap	2
E-3	545002-4	Bolt - 3/8"-16 x 1 1/8" hex head self-locking	10
Drive Gear Bearing Cap and Retainer Group			
F-1	98-223-1	Gasket - Drive Gear Bearing Retainer	1
F-2	98-360-3-1 X	Retainer Assembly (used with (1) pc. Drive Gear)	1
or	98-360-4-1X	Retainer Assembly (used with (2) pc. Drive Gear) (Includes F-1, F-4 and F-6)	1
F-3	N.S.S.	Retainer	1
F-4	4328X	Breather	1
N.S.	500113-3	Plug-Breather hole, Shifter Hsg. (See Ref. No. K-11)	1
N.S.	500112	Plug-Breather hole, Top Mount	1
F-5	545001-3	Bolt - 1/2"-13 x 1 3/4" hex head self-locking	6
F-6	70-223-14	Gasket - Front Bearing Cap	1
F-7	311726X	Cap Assembly (Includes F-8 and F-9)	1
F-8	70-19-39	Cap	1
F-9	82-463-4	Oil Seal	1
F-10	545028-2	Bolt - 7/16"-14 x 1 1/2" hex head self-locking	6
F-11	70-410-2	Trunnion	1
Case Group			
	98-15-1-IX	Case Assembly (Includes G-1 thru G-7)	1
G-1	N.S.S.	Case	1
G-2	NP-96	Nameplate	1
G-3	252-SP	Pin - Nameplate	4
G-4	62-39-4	Drain and Oil line Plug	2
G-5	500114	Plug - 1/2"-14NPTF Thermocouple	1
G-6	50-39-20	Plug - Magnetic Filler	1
G-7	274-SP	Dowel Pin	2
G-8	97-324-2	Gasket - 8 Bolt PTO opening	1
G-9	73-267-1	Cover - 8 Bolt PTO opening	1
G-10	545012	Bolt - 7/16"-14 x 3/4" flanged head self-locking	8
G-11	97-324-1	Gasket - 6 Bolt PTO opening	1
G-12	50-267-2	Cover - 6 Bolt PTO opening	1
G-13	330800	Bolt - 3/8"-16 x 3/4" flanged head self-locking	6

N.S. - Not Shown

N.S.S. - Not Sold Separately



Rear Anchor Stud Chart

Ref.No	Part Number	Part Description	Qty
K-6	330812	Stud - 7/8" -14 & 7/8" -9 x 5 1/4" rear anchor.....	2
or	330812-1	Stud - 7/8" -14 & 7/8" -9 x 5 3/4" rear anchor.....	2
or	330812-2	Stud - 7/8" -14 & 7/8" -9 x 4 1/8" rear anchor.....	2
or	330812-3	Stud - 7/8" -14 & 7/8" -9 x 4 7/16" rear anchor.....	2
or	330812-4	Stud - 7/8" -14 & 7/8" -9 x 6 3/4" rear anchor.....	2
or	330812-5	Stud - 7/8" -14 & 7/8" -9 x 5" rear anchor.....	2
or	330812-7	Stud - 7/8" -14 & 7/8" -9 x 6" rear anchor.....	2
or	330812-8	Stud - 7/8" -14 & 7/8" -9 x 5 3/4" rear anchor (longer thd. on mntg. end).....	2
or	330812-9	Stud - 7/8" -14 & 7/8" -9 x 6 1/4" rear anchor.....	2

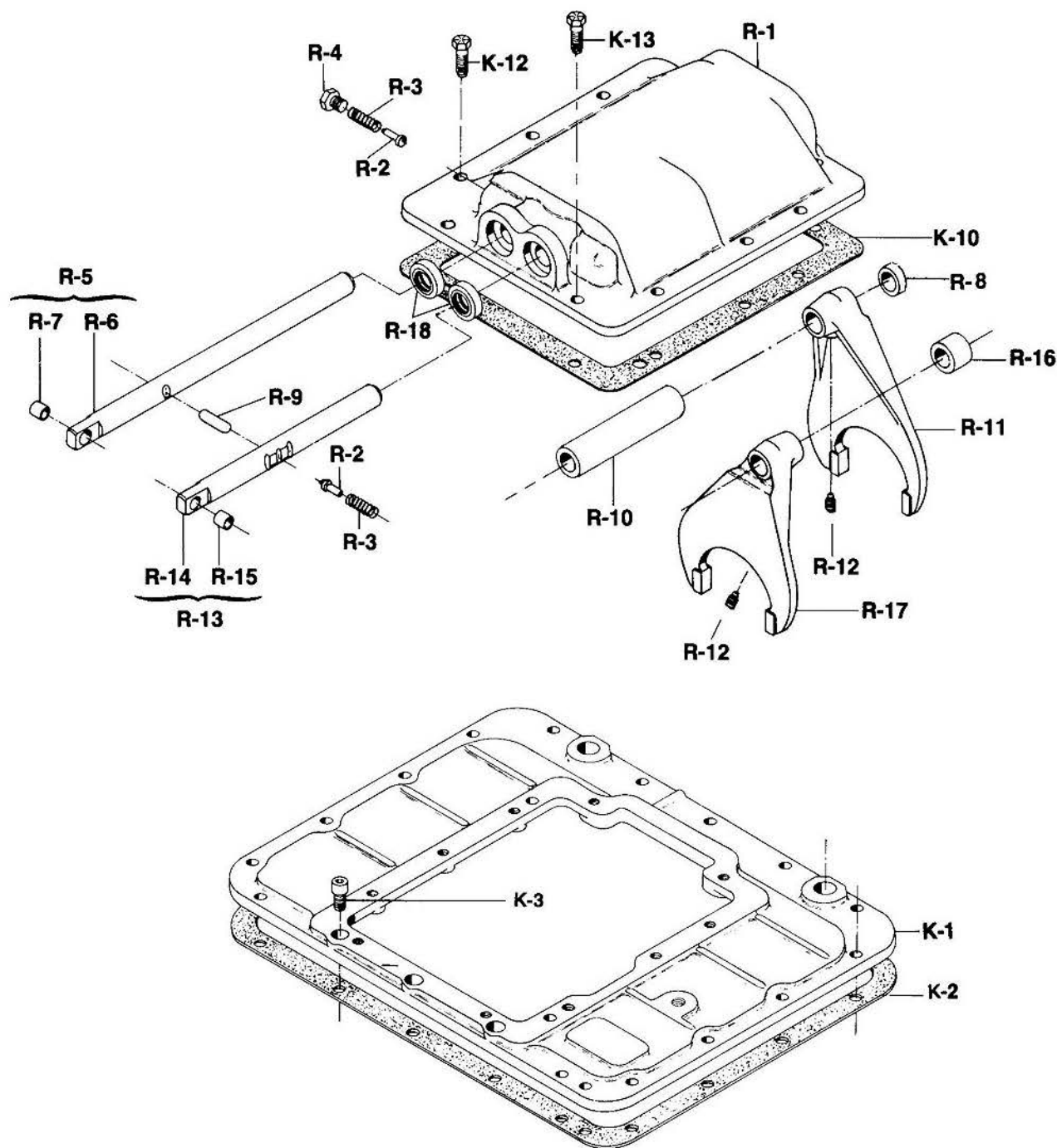
Ref.No.	Part Number	Part Description	Qty.
Mainshaft Rear Bearing Cap Group - For Gear Driven Speedometer			1
H-1	98-223-2	Gasket	1
H-2	98-19-1-2X	Bearing Cap Sub-assy. (Includes H-3, H-4 and H-5)	1
H-3	N.S.S.	Bearing Cap	1
H-4	98-463-1	Oil Seal	1
H-5	60-475-1	Speedometer Bushing	1
H-6	98-453-1	Gear - Speedometer Driven (12T)	1
or	55-334-1	Plug (used without Speedometer driven gear)	1
H-7	98-454-1-1X	Sleeve and Seal Assembly - Speedometer Driven Gear (Includes 98-463-2 Oil Seal)	1
N.S.	44-539-1	Dust Cap	1
H-8	545001-4	Bolt - 1/2"-13 x 1 1/2" hex head self-locking	4
And			
H-9	545001-9	Bolt - 1/2"-13 x 2 5/8" hex head self-locking	2
Mainshaft Rear Bearing Cap Group - For Bectronic Speedometer			
H-1	98-223-2	Gasket	1
H-2	98-19-5-1X	Bearing Cap Sub-assembly (Includes H-3,H-4,H-5,55-334-1 & 545021)	1
H-3	N.S.S.	BearingCap	1
H-4	98-463-1	Oil Seal	1
H-5	60-475-1	Speedometer Bushing	1
N.S.	55-334-1	Plug - Speedo outlet	1
N.S.	545021	Plug - Electronic Speedo/Cruise	4
And			
H-9	545001-9	Bolt - 1/2"-13 x 2 5/8" hex head self-locking	2
Countershaft Rear Bearing Cap Group			
J-1	98-223-4	Gasket - Right and Left side	2
J-2	98-22-3	Cap - Left side	1
and	98-22-5	Cap - Right side	1
J-2a	70-223-25	Gasket - Countershaft Plate	1
J-2b	98-20-2	Plate - Oil Pump opening	1
J-2c	545005-2	Screw - Oil Pump Plate (5/16"-18 x 3/4")	4
J-3	545002-4	Bolt - 3/8"-16 x 1 1/8" hex head self-locking	5
J-3a	545002-6	Bolt - 3/8"-16 x 1 3/8" hex head self-locking (for right side Cap)	5
Adapter Plate Group			
K-1	98-155-1	Gasket - Adapter Plate or Shifter Housing	1
K-2	98-215-3	Adapter Plate	1
K-3	545094	Bolt - 7/16"-14 x 7/8" socket head self-locking	3
K-4	330564-2	Lift Hook	2
K-5	545028	Bolt - 7/16"-14 x 1 1/4" hex head self-locking	15
K-6	See Chart	Stud - Rear Anchor	2
K-7	16-W	Washer - 7/8" ID case rear anchor stud spacer	4
K-9	500371-9	Nut - 7/8-14 hex	2
K-10	70-155-4	Gasket - Shifter Housing and PTO	1
K-15	500114	Plug - Oil Cooler return hole	1

N.S. - Not Shown

N.S.S. - Not Sold Separately

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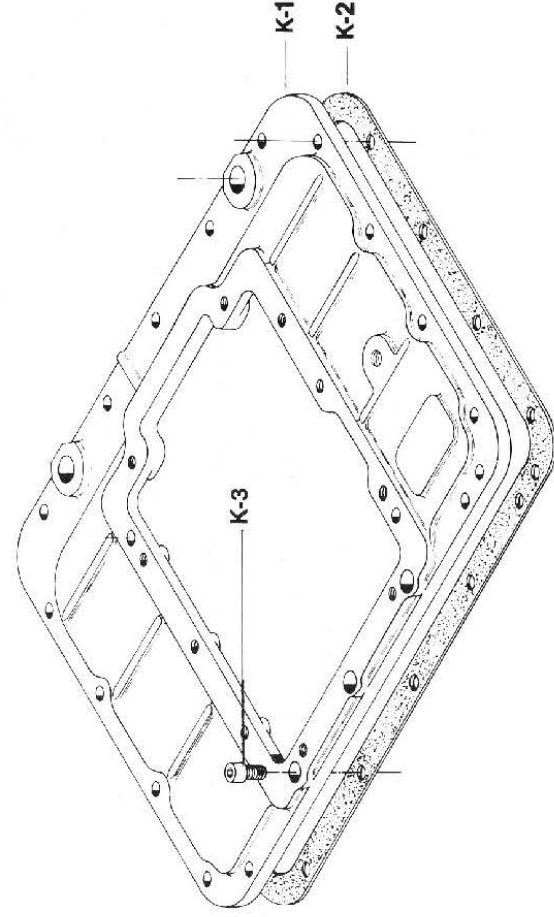
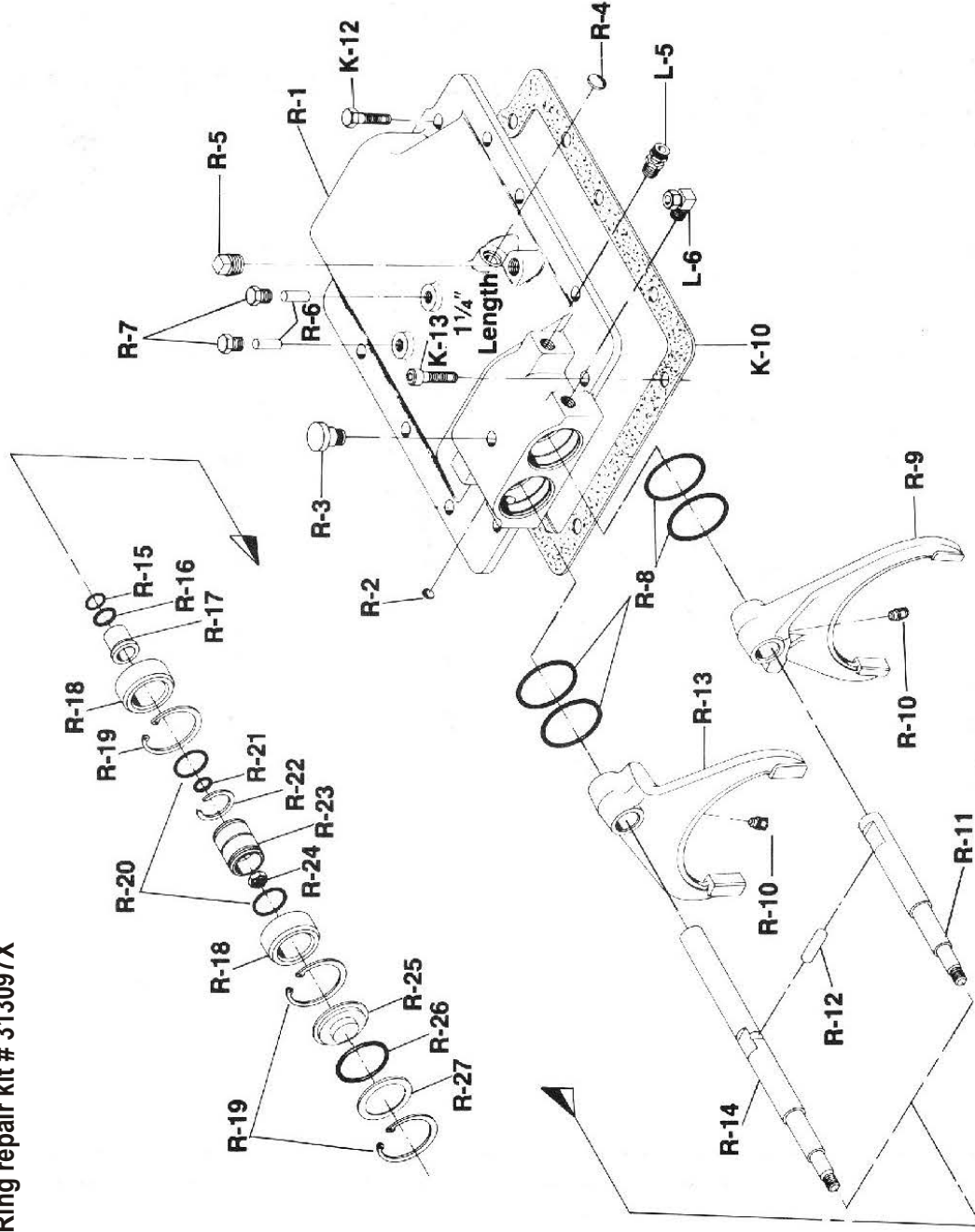
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Ref.No.	Part Number	Part Description	70-16-10					
			-7X	-8X	-11X	12X	-13X	-14X
	See Tab Bills	Shifter Housing Assembly	1	1	1	1	1	1
R-1	70-16-10	Shifter Housing	1	1	1	1	1	1
R-2	97-438-34	Poppet - Shift Rod	2	2	2	2	2	2
R-3	97-72-38	Spring - Shift Rod Poppet	2	2	2	2	2	2
R-4	59-3	Plug-poppet hole screw (1/2"-20)	1	1	1	1	1	1
R-5	98-67-14-1X	Shift Rod and Bushing Assembly - 1st and 2nd speed (includes R-6 & R-7)	1	1	1	1	1	1
R-6	N.S.S.	Shift Rod	1	1	1	1	1	1
R-7	71-24-14	Bushing	1	1	1	1	1	1
R-8	203-9	Sleeve-1st Speed lockout				1	1	
R-9	70-12-1	Interloc	1	1	1	1	1	1
R-10	70-203-2	Sleeve - 2nd speed stop (5 7/8" long)	1	1	1	1	1	1
R-11	98-66-12	Shift Fork-1st and 2nd speed	1	1	1	1	1	1
R-12	545063	Screw - 7/16"-20 x .750" alien head self-locking	2	2	2	2	2	2
R-13	98-67-15-1X	Shift Rod & Bushing Assembly - 3rd and 4th speed	1	1	1	1	1	1
R-14	N.S.S.	Shift Rod (includes R-14 & R-15)	1	1	1	1	1	1
R-15	71-24-14	Bushing	1	1	1	1	1	1
R-16	72-203-5	Sleeve - Overdrive lockout - length 21/32"		1		1		1
R-17	98-66-12	Shift Fork - 3rd and 4th speed	1	1	1	1	1	1
R-18	61-463-4	Oil Seal - Shift Rod	2	2	2	2	2	2
K-1	98-215-3	Adapter Plate	1	1				
K-10	70-155-4	Gasket - Shifter Housing	1	1				
K-12	545028-4	Screw - 7/16"-14x 1.00" hex head self-locking	8	8				
K-13	545028-5	Screw - 7/16"-14x 1 1/8" hex head self-locking (used in right and left front hole as shown)	2	2				
K-2	98-155-1	Gasket - Adapter Plate to aux						
PARTS LISTED BELOW ARE NOT INCLUDED IN ASSEMBLY								
K-10	70-155-4	Gasket - Shifter Housing			1	1	1	1
K-12	545028-4	Screw - 7/16"- 14x 1.00" hex head self-locking			8	8	8	8
K-13	545028-5	Screw - 7/16"-14x 1 1/8" hex head self-locking (used in right and left front hole as shown)			2	2	2	2

N.S.S. - Not Sold Separately

Air-Matic Shift

"O" Ring repair kit # 313097X



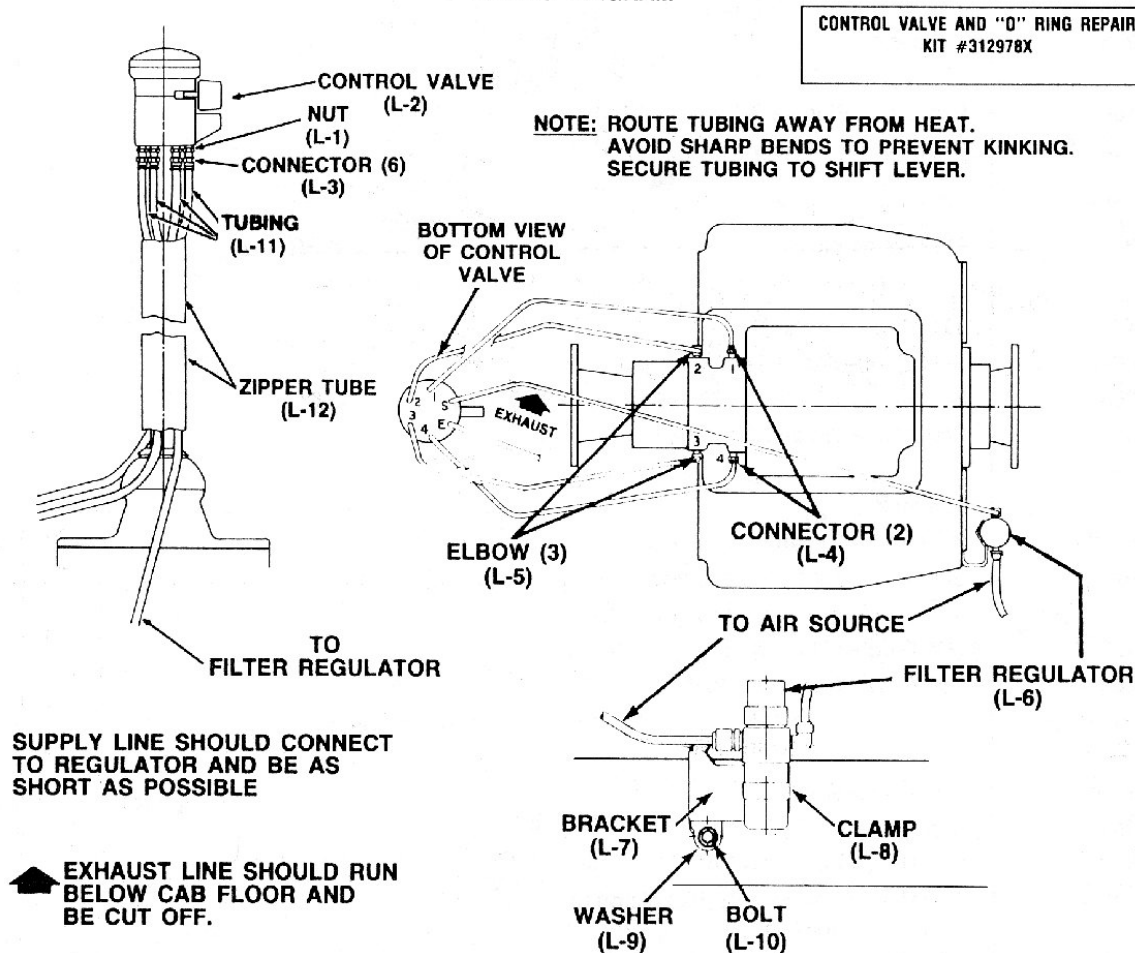
Ref.No.	Part Number	Part Description	Qty
	70-16-14-2X	Air-Matic Shifter Housing Assembly	1
	70-16-14-4X	Shifter Housing and Breather Assembly (includes R-1 thru R-3)	1
R-1	N.S.S.	Shifter Housing	1
R-2	500166-5	Expansion Plug - 7/16"	1
R-3	312268	Breather 1	1
R-4	500166-8	Expansion Plug - 5/8"	1
R-5	500113	Plug - breather hole	1
R-6	70-438-1	Pin - Shift rod stop	2
R-7	59-3	Plug - stop pin	2
R-8	70-463-3	"O" Ring - outer piston 4	4
R-9	70-66-28	Shift Fork - 3rd and 4th speed	1
R-10	545063	Screw - 7/16"-20 x .750" Allen head self-locking	2
R-11	98-67-8	Shift Rod - 3rd and 4th speed	1
R-12	52-12-3	Interlock	1
R-13	70-66-28	Shift Fork - 1st and 2nd speed	1
R-14	98-67-7	Shift Rod - 1st and 2nd speed	1
R-15	70-463-6	"O" Ring - piston rod bushing internal	2
R-16	97-463-7	"O" Ring - piston rod bushing outer	2
R-17	70-24-2	Bushing - piston rod	2
R-18	70-136-1	Piston-external	4
R-19	80-381-7	Snapping	6
R-20	70-463-7	"O" Ring - internal piston	4
R-21	70-463-4	"O" Ring - internal piston to piston rod	2
R-22	70-381-9	Snap Ring - internal piston	2
R-23	70-136-3	Piston - internal	2
R-24	545045	Nut- 7/16" -20 hex nylon patch self-locking	2
R-25	70-96-2	Cap - piston end	2
R-26	70-463-1	"O" Ring - piston end cap	2
R-27	330868	Washer - piston end cap	2
PARTS LISTED BELOW ARE NOT INCLUDED IN ASSEMBLY			
K-10	70-155-4	Gasket - shifter housing	1
K-12	545028	Screw - 7/16"-14 x 1 1/4" hex head self-locking	8
K-13	545040-1	1 Screw - 7/16"-14x 1 1/4" socket head self-locking	2
CONTROL VALVE PARTS (part of 313127X see page 16 for complete list)			
L-5	312526-1	Connector	2
L-6	545025-1	Elbow - nylon tubing	3

N.S.S. - Not Sold Separately

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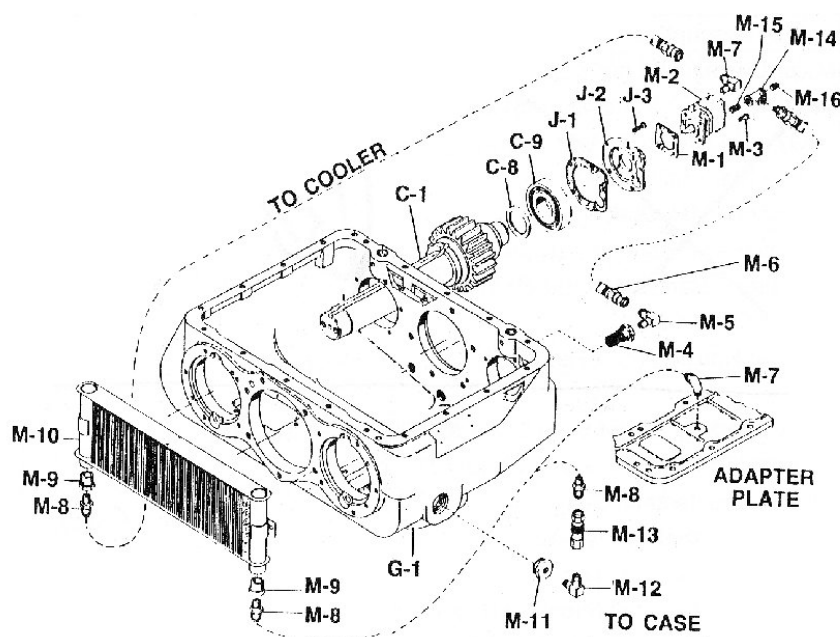
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TUBING DIAGRAM



Ref No.	Part Number	Part Description	313127		
			-X	-1X	-2X
L-1	500803	Nut-Shift Lever jam	1		1
L-2	313179	Valve-Control	1		1
L-3	312526	Connector	6		6
L-4	312526-1	Connector	2	2	2
L-5	545025-1	Elbow	3	3	3
L-6	313042	Filter Regulator	1	1	1
L-7	97-411-19	Bracket - Filter Regulator	1	1	1
L-8	330831	Clamp - Filter Regulator	1	1	1
L-9	500365-26	Washer - 13/32" flat	2	2	2
L-10	545002-1	Bolt-3/8"-16x7/8" hex head self-locking	2	2	2
L-11	85-420-1-1	Tubing-Nylon Air Line (100 feet)	1		1
L-11	85-420-1	Tubing - Nylon Air Line (50 feet)			1
L-12	330716-1	Tubing - zipper type (3 feet)	1		1
N.S.	330717	Slider-zip	1		1

N.S. - Not Shown



Ref No.	Part Number	Part Description	313231		
			-X	-1X	-2X
313231-4X	Oil Pump Kit		1	1	1
M-1	70-223-25	Gasket - Oil Pump	1	1	1
M-2	313292	Oil Pump Assy. (Serviced as 313292-1 X which incl. M-1)	1	1	1
C-8	97-381-34	Spacer - Countershaft Rear Bearing	1	1	1
J-1	98-223-4	Gasket - Countershaft Rear Bearing Cap	1	1	1
J-2	98-22-5	Bearing Cap - Countershaft rear	1	1	1
J-3	545002-6	Bolt - 3/8"-16 x 1 1/4" hex head self-locking	5	5	5
M-3	545005-7	Bolt - (5/16" -18 x 7/8")			
	Discard screws from plate on C/S Brg. Cap		4	4	4
313231-5X	Oil Cooler and Plumbing Kit		1	1	1
M-10	313110 *	Oil Cooler Assembly	1	1	1
M-4	313229	Oil Filter	1	1	1
M-5	545051	Elbow - 90 deg. Case outlet	1	1	1
M-6	313117-3	Hose Assembly - Case to pump	1	1	1
M-7	545051	Elbow - pump outlet	2	2	2
M-8	545036	Adapter - case inlet, cooler inlet & outlet	3	3	3
M-9	500714-14	Reducer Bushing - cooler inlet & outlet	2	2	2
M-11	500714-18	Reducer Bushing - case inlet	1	1	1
M-12	545054	Elbow - 90 deg. case inlet	1	1	1
M-13	545053	Quick Disconnect Coupling - case inlet	1	1	1
M-14	545146	Tee - Pipe (Pump inlet)	1	1	1
M-15	545049-1	Nipple - Pump Inlet	1	1	1
M-16	500114	Plug - (End of Pipe Tee)	1	1	1
C-1	99-30-1-1X	Countershaft (21T) - Model AMO/APO1000-4C, AMO/APO1750-4C		1	
	99-30-10-1X	Countershaft (27T) - Modes AMO/APO1000-4C, AMO/APO1750-4C			1

* Also available is 313480 Heat Exchanger Assy. All plumbing hardware is the same as shown in 313231-1X and can be ordered as individual components.

Existing Oil Cooler Systems can be serviced with individual components.

Part Number	Part Description	Qty
98-400-1X	Major Overhaul Kit (for Base B/M's 301393,301394,301395.)	1
98-210-2	Key - Countershaft Gear	2
545047	Nut - Mainshaft (1 3/4"-12)	2
330734	Washer - Mainshaft Nut	2
330810	Washer - Mainshaft thrust (24T) external	1
330869	Washer-Mainshaft thrust (18T) internal	1
98-432-1X	Minor Overhaul Kit	1
313429-21X	Shifter Housing Parts Repair Kit	1
98-432-1X	Minor Overhaul Kit (Included in Major Overhaul Kit 313400-61 X)	1
	Bearings	
550982	Front Input Bearing	
550908	Bearing - Drive Gear Front	1
550914	Bearing - Drive Gear Rear	1
550720	Countershaft Rear	2
550952	Countershaft Front	2
550889	Drive Gear/Input Shaft Pocket	1
550908	Drive Gear Front	1
550914	Drive Gear Rear	1
550925	Mainshaft Rear	1
82-463-4	Oil Seal - Drive Gear Bearing Cap	1
98-463-1	Oil Seal - Mainshaft Rear Bearing Cap	1
545077	Bearing Lubricant - Packet #2 Moly grease	1
545080-1	Anaerobic Sealant - Mainshaft Nut	1
747-D	Screw - Countershaft Retaining Washer	4
636-W	Washer - Countershaft Retaining	2
2770	Bulletin - Pocket Bearing Lube Inst.	1
2776	Bulletin - Overhaul Kit Inst	1
2783	Bulletin - Mainshaft Nuts	1
2747	Bulletin - Control Piping Diagram	1
2876	Bulletin - Minor Overhaul Kit Instructions	1
2879	Bulletin - Electronic Service Manuals	1
312475-25X	Gasket Kit	1
313024-24X	Snap Ring Kit	1

Part Number	Part Description	Qty
313429-21X	Shifter Housing Repair Kit (Included in both Major Overhaul Kits)	1
50-80-5	Ball - Shift Rod Poppet	2
71-24-14	Bushing	2
70-12-1	Interlock (AMO/ATO1000-4 & 1750-4)	1
52-12-3	Interlock (APO1000-4 & 1750-4)	1
274-SP	Pin - Case/Shifter Housing Dowel	2
59-3	Plug - Shift Rod Poppet	2
71-459-1	Plunger - Shift Rod Poppet	2
97-438-34	Poppet - Shift Rod	2
61-463-4	Seal - Shift Rod Oil	2
72-203-5	Sleeve - Overdrive Lockout (.656" long)	1
70-203-2	Sleeve - 2nd Speed stop (5.875" long)	1
97-72-38	Spring - Shift Rod Poppet (used for Manual Shift only)	2
97-72-4	Spring - Shift Rod Poppet Ball	2
312475-25X	Gasket Kit - (Included in both Minor Overhaul Kits)	1
97-324-1	Gasket - (6) Bolt PTO	1
97-324-2	Gasket - (8) Bolt PTO	1
98-155-1	Gasket - Adapter Plate to Transmission Case	1
98-223-5	Gasket - Countershaft Front Bearing Cap	2
98-223-4	Gasket - Countershaft Rear Bearing Cap	2
70-223-14	Gasket - Drive Gear Bearing Cap	1
98-223-1	Gasket - Drive Gear Bearing Retainer	1
98-223-2	Gasket - Mainshaft Rear Bearing Cap	1
70-155-4	Gasket - Shifter Housing or Top Mount PTO	1
313024-24X	Snap Ring Kit - (Included in both Minor Overhaul Kits)	1
97-381-30	Countershaft Front Bearing Retaining	2
98-381-6	Ring - Input Shaft External (used for (2)pc. Drive Gear only)	1
97-381-32	Ring - Drive Gear Internal (used for (2)pc. Drive Gear only)	1
98-381-2	Ring - Mainshaft Internal (large)	3
98-381-1	Ring - Mainshaft External (large)	3
97-381-6	Ring - Speedometer Drive Gear	1

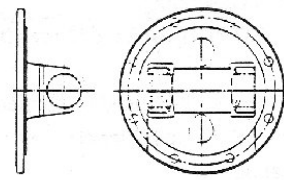
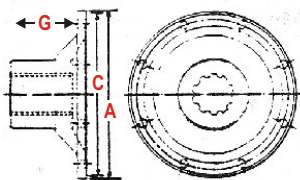
Part Number	Part Description	Qty
KITS NOT INCLUDED IN MAJOR OR MINOR OVERHAUL KITS		
313097X	"O" Ring Kit - (To Service Air Shifter Housing)	1
70-24-2	Bushing - Piston Rod	2
500166-8	Plug-Welch	1
80-381-7	"O" Ring - Cylinder Snap	6
70-463-1	"O" Ring - End Cap	2
70-463-7	"O" Ring - Internal Piston	4
70-381-9	"O" Ring - Internal Piston Snap	2
70-463-3	"O" Ring - Outer Piston	4
70-463-6	"O" Ring - Piston Rod Bushing "O" (internal)	2
70-463-4	"O" Ring - Piston	2
97-463-7	"O" Ring - Splitter or Range Valve Housing	2
330895	Lubricant - "O" Ring	1
2718	Bulletin - Installation Instructions	1
2726	Bulletin - "O" Ring Repair	1
312475-26X	Gasket Kit - (To Service Units with Top Mounted PTO's)	1
97-324-1	Gasket - (6) Bolt PTO	1
97-324-2-1 X	Gasket - (8) Bolt PTO	1
98-155-2	Gasket - Adapter Plate to PTO Case	1
98-155-1	Gasket - Adapter Plate to Transmission Case	1
98-223-5	Gasket - Countershaft Front Bearing Cap	2
98-223-4	Gasket - Countershaft Rear Bearing Cap	2
70-223-14	Gasket - Drive Gear Bearing Cap	1
98-223-1	Gasket - Drive Gear Bearing Retainer	1
98-223-2	Gasket - Mainshaft Rear Bearing Cap	1
70-223-26	Gasket - Output Shaft Front & Rear Bearing Cap	2
70-223-24	Gasket - Output Shaft Rear Bearing Cap	1
70-223-25	Gasket - PTO Oil Pump Mounting	1
70-223-23	Gasket - Reverse Shaft Front & Rear Bearing Cap	1

Part Number	Part Description	Qty
KITS NOT INCLUDED IN MAJOR OR MINOR OVERHAUL KITS		
312477-32X	Small Parts Kit - (used to Service Units with Top Mounted PTO's)	1
50-80-1	Ball - Shift Rod Poppet	3
70-12-1	Interlock	1
98-210-2	Key - Countershaft Gear	2
425-SPP	in - Output Drive Gear Sleeve (PTO)	1
97-381-30	Snap Ring - Countershaft Front Bearing Retaining	2
98-381-2	Snap Ring - Mainshaft Internal	3
98-381-1	Snap Ring - Mainshaft External	3
98-381-3	Snap Ring - Output Drive Gear (PTO)	1
70-381-5	Snap Ring - Reverse Gear Shaft	2
97-381-6	Snap Ring - Speedometer Drive Gear	1
747-DS	crew - Countershaft Front Bearing Retainer Washer	4
61-463-4	Oil Seal - Output Gear Shift Rod (PTO)	4
22-72-5	Spring - Poppet Output Gear Shift Rod (PTO)	1
22-72-2	Spring - Shift Rod Poppet	2
636-W	Washer - Countershaft Front Bearing Retainer	2
330869	Washer - Mainshaft Internal Thrust (18T) (large)	3
330810	Washer - Mainshaft External Thrust (24T)	3

Bearing Kits for Top Mount PTO Assemblies

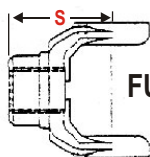
312476-22X	Cylindrical Roller Style Bearing Kit	1
550912	Bearing Cone - Intermediate Gear Front	1
550913	Bearing Cup - Intermediate Gear Front	1
550183	Bearing Cone - Intermediate Gear Rear	1
550228	Bearing Cup - Intermediate Gear Rear	1
550940	Bearing - Output Shaft Front and Rear	2
550941	Bearing - Reverse Shaft Front and Rear	2

COMPANION FLANGE

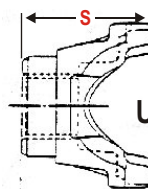


FLANGE YOE

Joint Series	A	Companion Flange Sub-Assy.	Consists of		G	C	Flange Yoke	Flange Yoke 1650 Series
	Flange Diameter		Companion Flange	Slinger	End of Hub To Flange Face Length	Pilot Dia F-Femal M-Male		
1710 1810	8.0"	6-1-5691X	Front of AMO/AP01000-4 & 1750-4 2.594"-20T Spline					
	8.0"	6.5-1-2501X	6-1-4881	231745	3.000"	F-7 3/4"		
	8.0"		6.5-1-1991	231745	3.000"	F-7 3/4"		
1810	8.0"		Rear of AMO/AP01000-4 & 1750-4 2.747"-10T Spline				6.5-2-329"	
			6.5-1-1871		3.750"	F-7 3/4"		



FULL ROUND



U-BOLT - BRG. STRAP - HALF ROUND

Joint Series	End Yoke Sub-Assembly	Consists of		S End of Hub To Center Face Length	Momentary Joint Angle
		Yoke	Slinger		
		Front of AMO/APO1000-4 &1750-4 2.632"-20T Spline			
1710	6-4-7071 X	6/4/5351	231745	5 3/16"	21 deg.
1710	6-4-7071-1X	6-4-5351-1	231745	5 3/16"	21 deg.
1760	6.3-4-871 X	6.3-4-41	231745	5 9/16"	30 deg.
1760	6.3-4-871-1X	6.3-4-41-1	231745	5 9/16"	30 deg.
1810	6.5-4-3541 X	6.5-4-3021	231745	5 9/16"	30 deg.
1810	6.5-4-3541-1X	6.5-4-3021-1	231745	5 9/16"	30 deg.
		Rear of AMO/APO1000-4 & 1750-4 2.749"-10T Spline			
1710		6-4-4651		5 5/16"	20 deg.
1710		6-4-4651-1		5 5/16"	20 deg.
1760		6.3-4-61		6"	30 deg.
1760		6.3-4-61-1		6"	30 deg.
1810		6.5-4-2171		6"	30 deg.
1810		6.5-4-2171-1		6"	30 deg.
SDC250		250-4-551-1		6 9/32"	30 deg.

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301474 - Model AMO1000-4C								
-1	Freightliner						70-16-10-11X	
+2	Navistar						70-16-10-11X	
s-3	Service							
+S-4	Peterbilt		6-4-7071 X					
-5	Mack				98-452-1	98-453-1	70-16-10-11X	
+6	Navistar							313254-3X
-7	Can. Kenworth		6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1		313254-3X
-8	Mack				90-452-1	98-453-1		313254-3X
+--9	Navistar						70-16-10-11X	
-10	Mack				98-452-1	98-453-1		313254-3X
+11	Freightliner				98-452-2		70-16-10-11X	
+12	Kenworth		6-4-7071 X	3-4-4651	98-452-2		70-16-10-11X	
+13	Pbterbilt		6-4-7071X				70-16-10-11X	
+14	Kenworth		6-4-7071X	6-4-4651	98-452-2			313254-3X
+15	VolvoGM						70-16-10-11X	
+16	Navistar						70-16-10-11X	
+17	Peterbilt		6-4-7071-1X				70-16-10-11X	
+18	Peterbilt		6-4-7071-1X					313254-3X
-19	VolvoGM				98-452-2	98-453-1	70-16-10-11X	
+20	Freightliner				98-452-2			313254-3X
+21	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2		70-16-10-11X	
+22	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2			313254-3X
+23	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2			313254-3X
-24	VolvoGM				98-452-2	98-453-1		313254-3X
-25	VolvoGM				98-452-2	98-453-1		313254-3X
-26	Marmon Motor	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-2	98-453-1	70-16-10-11X	
-27	Marmon Motor	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-2	98-453-1		313254-3X
+28	Western Star				98-452-2		70-16-10-11X	
+29	Freightliner				98-452-2			313254-3X
-30	Ford				98-452-2	98-453-1		313254-3X
-31	Spicer Australia	70-410-2	6-4-7071X	6.5-4-2171	98-452-2	98-453-1	70-16-10-11X	
-32	Can. Kenworth		6-4-7071X	6-4-4651	98-452-2	98-453-1		313254-3X
-33	Pacific Truck		6.5-1-2501X	6.5-1-1871	98-452-2	98-453-1		313254-3X
-34	Peterbilt		6-4-7071X	6-4-4651	98-452-2	98-453-1		313254-3X
-35	Osterlund	70-410-2	6.5-4-3541X	6.5-4-2171				313254-3X

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

Call 877-776-4600

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301474 - Model AMO1000-4C (continued)								
+ 36	Navistar	70-410-2	6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X	313254-2X
-37	Spicer Australia				98-452-1	98-453-1		313254-6X
-38	Kenworth				98-452-1	98-453-1		
-39	Can. Kenworth				98-452-1	98-453-1		
-40	DWT	70-410-2	6.5-1-2501X		98-452-1	98-453-1	70-16-10-11X	
-41	VolvoGM	6-4-7071X	6-4-4651	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X	313254-3X
-42	Peterbilt				98-452-1	98-453-1		
-43	Pacific Truck				98-452-1	98-453-1	313254-3X	
-44	Pacific Truck				98-452-1	98-453-1	70-16-10-11X	
+45	Mack				98-452-2			313254-3X
#46	Marmon Motor	70-410-2	6.5-1-2501X	6.5-4-2171	98-452-1	98-453-1	70-16-10-12X	
-47	Marmon Motor	70-410-2	6-4-7071X	6-4-4651	98-452-1	98-453-1		313254-3X
-48	VolvoGM				98-452-1	98-453-1		313254-3X
-49	VolvoGM				98-452-1	98-453-1	70-16-10-11X	
+50	Kenworth Mex.		6.5-1-2501X	6.5-4-2171	98-452-2		70-16-10-11X	
+51	Kenworth Mex.		6.5-1-2501X	6.5-4-2171	98-452-2		313254-3X	
-52	Mack	70-410-2			98-452-1	98-453-1		313254-3X
**53	Amer. Hoist	70-410-2		6.5-4-2171	98-452-1	98-453-1	70-16-40-14X	
+54	CrawfordMS&f	70-410-2	6-4-7071X	6-4-4651	98-452-2			313254-3X
-55	Navistar							313254-3X
56	Peterbilt		6-4-7071-1X					313254-7X
^57	Peterbilt		6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X	
+58	Mack				98-452-1	98-453-1		313254-2X
+59	Peterbilt		6-4-7071-1X					313254-7X
+60	Mack				98-452-2			313254-2X
+61	Mack				98-452-2		70-16-10-11X	
+62	Mack						70-16-10-11X	
+63	Mack				98-452-2			313254-4X
+64	Crawford	70-410-2	6.3-4-871-1X	6.3-4-4-1	98-452-2			313254-1X
+65	Kenworth		6-4-7071X		6-4-465-1	98-452-2	70-16-10-11X	
+66	Greer Ind.	70-410-2	6-4-7071X					313254-7X
^67	Navistar							313254-3X
+68	Greer Ind.		6-4-7071-1X					
+69	Greer Ind.		6-4-7071-1X				70-16-10-11X	
+70	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2			313254-3X
+71	Kenworth		6.3-4-871X		6.3-4-61	98-452-2		
313254-3X								
+72	Kenworth		6.3-4-871-1X	6.3-4-61-1	98-452-2			313254-3X

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO		
			Front	Rear	Drive Gear	Driven Gear				
301474 - Model AMO1000-4C & 1750-4D										
+73	Kenworth		6.5-4-3541-1X	6.5-4-2171-1	98-452-2	98-452-2	70-16-10-11X	313254-3X		
+74	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2			313254-1X		
+75	Kenworth		6.3-4-871X		6.3-4-61			313254-1X		
+76	Kenworth		6.3-4-871-1X	6.3-4-61-1	98-452-2			313254-1X		
+77	Kenworth		6.5-4-3541-1X	6.5-4-1271-1	98-452-2			313254-1X		
+78	Kenworth		6.3-4-871-1X	6.3-4-61-1	98-452-2					
+79	Kenworth			6-4-7071X				6-4-4651	98-452-2	313254-3X
+80	Peterbilt			6.5-4-3541-1X						70-16-10-11X
+81	Kenworth			6.5-4-3541-1X	6.5-4-2171			98-452-2		70-16-10-11X
+82	Kenworth			6.5-4-3541-1X	6.5-2171-1			98-452-2		313254-5X
^83	AG Chem	70-410-2	6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X			
+84	Kenworth		6-4-7071X		6-4-4651	98-452-2		313254-1X		
+85	Kenworth	70-410-2	250-4-521-1X	250-4-551-1	98-452-2	98-452-2	70-16-10-11X	313254-3X		
+86	Humble EQ.		6.5-4-3541X	6.5-4-2171	98-452-2			313254-2X		
+87	Navistar				98-452-2			313254-4X		
+88	Crawford	70-410-2	6-4-7071X		6-4-4651			313254-1X		
+89	Peterbilt		6.5-4-3541X					313254-6X		
#90	Peterbilt		6-4-7071-1X					313254-10X		
+91	Kenworth		250-4-521-1X	250-4-551-1	98-452-2	98-452-2	70-16-10-11X			
+92	Peterbilt		170-4-1111-1X		98-452-2			313254-7X		
+93	Kenworth		6.5-4-3541-1X	6.5-4-2171-1	98-452-2					
+94	Peterbilt		250-4-521-1X					313254-7X		
+95	Peterbilt		6.5-4-3541-1X					313254-6X		
+96	Peterbilt		250-4-521-1X					313254-6X		
+97	Peterbilt		250-4-521-1X							
+98	Peterbilt		6.5-4-3541-1X							
+99										
^100	Standard									
+101	Kenworth		250-4-521-1X	250-4-521-1X	98-452-2			313254-1X		

s - Short Box

+ - Unit has Electronic Speedo Mainshaft Rear Bearing Cap

^ - Unit has a 313292-1X Oil Cooler Pump Kit

- Unit has Overdrive blocked out

* - Unit has 1st speed and Overdrive blocked out

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

Call 877-776-4600

TABULATED BILLS OF MATERIALS

MODELS:

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO	
			Front	Rear	Drive Gear	Driven Gear			
301475- Model AMO1000-4D									
-1	Freightliner	70-410-2							
-2	Kenworth		6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X		
S-3	Service						70-16-10-11X		
S+-4	Peterbilt		6-4-7071X						
-5	Western Star				98-452-1	98-453-1	70-16-10-11X		
+6	Kenworth		6-4-7071X	6-4-4651	98-452-2		70-16-10-11X		
+7	Peterbilt		6-4-7071X				70-16-10-11X		
+8	Navistar		6-4-7071X				70-16-10-11X		
+9	Peterbilt		6-4-7071-1X				70-16-10-11X		
+10	Peterbilt		6-4-7071-1X					313254-6X	
+11	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2		70-16-10-11X		
+12	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2			313254-3X	
+13	Freightliner				98-452-2		70-16-10-11X		
-14	VolvoGM				98-452-1	98-453-1		313254-2X	
-15	VolvoGM				98-452-1	98-453-1		313254-4X	
-16	VolvoGM				98-452-1		70-16-10-11X		
+17	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2		70-16-10-11X		
-18	Western Star				98-452-1	98-453-1		313254-3X	
-19	Western Star				98-452-1	98-453-1		313254-1X	
+20	Navistar						70-16-10-11X		
+21	Kenworth			6.3-4-871-1X	6.3-4-61-1	98-452-2		70-16-10-11X	
+22	Western Star					98-452-2		70-16-10-11X	
-23	Marmon Motor			6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X	
+0-24	Kenworth			6-4-7071X	6-4-4651	98-452-2		70-16-10-11X	
-25	VolvoGM					98-452-1	98-453-1	70-16-10-11X	
+26	VolvoGM							70-16-10-11X	
-27	Pacific Truck			6.5-1-2501X	6.5-1-1871	98-452-1	98-453-1		313254-3X
-28	Pacific Truck			6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X	
-29	Peterbilt			6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X	
+30	Navistar							70-16-10-11X	
-31	Spicer Australia	70-410-2	6-4-7071X	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X		
+32	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2			313254-1X	
+33	Pacific Truck		6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1		313254-3X	
-34	Volvo GM				98-452-2			313254-2X	
-35	Halliburton	70-410-2	6-1-5691X	6.5-1-1871	98-452-1	98-453-1	70-16-10-11X		

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

Call 877-776-4600

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301475 - Model AMO1000-4D (Continued)								
-36	Volvo GM	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-2	98-453-1	70-16-10-11X	313254-1X 313254-3X 313254-3X
-37	CMI				98-452-1		70-16-01-11X	
-38	Manning Eq				98-452-2			
-39	Kenworth				98-452-2			
-40	Kenworth				98-452-2			
-41	Kenworth	70-410-2	6.3-4-871-1X	6.3-4-2171-1	98-452-2	98-453-1		313254-3X
-42	Kenworth		6.5-4-3541-1X	6.5-4-2171-1	98-452-2		313254-3X	
-43	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2		313254-3X	
-44	Kenworth		6.3-4-871X	6.3-4-61	98-452-2		313254-3X	
-45	Kenworth		6.3-4-871-1X	6.3-4-61-1	98-452-2		313254-3X	
-46	Kenworth	70-410-2	6.5-4-3541-1X	6.5-4-2171-1	98-452-2	98-453-1		313254-3X
-47	Peterbilt		6.5-4-3541-1X				70-16-10-11X	
-48	CMI		8-4-1231	8-4-1241	98-452-1		70-16-10-11X	
-49								
-50	Standard						330429	
-51	CMI	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X	
-52	CMI	70-410-2	8-4-1231	8-4-1241	98-452-1	98-453-1	70-16-10-11X	

s - Short Box

+ - Unit has electronic speedo mainshaft rear bearing cap

o - Unit has 1st speed blocked out.

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301476 - Model AMO1000-4C								
-1	Freightliner						70-16-14-2X	313127X
-2	Western Star				98-452-1	98-453-1	70-16-14-2X	313127X
+3	Peterbilt		6-4-7071-1X				70-16-14-2X	313127X
+4	Freightliner				98-452-2		70-16-14-2X	313127X
+5	DSD	70-410-2	6.5-4-3541-1	6.5-4-2171-1	98-452-2		70-16-14-2X	
-6	Spicer Australia	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1	70-16-14-2X	313127X
-7	Marmon Motor	70-410-2	6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-14-2X	313127X
-8	Kenworth		6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-14-2X	313127-3X-
9	VolvoGM				98-452-1	98-453-1	70-16-14-2X	313127X
+10	VolvoGM				98-452-2		70-16-14-2X	313127X
+11	Navistar						70-16-14-2X	313127X
+12	Western Star				98-452-2		70-16-14-2X	313127X
-13	Western Star				98-452-1	98-453-1	70-16-14-2X	313127X
-14	Pacific Truck		6.5-1-2501X	6.5-1-1871	98-452-1	98-453-1	70-16-14-2X	313127X
+15	Ford		6.5-4-2171		98-452-2		70-16-14-2X	313127-1X
+16	Navistar						70-16-14-2X	313127X
+17	Kenworth		6-4-7071-1X	6.5-4-2171-1	98-452-2		70-16-14-2X	313127-3X
-18	Walker-Neer	70-410-2	6-4-7071X	6.5-4-2171			70-16-14-2X	313127X
#-19	Mack				98-452-1	98-453-1	70-16-14-2X	313127-1X
-20	Mack				98-452-1	98-453-1	70-16-14-2X	313127-1X
+21	CrawfordMS&F	70-410-2	6-4-7071X	6-4-4651	98-452-2		70-16-14-2X	313127X
-22	Mack	70-410-2			98-452-1	98-453-1	70-16-14-2X	313127X
-23	Timberline	70-410-2	6-1-5691X	6-4-4651			70-16-14-2X	313127X
+24	Mack				98-452-1	98-453-1	70-16-14-2X	313127X
+25	Mack				98-452-2		70-16-14-2X	313127X
-26	Mack	70-410-2		6.5-1-1871	98-452-1	98-453-1	70-16-14-2X	313127X
-27	American Hoist	70-410-2		6.5-871-1X	98-452-1	98-453-1	70-16-14-2X	313127X
+28	Crawford	70-410-2	6.3-4-871-1X	6.3-4-61-1	98-452-2		70-16-14-2X	313127X
+29	Peterbilt		6.5-4-3541X				70-16-14-2X	313127X
+30	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2		70-16-14-2X	313127X
-31	Isuzu-Dan-Japan	70-410-2	6.5-1-2501X	6.5-1-1871	98-452-1	98-453-1	70-16-14-2X	313127X
+32	Peterbilt		6.5-4-3541-1X				70-16-14-2X	313127X
#+33	Kenworth		6.5-4-3541X	3.5-4-2171	98-452-2		70-16-14-2X	313127X
+34	AG Chem	70-410-2	6-4-7071X	6-4-4651	98-452-2		70-16-14-2X	313127X
+35	Kenworth		6-4-7071X	6-4-4651	98-452-2		70-16-14-2X	313127X
+36	Crawford	70-410-2	6-4-7071X	6.5-4-2171	98-452-2		70-16-14-2X	313127X
+37	Crawford	70-410-2	6-4-7071-1X	6.5-4-2171-1	98-452-2		70-16-14-2X	313127X

Air-Matic Shift

APO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301476 — Model APO1000-4C								
+38	Linkbilt	70-410-2	6.5-4-3541-1X	6.5-4-2171-1			70-16-14-2X	
+39	Kenworth		6.3-4-871X	6.3-4-61	98-452-2		70-16-14-2X	313127X
^+40	Manitowac Crane	70-410-2	170-4-1111-1X	250-4-551-1	98-452-2		70-16-14-2X	313127X
+41	TTC Australia	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-2		70-16-14-2X	313127X
+42	Kenworth		6.5-4-3541-1X	6.5-4-2171-1	98-452-2		70-16-14-2X	313127X
+43	Peterbilt		250-4-54-1X				70-16-14-2X	313127X
-44	Service						330429	313127X
+45	Kenworth		250-4-521-1X	250-4-551-1	98-452-2		70-16-14-2X	313127X
+46	Peterbilt		6-4-7071X				70-16-14-2X	313127X
-47								
-48								
-49								
^50	Standard						70-16-14-2X	313127X

- Unit has Overdrive blocked out.

A - Unit has Oil Cooler Pump Kit 313292-1X

< - Unit has Oil Cooler & Pump Kit 313231-8X

Air-Matic Shift

APO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301477 - Model APO1000-4D								
-1	Freightliner		6-4-7071-1X		98-452-1	98-453-1	70-16-14-2X	313127X
+2	Peterbilt						70-16-14-2X	313127X
+3	Freightliner						70-16-14-2X	313127X
+4	Service						70-16-14-2X	313127X
-5	Mack						70-16-14-2X	313127-1X
-6	Peterbilt	70-410-2	6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-14-2X	313127X
+7	Navistar						70-16-14-2X	313127X
-8	Western Star				98-452-1	98-453-1	70-16-14-2X	313127X
+9	Western Star				98-452-2		70-16-14-2X	313127X
-10	VolvoGM				98-452-1	98-453-1	70-16-14-2X	313127X
-11	Peterbilt		6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-14-2X	313127X
+12	VolvoGM				98-452-2		70-16-14-2X	313127X
<-13	Spicer U.K.		6.5-1-2501X	6.5-1-1871	98-452-1	98-453-1	70-16-14-2X	313127X
-14	Spicer Australia		6.5-4-3541X	6.5-4-2171-1	98-452-1	98-453-1	70-16-14-2X	313127X
+15	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2		70-16-14-2X	313127-3X
-16	Spicer U.K.		6.5-1-2501X		98-452-1	98-453-1	70-16-14-2X	313127X
+17	Kenworth	70-410-2	6-4-7071X	6-4-4651	98-452-2		70-16-14-2X	313127-3X
+18	Linkbilt		6.5-4-3541-1X	6.5-4-2171-1	98-452-2		70-16-14-2X	
+19	Peterbilt		6.5-4-3541-1X				70-16-14-2X	313127X
+20	Peterbilt		6.5-4-3541X				70-16-14-2X	313127X
+21	Peterbilt		250-4-521-1X				70-16-14-2X	313127X
^22	Linkbilt	70-410-2	6.5-4-3541-1X	6.5-4-2171-1			70-16-14-2X	
<-23	Case IH Tyler	70-410-2	6-4-7071X		6-4-4651	98-452-2	70-16-14-2X	313127X

- Unit has Overdrive blocked out.

A - Unit has Oil Cooler Pump Kit 313292-1X

< - Unit has Oil Cooler & Pump Kit 313231-8X

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

Call 877-776-4600

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301765 - Model AMO1750-4C								
-1	Service						70-16-10-11X	
-2	Freightliner							
+3	Navistar							313254-2X
-4	Mack				98-452-1	98-453-1		313254-4X
-5	Mack				98-452-1	98-453-1		313254-2X
+6	Kenworth		6-4-7071X	6-4-4651	98-452-2			313254-3X
+7	Peterbilt		6-4-7071-1X					313254-6X
+8	Freightliner				98-452-2			313254-2X
+9	Western Star				98-452-2		70-16-10-11X	
+10	Peterbilt		6-4-7071-1X					313254-7X
+11	Mack/Western Star				98-452-2			313254-2X
+12	Mack						70-16-10-11X	
+13	Mack				98-452-2			313254-4X
+14	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2			313254-3X
+15	Kenworth		6.5-4-3541-1X	6.5-4-2171-1	98-452-2			313254-1X
+16	Kenworth		6.5-4-3541-1X	6.5-4-2171-1	98-452-2			313254-1X
+17	Peterbilt		6.5-4-3541-1X				70-16-10-11X	
+18	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2		70-16-10-11X	
+19	Kenworth		250-4-521-1X	250-4-551-1	98-452-2			313254-3X
+20	Peterbilt		6.5-4-3541X					313254-6X
+21	Peterbilt		6-4-7071-1X					313254-10X
+22	Peterbilt		6.5-4-3541-1X					313254-6X
+23	Peterbilt		250-4-521-1X					313254-7X
+24	Peterbilt		6.5-4-3541-1X					313254-7X
+S-25	Service							
+26	Kenworth		250-4-521-1X	250-4-551-1	98-452-2			313254-1X
+27	Navistar							313254-3X
+28	Peterbilt		6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X	
+29	Peterbilt		6-4-7071-1X				70-16-10-11X	
+30	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2			313254-3X
+31	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2		70-16-10-11X	
+32	Kenworth		6.3-4-871X	6.3-4-61	98-452-2			313254-3X
+33	Kenworth		6.3-4-871-1X	6.3-4-61-1	98-452-2			313254-3X
+34	Freightliner				98-452-2			313254-4X
+35	Peterbilt		170-4-1111-1X					313254-7X
+36	Peterbilt		250-4-521-1X					313254-7X

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

Call 877-776-4600

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301765 - Model AMO1750-4C (Continued)								
+37	Kenworth	70-410-2	250-4-521-1X	250-4-551-1	98-452-2		70-16-10-11X	
+38	Western Star				98-452-2			313254-3X
+39	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2			313254-1X
+40	Peterbilt		250-4-521-1X				70-16-10-11X	
+41	AG Chem		6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-10-11X	
+42	International							313254-3X
+43	Western Star				98-452-1	98-453-1	70-16-10-11X	
+44	Western Star				98-452-2			313254-7X

s - Short Box

+ - Unit has electronic speedo mainshaft rear bearing cap

o - Unit has 1st speed blocked out.

^ - Unit has a 363292-1X oil control pump kit.

Manual Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301766 — Model AMO1750-4D								
-1								
-2	Freightliner						70-16-10-11X	
-3	CMI	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X	
-4	CMI	70-410-2	8-4-1231	8-4-1241	98-452-1	98-453-1	70-16-10-11X	
^S-5	Service							
^6	CMI	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-1	98-453-1	70-16-10-11X	
^7	CMI	70-410-2	8-4-1231	8-4-1241	98-452-1	98-453-1	70-16-10-11X	
-8	Peterbilt		6-4-7071-1X				70-16-10-11X	
-9	Kenworth		6-4-7071-1X	6-4-4651-1	98-452-2		70-16-10-11X	
-10	Kenworth		6.5-4-3541X				70-16-10-11X	
-11	Peterbilt		6.5-4-3541-1X				70-16-10-11X	
-12	Kenworth		6-4-7071X	6-4-4651	98-452-2		70-16-10-11X	
+13	Western Star				98-452-1	97-423-1	70-16-10-11X	
-14	Western Star				98-452-2		70-16-10-11X	
-15	MOL Group		6.5-1-2501X	6.5-1-1871	98-452-2			313254-6X
-16								
-17								
-18								
-19								
-20								
-21								
-22								
-23								
-24								
^S-25	Service							

s - Short Box

+ - Unit has electronic speedo mainshaft rear bearing cap

o - Unit has 1st speed blocked out.

^ - Unit has a 363292-1X oil control pump kit.

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

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TABULATED BILLS OF MATERIALS

MODELS:

Air-Matic Shift

AMO1000-4 & 1750-4

Tab No.	Used by	Trunnion	Flange or Yoke		Speedometer		Shifter Housing Assembly	Top Mounted PTO
			Front	Rear	Drive Gear	Driven Gear		
301767 — Model APO1750-4C								
-1								
-2	Freightliner						70-16-10-11X	313127X
+3	Australia						70-16-14-2X	313127X
+4	Marmon Motors	20-410-2	6-4-7071X	6-4-4651	98-452-1	98-453-1	70-16-14-2X	313127X
+5	Western Star				98-452-2		70-16-14-2X	313127X
+6	Mack				98-452-2		70-16-14-2X	313127X
+7	Kenworth		6.5-4-3541X	6.5-4-2171	98-452-2		70-16-14-2X	313127X
+8	Peterbilt		6.5-4-3541-1X				70-16-14-2X	313127X
+9	Linkbilt	70-410-2	6.5-4-3541-1X	6.5-4-271-1			70-16-14-2X	
^+10	Manitowac Crane		170-4-1111-1X	250-4-551-1	98-452-2		70-16-14-2X	313127X
+11	Kenworth		6.5-4-3541-1X	6.5-4-2771-1	98-452-2		70-16-14-2X	313127X
+12	Peterbilt		250-4-521-1X				70-16-14-2X	313127X
S-13	Freightliner							313127X
+14	Kenworth		250-4-521-1X	250-4-551-1	98-452-2		70-16-14-2X	313127X
+15	Peterbilt		6-4-7071-1X				70-16-14-2X	313127X
+16	Peterbilt		6-4-7071-1X				70-16-14-2X	313127X
^+17	Kenworth	70-410-2	6.5-4-3541X	6.5-4-2171	98-452-2		70-16-14-2X	313127X
^+18	Volvo	70-410-2	6.5-4-3541-1X	6.5-4-2171-1	98-452-2	98-453-1	70-16-14-2X	313127X
+19	Western Star				98-452-1	98-453-1	70-16-14-2X	313127X
+20	Kenworth		6-4-7071-1X	6-4-4651-1X	98-452-2		70-16-14-2X	313127X
-21								
-22								
-23								
-24								
^S-25	Service						70-16-14-2X	313127X
+26	Linkbilt	70-410-2	6.5-4-3541-1X	3.5-4-2171-1	98-452-2		70-16-14-2X	
301768 — Model APO1750-4D								
-1								
-2	Freightliner						70-16-14-2X	313127X
-3	Western Star				98-452-1	97-453-1	70-16-14-2X	313127X
-4	Western Star				98-452-2		70-16-14-2X	313127X
S-25	Service						70-16-14-2X	313127X

+ - Unit has electronic speedo mainshaft rear bearing cap

- Unit has overdrive blocked out.

^ - Unit has a 313292-1X Oil Cooler Pump Kit.

< - Unit has a 313231-8X Oil Cooler Pump Kit.

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SUPERSESSION LIST

MODELS:

1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

1241-C	1241-C	1241-C	1241-C	AM01000-4C	AM01750-4C
300977 -1	301145 -1	301145 -1	301393 -1	301474 -1	301765-2
300977 -3	301145 -2	301145 -2	301393 -2	301474 -38	
300977 -11	301145 -3	301145 -3	301393 -3		
300977 -12	301145 -4	301145 -4	301393 -4	301474 -2	
300977 -17	301145 -5	301145 -5	301393 -5		
300977 -20	301145 -6	301145 -6	301393 -6	301474 -5	301765-43
300977 -22	301145 -7	301145 -7	301393 -7	301474 -6	301765-3
300977 -32	301145 -8	301145 -8	301393 -8	301474 -7	
300977 -39	301145 -9	301145 -9	301393 -9		
300977 -40	301145 -10	301145 -10	301393 -10		
300977 -46	301145 -11	301145 -11	301393 -11		
300977 -49	301145 -12	301145 -12	301393 -12		
300977 -50	301145 -13	301145 -13	301393 -13	301474 -42	301765-28
300977 -55	301145 -14	301145 -14	301393 -14		
300977 -59	301145 -15	301145 -15	301393 -15		
300977 -60	301145 -16	301145 -16	301393 -16		
300977 -62	301145 -17	301145 -17	301393 -17	301474 -8	301765-4
300977 -67	301145 -18	301145 -18	301393 -18	301474 -9	301765-7
300977 -69	301145 -19	301145 -19	301393 -19	301474 -34	
300977 -74	301145 -20	301145 -20	301393 -20		
300977 -75	301145 -21	301145 -21	301393 -21		
300977 -76	301145 -22	301145 -22	301393 -22	301474 -24	
300977 -77	301145 -23	301145 -23	301393 -23	301474 -48	
300977 -81	301145 -24	301145 -24	301393 -24		
	301145 -25	301145 -25	301393 -25		
300977 -37	301145 -26	301145 -26	301393 -26	301474 -10	301765-5
300977 -78	301145 -27	301145 -27	301393 -27		
300977 -15	301145 -28	301145 -28	301393 -28		
300977 -80	301145 -29	301145 -29	301393 -29		
300977 -4	301145 -30	301145 -30	301393 -30	301474 -49	
	301145 -31	301145 -31	301393 -31	301474 -32	
300977 -7	301145 -32	301145 -32	301393 -32	301474 -3	301765-1
300977 -42	301145 -33	301145 -33	301393 -33	301474 -36	
300977 -43	301145 -33				
300977 -18	301145 -34	301145 -34	301393 -34		
300977 -63	301145 -35	301145 -35	301393 -35	301145 -36	
	301145 -36	301393 -36		301474 -33	
300977 -44	301145 -37	301145 -37	301393 -37		
	301145 -38	301145 -38	301393 -38		
	301145 -39	301145 -39	301393 -39		
	301145 -40	301145 -40	301393 -40		
	301145 -41	301145 -41	301393 -41		
300977 -36	301145 -42	301145 -42	301393 -42		
	301145 -43	301145 -43	301393 -43		
300977 -2	None	301145 -44	301393 -44		
300977 -5	None	301145 -45	301393 -45		
300977 -6	None	301145 -46	301393 -46		

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

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SUPERSESSION LIST

MODELS:

1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

1241-C	1241-C	1241-C	1241-C	AM01000-4C	AM01750-4C
300977 -8	None	301151 -47	301393 -47		
300977 -9	None	301151 -48	301393 -48	301474 -37	
300977 -10	None	301151 -49	301393 -49	301474 -26	
300977 -13	None	301151 -50	301393 -50	301474 -27	
300977 -14	None	301151 -51	301393 -51		
300977 -16	None	301151 -52	301393 -52		
300977 -19	None	301151 -53	301393 -53	301474 -41	
300977 -21	None	301151 -54	301393 -54		
300977 -23	None	301151 -55	301393 -55		
300977 -24	None	301151 -56	301393 -56		
300977 -25	None	301151 -57	301393 -57	301474 -57	
300977 -26	None	301151 -58	301393 -58	301474 -39	
300977 -27	None	301151 -59	301393 -59		
300977 -28	None	301151 -60	301393 -60		
300977 -29	None	301151 -61	301393 -61	301474 -35	
300977 -30	None	301151 -62	301393 -62		
300977 -31	None	301151 -63	301393 -63		
300977 -33	None	301151 -64	301393 -64	301474 -11	
300977 -34	None	301151 -65	301393 -65	301474 -29	301765 -34
300977 -35	None	301151 -66	301393 -66	301474 -12	
300977 -38	None	301151 -67	301393 -67		
300977 -41	None	301151 -68	301393 -68		
300977 -45	None	301151 -69	301393 -69		
300977 -47	None	301151 -70	301393 -70		
300977 -48	None	301151 -71	301393 -71	301474 -25	
300977 -51	None	301151 -72	301393 -72		
300977 -52	None	301151 -73	301393 -73		
300977 -53	None	301151 -74	301393 -74		
300977 -54	None	301151 -75	301393 -75		
300977 -56	None	301151 -76	301393 -76		
300977 -57	None	301151 -77	301393 -77	301474 -13	
300977 -58	None	301151 -78	301393 -78		
300977 -61	None	301151 -79	301393 -79		
300977 -64	None	301151 -80	301393 -80		
300977 -65	None	301151 -81	301393 -81		
300977 -66	None	301151 -82	301393 -82		
300977 -68	None	301151 -83	301393 -83	301474 -14	301765 -6
300977 -70	None	301151 -84	301393 -84		
300977 -71	None	301151 -85	301393 -85		
300977 -72	None	301151 -86	301393 -86		
300977 -73	None	301151 -87	301393 -87	301474 -46	
300977 -79	None	301151 -88	301393 -88	301474 -47	
		301151 -89	301393 -89		
		301151 -90	301393 -90		
		301151 -91	301393 -91		
		301151 -92	301393 -92		

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

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1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

1241-C	1241-C	AM01000-4C	AMO1750-4C
301151 -93	301393 -93		
301151 -94	301393 -94		
301151 -95	301393 -95	301474-15	
301151 -96	301393 -96		
301151 -97	301393 -97		
301151 -98	301393 -98		
301151 -99	301393 -99		
301151 -100	301393 -100		
301151 -101	301393 -101		
301151 -102	301393 -102		
301151 -103	301393 -103		
301151 -104	301393 -104	301474-16	
301151 -105	301393 -105	301474-43	
301151 -106	301393 -106	301474-44	
301151 -107	301393 -107		
301151 -108	301393 -108		
301151 -109	301393 -109		
301151 -110	301393 -110		
301151 -111	301393 -111		
301151 -112	301393 -112		
301151 -113	301393 -113	301474-17	301765-29
301151 -114	301393 -114	301474-18	301765-7
301151 -115	301393 -115		
	301393 -116	301474-19	
	301393 -117		
	301393 -118	301474-4	
	301393 -119	301474-20	301765-8
	301393 -120	301474-21	301765-31
	301393 -121	301474-22	
	301393 -122		
	301393 -123	301474-23	
	301393 -124	301474-28	301765-9
		301474-30	
		301474-40	
		301474-45	
		301474-50	
		301474-51	
		301474-52	
		301474-53	
		301474-54	
		301474-55	301765-43
		301474-56	
		301474-59	301765-10
		301474-60	301765-11
		301474-62	301765-12
		301474-63	301765-13
		301474-67	301765-27
		301474-68	
		301474-69	

SUPERSESSION LIST

MODELS:

1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

1241-C	1241-C	AM01000-4C	AMO1750-4C
		301474-70	301765-14
		301474-71	301765-32
		301474-72	301765-33
		301474-73	301765-15
		301474-74	301765-39
		301474-80	301765-17
		301474-81	301765-18
		301474-83	301765-41
		301474-85	301765-19
		301474-89	301765-20
		301474-90	301765-21
		301474-91	301765-37
		301474-92	301765-35
		301474-94	301765-36
		301474-95	301765-22
		301474-96	301765-23
		301474-97	301765-40
		301474-98	301765-24
		301474-101	301765-26
			301765-25
			301765-30
			301765-38
			301765-44

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SUPERSESSION LIST

MODELS:

1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

1241-D	1241-D	1241-D	1241-D	AM01000-4D	AMO1750-4D
300978 -1	301146 -1	301152 -1	301394 -1	301475 -1	301766-2
300978 -2	301146 -2	301152 -2	301394 -2	301475 -2	
300978 -5	301146 -3	301152 -3	301394 -3		
300978 -7	301146 -4	301152 -4	301394 -4		
300978 -10	301146 -5	301152 -5	301394 -5	301475 -20	
300978 -13	301146 -6	301152 -6	301394 -6	301475 -5	
300978 -23	301146 -7	301152 -7	301394 -7		
300978 -24	301146 -8	301152 -8	301394 -8	301475 -29	
300978 -29	301146 -9	301152 -9	301394 -9	301475 -30	
300978 -31	301146 -10	301152 -10	301394 -10		
300978 -4	301146 -11	301152 -11	301394 -11	301475 -3	
300978 -27	301146 -12	301152 -12	301394 -12	301475 -18	
300978 -19	301146 -13	301152 -13	301394 -13	301475 -19	
	301146 -14	301152 -14	301394 -14		
300978 -17	301146 -15	301152 -15	301394 -15		
300978 -8	301146 -16	301152 -16	301394 -16		
	301146 -17	301152 -17	301394 -17		
300978 -18	301146 -18	301152 -18	301394 -18		
	301146 -19	301152 -19	301394 -19		
	301146 -20	301152 -20	301394 -20		
300978 -3	None	301152 -21	301394 -21		
300978 -6	None	301152 -22	301394 -22		
300978 -9	None	301152 -23	301394 -23		
300978 -11	None	301152 -24	301394 -24	301475 -27	
300978 -12	None	301152 -25	301394 -25	301475 -23	
300978 -14	None	301152 -26	301394 -26		
300978 -15	None	301152 -27	301394 -27	301475 -13	
300978 -16	None	301152 -28	301394 -28		
300978 -20	None	301152 -29	301394 -29	301475 -6	301766-12
300978 -21	None	301152 -30	301394 -30		
300978 -22	None	301152 -31	301394 -31	301475 -25	
300978 -25	None	301152 -32	301394 -32		
300978 -26	None	301152 -33	301394 -33	301475 -15	
300978 -28	None	301152 -34	301394 -34	301475 -7	
300978 -30	None	301152 -35	301394 -35		
		301152 -36	301394 -36		
		301152 -37	301394 -37		
		301152 -38	301394 -38	301475 -31	
		301152 -39	301394 -39		
		301152 -40	301394 -40		
		301152 -41	301394 -41		
		301152 -42	301394 -42		
		301152 -43	301394 -43		
		301152 -44	301394 -44	301475 -24	
		301152 -45	301394 -45		
		301152 -46	301394 -46	301475 -26	
		301152 -47	301394 -47		

SUPERSESSION LIST

MODELS:

1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

1241-D	1241-D	1241-D	1241-D	AMO1000-4D	AMO1750-4D
		301152 -48	301394 -48		
		301152 -49	301394 -49		
		301152 -50	301394 -50		
		301152 -51	301394 -51	301475 -8	
		301152 -52	301394 -52		
		301152 -53	301394 -53		
		301152 -54	301394 -54		
		301152 -55	301394 -55	301475 -28	
		301152 -56	301394 -56	301475 -17	
		301152 -57	301394 -57	301475 -9	301766 -8
		301152 -58	301394 -58	301475 -10	
			301394 -59	301475 -16	
			301394 -60		
			301394 -61	301475 -4	
			301394 -62	301475 -11	301766 -9
			301394 -63	301475 -12	
			301394 -64	301475 -22	
			None	301475 -14	
			None	301475 -21	
			None	301475 -32	
				301475 -33	
				301475 -34	
				301475 -35	
				301475 -36	
				301475 -37	301766 -3
				301475 -38	
				301475 -39	301766 -10
				301475 -40	
				301475 -41	
				301475 -42	
				301475 -44	
				301475 -45	
				301475 -46	
				301475 -47	301766 -11
				301475 -48	301766 -4
				301475 -50	301766 -5
				301475 -51	301766 -6
				301475 -52	301766 -7
					301766 -25

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SUPERSESSION LIST

MODELS:

1241 to AMO/APO1000-4 to AMO/APO1750-4

AMO/APO1000-4 & 1750-4

P1241-C	P1241-C	APO1000-4C	APO1750-4C	P1241-D	P1241-D	APO1000-4D	APO1750-4D
301053 -1	301053 -1	301476 -1		301053 -1	301053 -1	301477 -1	301767 -2
301053 -2	301053 -2	301476 -11		301053 -2	301053 -2		
301053 -3	301053 -3			301053 -3	301053 -3		
301053 -4	301053 -4			301053 -4	301053 -4	301477 -7	301767 -4
301053 -5	301053 -5			301053 -5	301053 -5	301477 -11	
301053 -6	301053 -6			301053 -6	301053 -6		
301053 -7	301053 -7			301053 -7	301053 -7		
301053 -8	301053 -8			301053 -8	301053 -8		
301053 -9	301053 -9	301476-14		301053 -9	301053 -9		
301053 -10	301053 -10			301053 -10	301053 -10		
301053 -11	301053 -11			301053 -11	301053 -11		
301053 -12	301053 -12			301053 -12	301053 -12		
301053 -13	301053 -13			301053 -13	301053 -13	301477 -5	
301053 -14	301053 -14			301053 -14	301053 -14	301477 -6	301767 -3
301053 -15	301053 -15			301053 -15	301053 -15		
301053 -16	301053 -16	301476 -8		301053 -16	301053 -16		
301053 -17	301053 -17			301053 -17	301053 -17	301477 -10	
301053 -18	301053 -18	301476 -7		301053 -18	301053 -18	301477 -3	
301053 -19	301053 -19			301053 -19	301053 -19		
301053 -20	301053 -20			301053 -20	301053 -20		
301053 -21	301053 -21			301053 -21	301053 -21	301477 -4	
301053 -22	301053 -22			301053 -22	301053 -22		
301053 -23	301053 -23	301476 -20		301053 -23	301053 -23		
301053 -24	301053 -24			301053 -24	301053 -24		
301053 -25	301053 -25	301476 -2		301053 -25	301053 -25		
301053 -26	301395 -26			301054 -26	301396 -26		
301053 -27	301395 -27			301054 -27	301396 -27		
301053 -28	301395 -28			301396 -2	301477 -2		
301053 -29	301395 -29	301476 -9			301396 -29		
301053 -30	301395 -30					301477 -8	301768 -3
301053 -31	301395 -31	301476 -4				301477 -9	301768 -4
301053 -32	301395 -32					301477 -12	
301053 -33	301395 -33	301476 -3	301767-16			301477 -13	
301053 -34	301395 -34					301477 -14	
301053 -35	301395 -35					301477 -15	
301053 -36	301395 -36					301477 -16	
301053 -37	301395 -37					301477 -1	301768 -2
301053 -38	301395 -38	301476 -19					301768 -25
301053 -39	301395 -39						
301053 -40	301395 -40	301476 -16					
301053 -41	301395 -41	301476 -6					
301053 -42	301395 -42	301476 -15					
301053 -43	301395 -43						
301053 -44	301395 -44						
None	None	301476 -5					
None	None	301476 -10					
None	None	301476 -12	301767 -5				
None	None	301476 -13	301767 -19				
None	None	301476 -17	301767 -20				
None	None	301476 -18					
None	None	301476 -21					
		301476 -25	301767 -6				
		301476 -30	301767 -7				
		301476 -32	301767 -8				
		301476 -38	301767 -9				
		301476 -40	301767 -10				
		301476 -42	301767 -11				
		301476 -43	301767 -12				
		301476 -44	301767 -13				
		301476 -45	301767 -14				
		301476 -46	301767 -15				
			301767 -25				



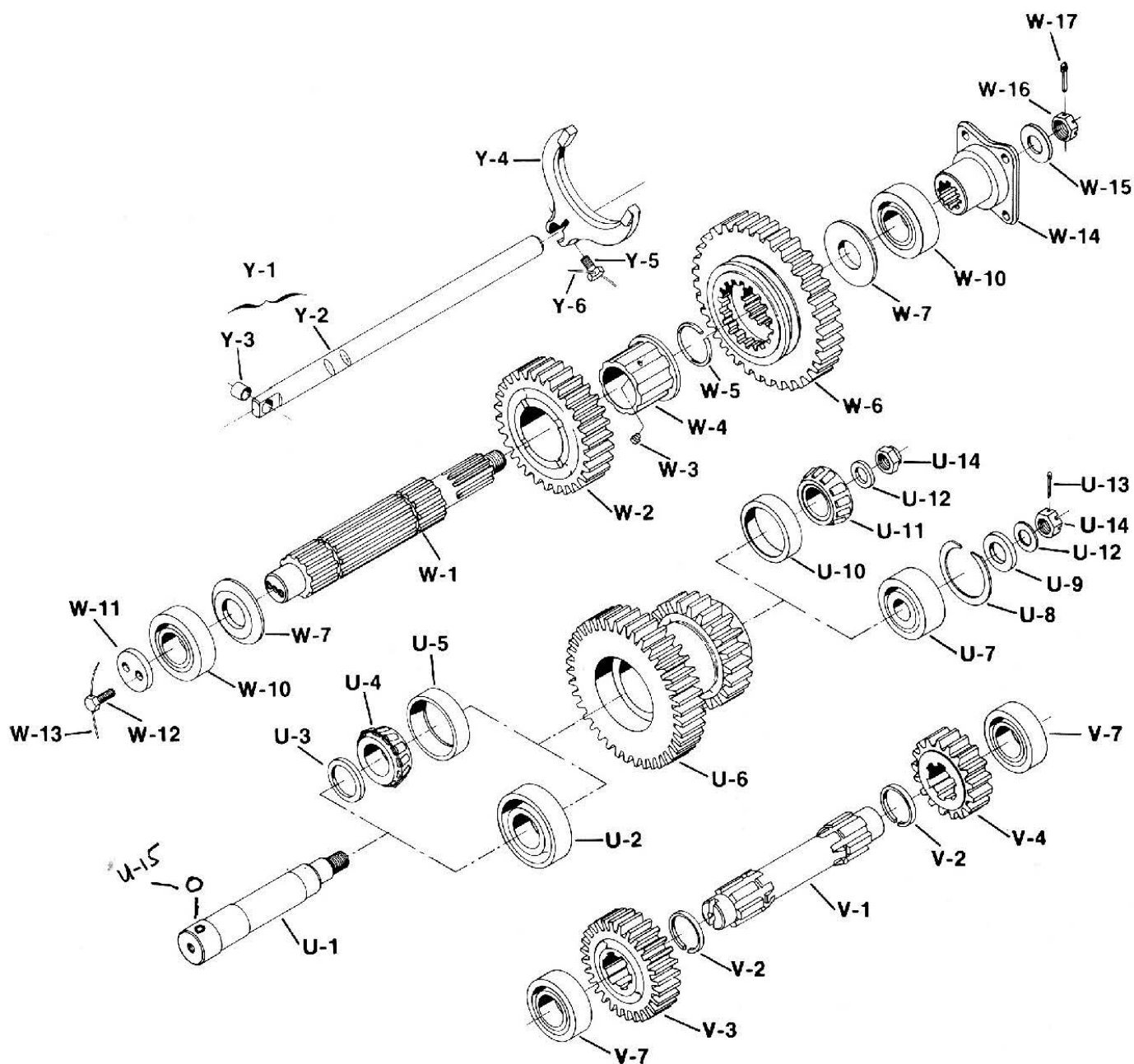
March 2006

INTERNAL LUBE

TOP MOUNTED POWER TAKE-OFFS for Auxiliary Transmissions



Parts Catalog



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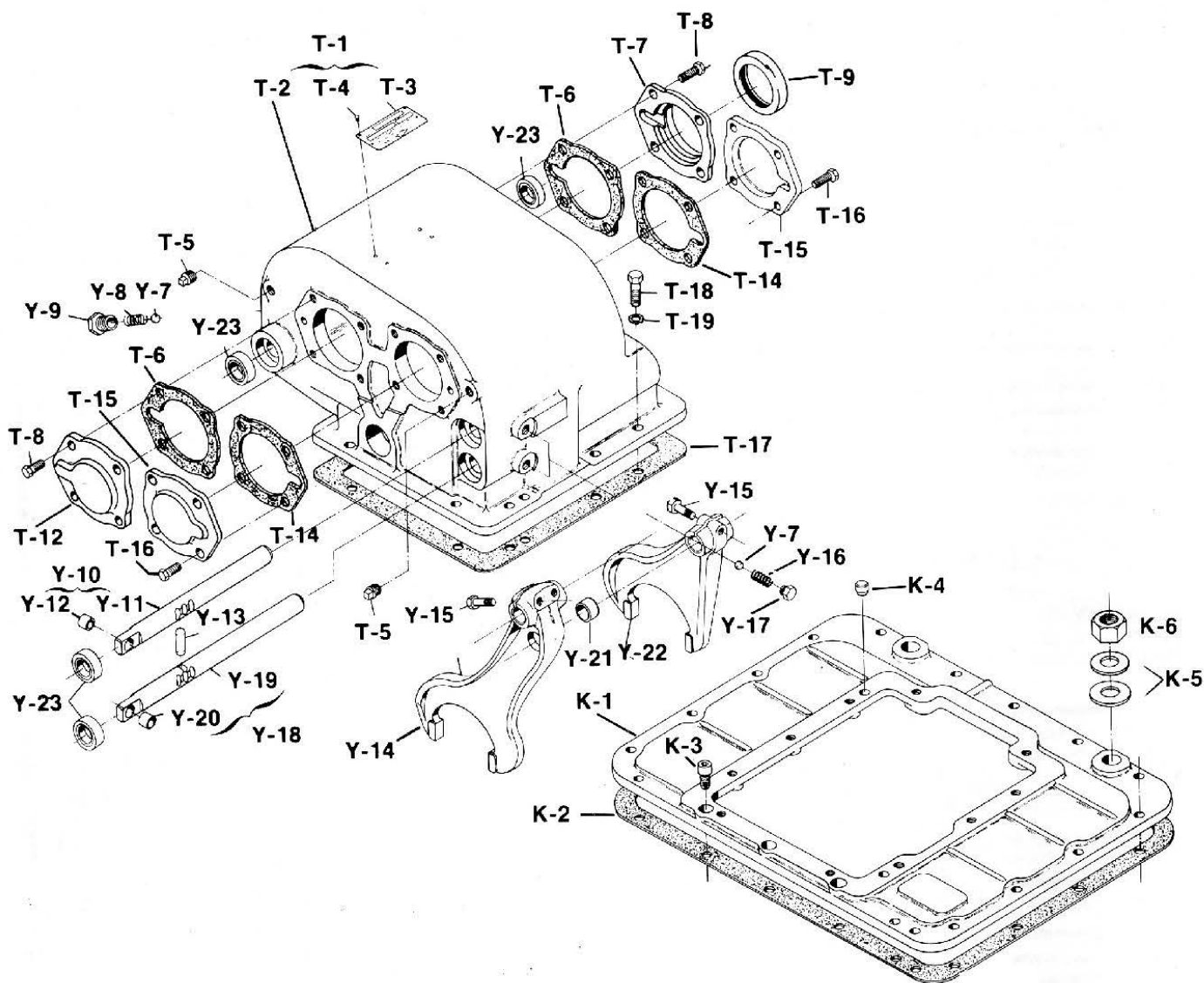
Call 877-776-4600

Ref. No.	Part No.	Basic Assembly	313254X
		Top Mounted P.T.O. Assembly	
		ATO1750-4 ATO1000-4	1
SHIFTER PARTS			
Y-1	98-67-4-1X	Rod & Bushing Assembly P.T.O. shift (includes Y-3)	1
Y-2	N.S.S.	Shift Rod	1
Y-3	71-24-14	Bushing-shift rod	1
Y-4	70-66-12	Fork-output sliding gear shift	1
Y-5	595-D	Screw-shift fork	2
Y-6	LW-3-9	Lockwire	AR
OUTPUT SHAFT & GEARS			
W-1	70-362-10	Output Shaft	1
W-2	98-8-9	Gear-output drive (28T)	1
W-3	425-SP	Pin-output drive gear sleeve	1
W-4	98-37-5	Sleeve-output drive gear	1
W-5	98-381-3	Snap Ring	1
W-6	98-8-11	Gear-output sliding (37T)	1
W-7	948-W	Washer-output shaft bearing	2
W-10	550940	Cylindrical-output shaft bearing	2
W-11	517-W	Washer-bearing retainer	1
W-12	689-D	Screw-bearing retainer washer	2
W-13	LW-3-9	Lockwire	AR
W-14	See Tab	Flange or Yoke	AR
W-15	139-W	Washer-29/32" I. D.	1
W-16	263-J	Nut-7/8"-16 hex castellated	1
W-17	500024-7	Cotter Pin-1/8" x 1 1/4"	1

Ref. No.	Part No.	Basic Assembly	313254X
INTERMEDIATE SHAFT & GEAR			
U-1	98-187-1	Intermediate Shaft-w/self-locking nut	1
U-3	330816	Washer-w/cup & cone bearing	1
U-4	550912	Cone-intermediate shaft front bearing	1
U-5	550913	Cup-intermediate shaft front bearing	1
U-6	98-30-5	Gear-intermediate(39T - 20T)	1
U-10	550228	Cup-intermediate rear bearing	1
U-11	550183	Cone-intermediate rear bearing	1
U-12	22W	Flat Washer	1
U-14	545007	Nut-3/4"-16 hex (self locking)	1
U-15	500566-8	Ball Intermediate Shaft	1
REVERSE SHAFT & GEARS			
V-1	70-60-6	Reverse Shaft (1 3/4"-6 spline)	1
V-2	70-381-5	Snap Ring	2
V-3	98-196-5	Gear-reverse drive (26T)	1
V-4	70-5-4	Gear-reverse (17T)	1
V-7	550941	Cylindrical-reverse shaft bearing	2

N.S.S. - Not Sold Separately

N.S. - Not Shown



NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

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Ref. No.	Part No.	Basic Assembly	313254X
		Top Mounted P.T.O. Assembly	
		ATO1750-4 ATO1000-4	1
CASE PARTS			
T-1	70-15-42-3X	Case Assembly	1
T-2	N.S.S.	Case	1
T-3	NP-96-TTC	Nameplate	1
T-4	252-SP	Pins nameplate	4
T-5	500111	Plug-1/8" - 27 N. P. T. F.	2
T-6	70-223-26	Gasket-output shaft bearing cap	2
T-7	98-19-4	Cap-output shaft bearing (open end)	1
T-8	545002-4	Screw-3/8"-16 x 1 1/8" hex head nylon patch	8
T-9	22-463-13	Oil Seal-output shaft	1
T-12	98-19-3	Cap-output shaft bearing (closed end)	1
T-14	70-223-23	Gasket-reverse shaft bearing cap	2
T-15	70-22-16	Cap-reverse shaft bearing	2
T-16	545002-1	Screw-3/8"-16 x 7/8" hex head nylon patch	8
T-17	70-155-4	Gasket - P.T.O. to Auxiliary	1
T-18	545028	Screw-7/16"-14 x 1 1/4" hex head nylon patch	8
N.S.	237-V	Stud 7/16" 14 --- 20 x 1 7/8"	2
T-19	330547	Lock washer - 7/16" (external tooth)	2
N.S.	500371-4	Nut - 7/16" - 20	2

Ref. No.	Part No.	Basic Assembly	313254X
SHIFTER PARTS			
Y-7	50-80-1	Ball - poppet	3
Y-8	22-72-5	Spring poppet	1
Y-9	30-59-4	Retainer-poppet spring	1
Y-10	98-67-13-1X	Rod and Bushing Assembly - Use with M/S 98-362-3	1
Y-11	N.S.S.	Shift Rod	1
Y-12	71-24-14	Bushing - shift rod	1
Y-13	70-12-1	Interlock	1
Y-14	98-66-10	Fork - 3rd & 4th shift	1
Y-15	545063	Screw - 7/16" - 20 x 13/16" square head nylon patch	2
Y-16	22-72-2	Spring poppet	2
Y-17	854-D	Plug - poppet spring	2
Y-18	98-67-2-1X	Rod & Bushing Assembly - 1st & 2nd shift (includes Y-20)	1
Y-19	N.S.S.	Shift Rod	1
Y-20	71-24-4	Bushing - shift rod	1
	98-66-3	Fork - 1st & 2nd shift	1
Y-23	61-463-4	Oil Seal - shift rod	4
ADAPTER PLATE PARTS			
K-1	98-215-3	Adapter Plate MUST be ordered separately	1
K-2	98-155-1	Gasket Adapter plate to Auxiliary	1
K-3	500504-5	Screw 7/16" 14 x 7/8" socket head	2
K-4	275-SP	Dowel Pin	2
K-5	16-W	Washer 7/8" I.D. case anchor spacer	4
K-6	500371-9	Nut 7/8" 14 (Not included in Assembly)	2

Tab No.	Used with Auxiliary	Location of Output Shaft	Companion Flange	
			Part No.	Series
313254 -1X	ATO1000-4 & ATO1750-4	Rear		
313254 -2X	ATO1000-4 & ATO1750-4	Rear		
313254 -3X	ATO1000-4 & ATO1750-4	Front		
313254 -4X	ATO1000-4 & ATO1750-4	Front		
313254 -5X	ATO1000-4 & ATO1750-4	Front		
313254 -6X	ATO1000-4 & ATO1750-4	Front	3-1-4011	1410
313254 -7X	ATO1000-4 & ATO1750-4	Rear	3-1-4011	1410
313254 -8X	ATO1000-4 & ATO1750-4	Front		
313254 -9X	ATO1000-4 & ATO1750-4	Rear	3-4-3291	1350
313254 -10X	ATO1000-4 & ATO1750-4	Rear	3-1-4011	1410

Tab No.	Lockout Sleeve		Shift Rod Assembly		
	Part No.	Gear	• 1st only	•• 1st & 2nd	P.T.O.
313254 -1X			• 98-67-2 -1X		98-67-4 -1X
313254 -2X			• 98-67-2 -1X		98-67-4 -1X
313254 -3X			• 98-67-2 -1X		98-67-4 -1X
313254 -4X			• 98-67-2 -1X		98-67-4 -1X
313254 -5X	60-203-14	OD	• 98-67-2 -1X		98-67-4 -1X
313254 -6X			• 98-67-2 -1X		98-67-4 -1X
313254 -7X			• 98-67-2 -1X		98-67-4 -1X
313254 -8X	60-203-14	OD	• 98-67-2 -1X		98-67-4 -1X
313254 -9X			• 98-67-2 -1X		98-67-4 -1X
313254 -10X	60-203-14	OD	• 98-67-2 -1X		98-67-4 -1X

TOP MOUNTED POWER TAKE OFF

Superseding List

Part No.	Model	Use
313221-1X	1241/ATO	313254-1X
313221-2X	1241/ATO	313254-2X
313221-3X	1241/ATO	313254-3X
313221-4X	1241/ATO	313254-4X
313221-5X	1241/ATO	313254-5X
313221-6X	1241/ATO	313254-6X
	1241/ATO	313254-7X
	1241/ATO	313254-8X
	1241/ATO	313254-9X
	1241/ATO	313254-10X

NEED THESE PARTS? 239 Spicer AMO1750-4 parts, priced online >>

Call 877-776-4600

Companion Flanges & Flange Yokes

T210-59

Joint Series	Flange Diameter	Companion Flange Sub-Assembly	Consists of		End of Hub to Flange Face Length	Pilot Diameter F-Female M-Male	Used with	
			Companion Flange	Flinger			Flange Yoke	Flange Yoke 1650 Series

Output End of Shaft 1.377" Ten Spline

1350-1410	45/8"	3-1-4011			27/16"	F-2 3/4"	3-2-159	
1480	55/8"	4-1-4691			25/8"	F-3 3/4"	4-2-669	

End Yoke

Joint Series	End Yoke Sub-Assembly	Consists of		End of Hub to Center Line Length	Joint Angle
		Yoke	Flinger		

Output End of Shaft 1.377" Ten Spline

1260-1310		2-4-1731		37/16"	18°
1350		3-4-3291		3 11/16"	22 1/2°

Bearing Kits - Cylindrical Roller Style

Ref. No.	Part No.	Part Name	For Assembly No.	313232X	313254X
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312476-22X

Bearing Kit - 1241/ATO10004-4, ATO1750-4

W-10	550940	Cylindrical-output shaft		1	1
U-4	550912	Cone - intermediate shaft front bearing		2	2
U-5	55Q913	Cup - intermediate shaft front bearing		1	1
U-10	550228	Cup - intermediate shaft rear bearing		1	1
U-11	550183	Cone - intermediate shaft rear bearing		1	1
V-7	550941	Cylindrical - reverse shaft bearing		2	2

The Name Plate (NP-96) affixed to the TOP of the case is stamped with information:

SERIAL

B/M No. MODEL

In requesting more information on these furnish the B/M No. and the Serial Number. Abbreviations used in this parts list include:

N.S. - Not Shown

N.S.S. - Not Sold Separately

N.R. - Not Required

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