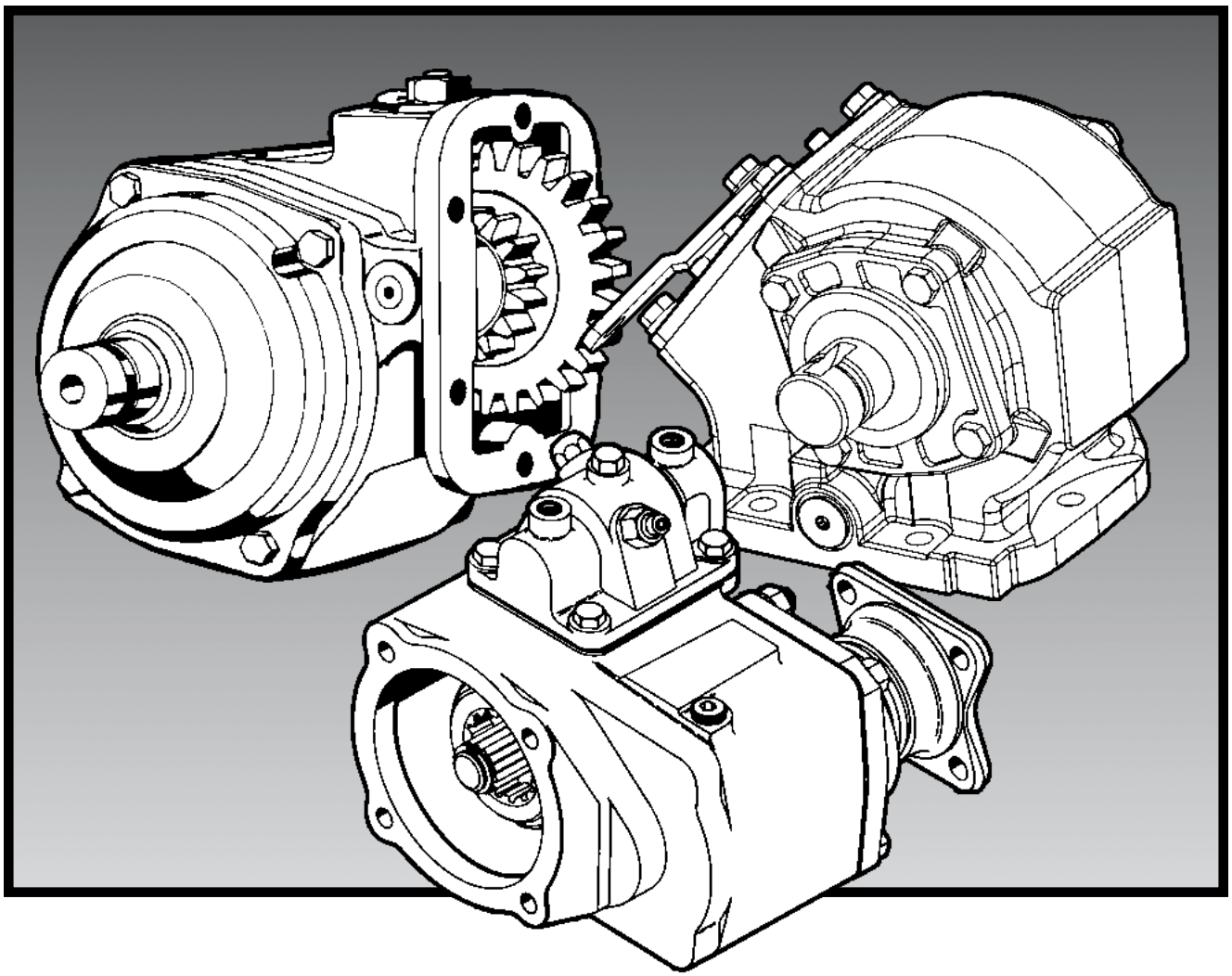
CHELSEA®

Bulletin HY25-2340-M1/US

Parts List
340 Series

Effective: March 15, 2002
Supersedes: P410-340 Dated June 1995



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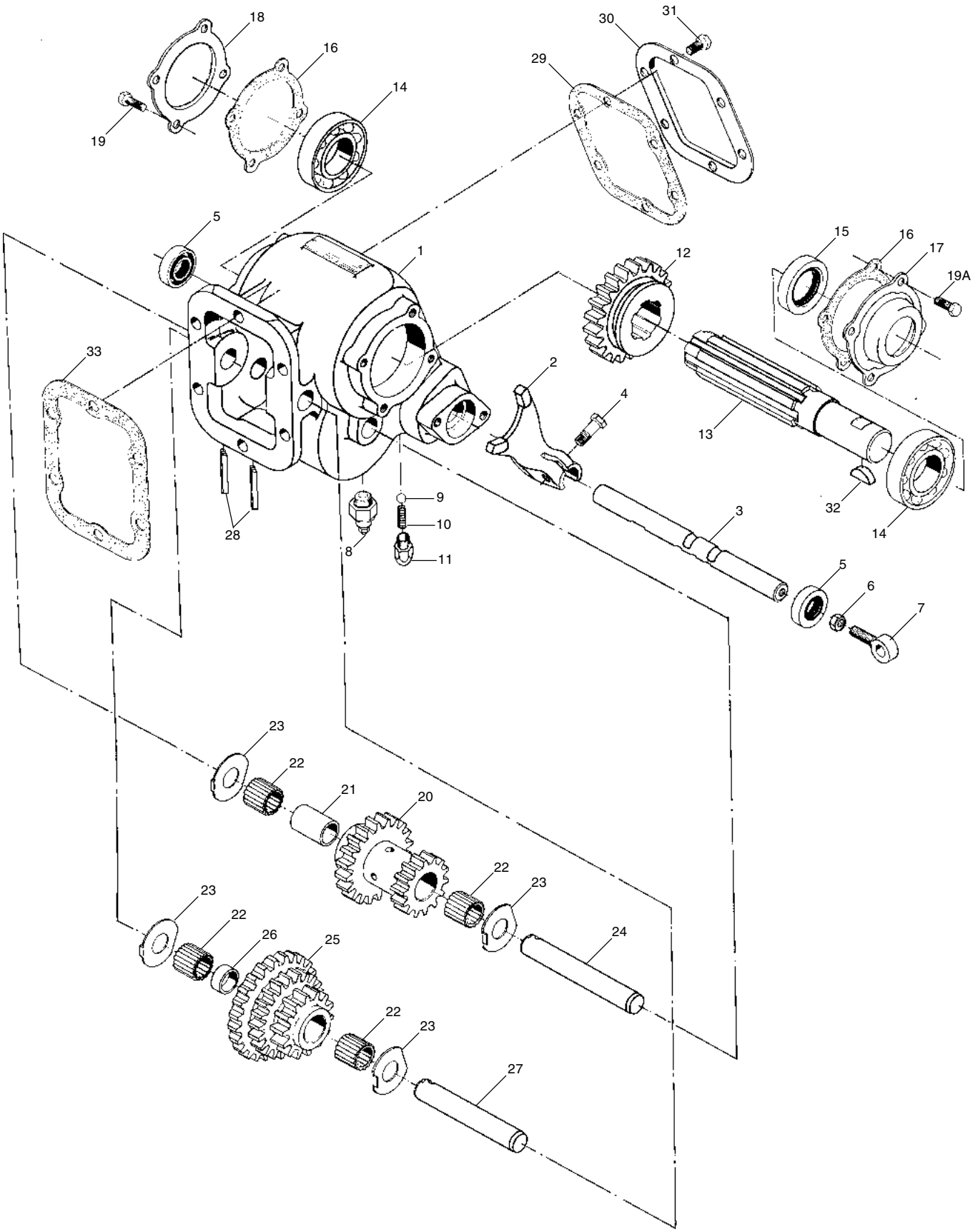

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Item	Part Number	Description	Quantity
1	**1-P-384**	Housing, Standard Mount	1
	1-P-502	Housing, Deep Mount	1
2	**32-P-67**	Shifter Fork	1
3	**11-P-125**	Shifter Shaft	1
4	**379687-12**	Screw, Self-Locking Hex head (.375" - 16 x 1.25")	2
5	**28-P-207**	Oil Seal (1.375" Outside Diameter)	2
N.S.	**65-P-23**	Shifter Shaft Cover	1
N.S.	**378430-4**	Hex Head Capscrew (.312"-18 X .50")	2
6	**500381-3**	Jam Nut (.375" - 24)	1
7	**36-P-1**	Eye Bolt	1
8	**379639**	Indicator Switch	1
9	**378002**	Shifter Ball (.437" Diameter)	1
10	**37-P-41**	Shifter Spring	1
11	**378554**	Spring Cap	1
12	**2-P-558**	Gear, Output (27 Teeth)	1
13	**3-P-763**	Driveshaft, Output	1
14	**550010**	Ball Bearing	2
15	**28-P-224**	Oil Seal (2.062" Outside Diameter)	1
16	**22-P-71**	Bearing Cap Gasket	2
17	**21-P-641**	Bearing Cap, Output	1
18	**21-P-46**	Bearing Cap, Closed End	1
19	**378430-8**	Screw, Self-Locking Hex Head (.312"-18 x .750")	4
19A	**378430-10**	Screw, Self-Locking Hex Head (.312"-18 x 1.00")	4
20	**33-P-69**	Gear, Reverse Idler (20-14 Teeth)	1
21	**14-P-33**	Spacer, Roller Bearing, Reverse Idler (1.421" Diameter)	1
22	**550890**	Roller Bearing	4
23	**31-P-80**	Thrust Washer	4
24	**39-P-3**	Shaft, Reverse Idler (5.375" Long)	1
25	**See Chart Pg. 4**	Gear, Input	1
26	**14-P-32**	Spacer, Roller Bearing, Input Idler (.375" Diameter)	1
27	**9-P-60**	Shaft, Input Idler (4.875" Long)	1
28	**500597-18**	Roll Pin	2
29	**35-P-59**	Cover Gasket (.032")	1
30	**34-P-16**	Cover	1
31	**378431-4**	Screw, Self-Locking Hex Head (.375" - 16 x .500")	6
32	**500007-29**	Woodruff Key (.312" x 1.062")	1
		Loose Parts	
	328948-6X	Gasket & Installation Instructions	1
33	**35-P-9-1**	Gasket, Housing (.010")	A.R.
	35-P-9-2	Gasket, Housing (.020")	A.R.
		P.T.O. Mounting Stud Kits	
N.S.	**7170-1X**	Stud Kit (340X)	1
N.S.	**7-A-140**	P.T.O. Spacer (Standard Mount Only) (340X)	1
N.S.	**328170-95X**	Stud Kit (340S & 340Z)	1
		Service Kits	
	328356-24X	Gasket & Seal Kit	1
	328356-27X	Seal Kit, Air Shift Cover	1
	328751-1X	Wire or Lever Installation Kit	1

N.S. — Not Shown A.R.—As Required

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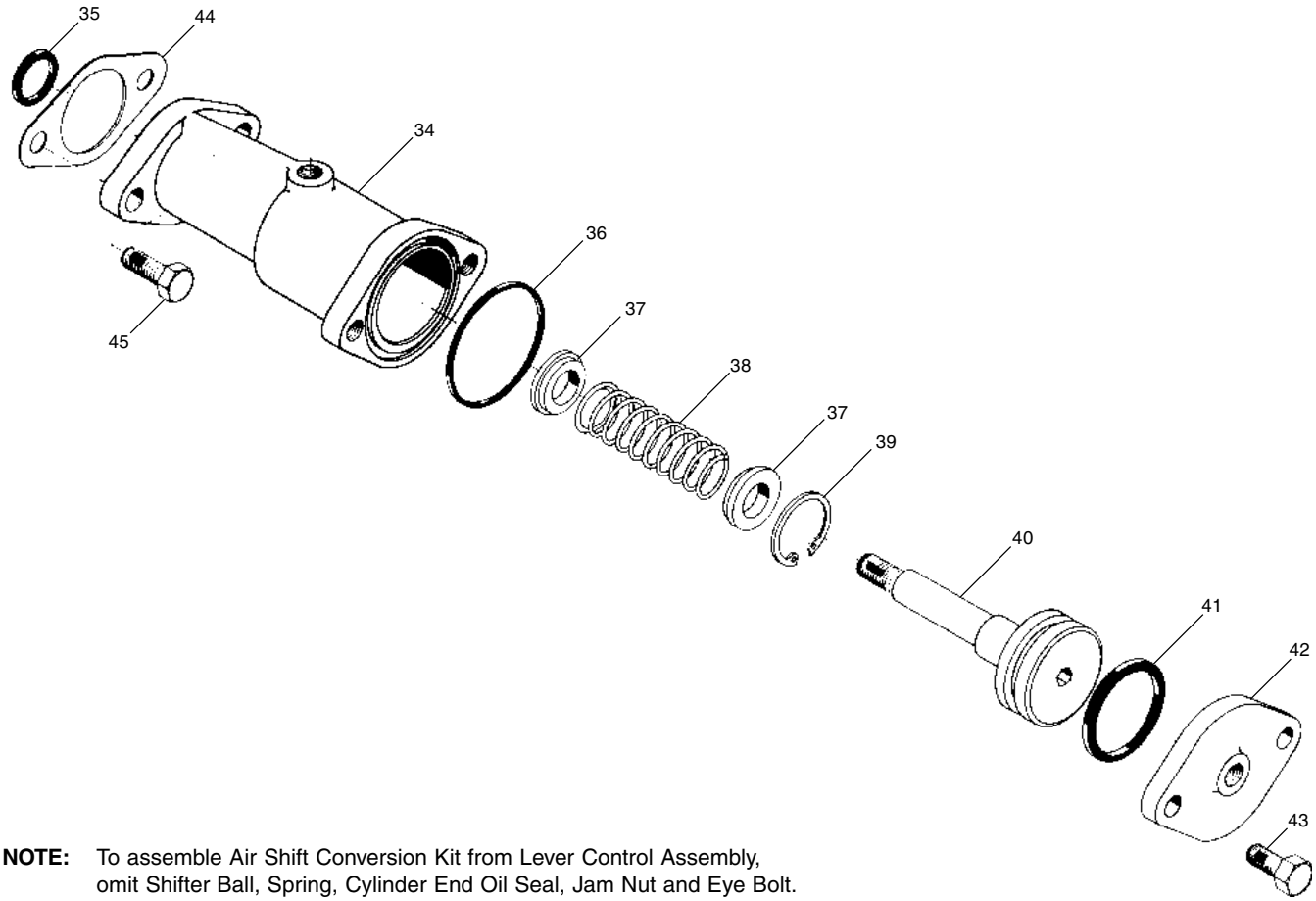

NOTE: To assemble Air Shift Conversion Kit from Lever Control Assembly, omit Shifter Ball, Spring, Cylinder End Oil Seal, Jam Nut and Eye Bolt.

Item	Part Number	Description	Quantity
	328911X	Air Shift Cover Assembly (G4 & A5)	
	328912X	Air Shift Cover Assembly (A4 & G5)	
		(Includes Items 34-43)	
	328819X	Air Shift Sub Assembly	
34	**65-P-15**	Cylinder	1
35	**28-P-71**	O-Ring (.875" Outside Diameter)	1
36	**28-P-250**	O-Ring (2.0" Outside Diameter)	1
37	**379102**	Spring Retainer Washer	2
38	**37-P-50**	Spring	1
39	**379103**	Retainer Ring	1
40	**66-P-11**	Piston	1
41	**28-P-61**	O-Ring (1.825" Outside Diameter)	1
42	**34-P-81**	Cylinder Cap	1
43	**378430-9**	Screw, Self-Locking Hex Head (.312" - 18 x .875")	2
44	**35-P-14**	Cylinder Mounting Gasket	1
45	**378430-9**	Screw, Self-Locking Hex Head (.312" - 18 x .875")	2
N.S.	**328388-40X**	Air Shift Installation Kit	1
		Conversion Kit	
	382390-92X	Lever to Air (All Assemblies)	1

N.S. — Not Shown

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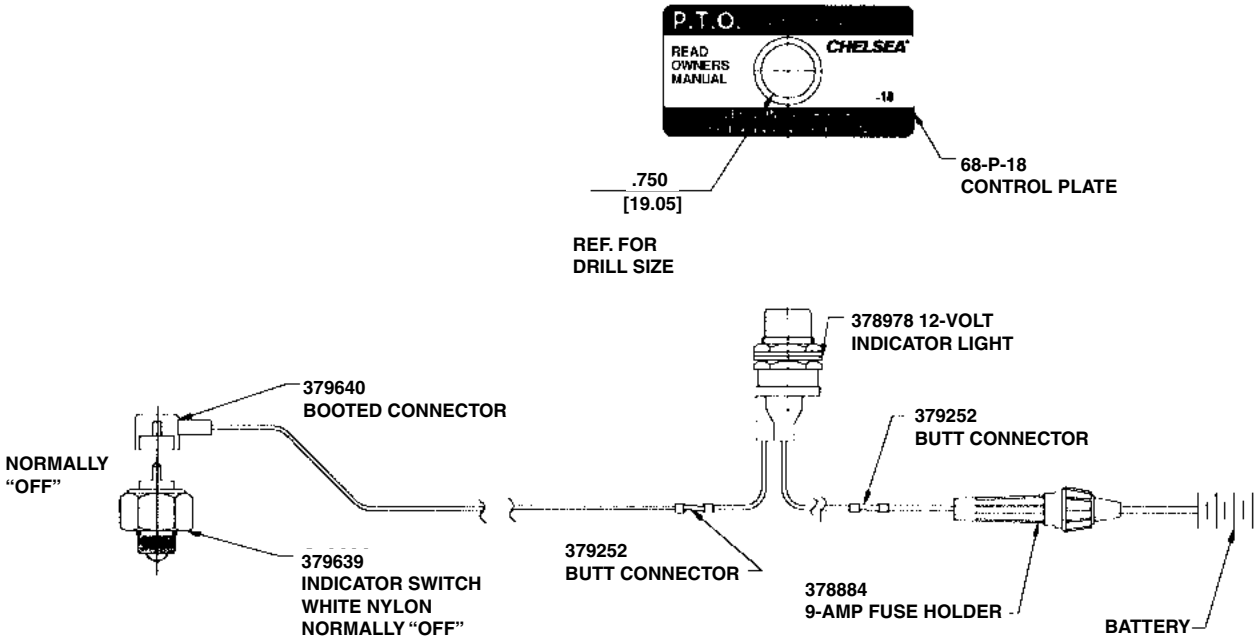
Lever Control Indicator Light Installation Kit 328751-1X



Input Gear Chart

P.T.O. Model	Input Gear	Number Teeth	Transmission Applications	Helix Angle
340*FAB	**5-P-579**	19-21-14	Universal 5-Pitch	Spur
340*FAH	**5-P-581**	23-21-24	Universal 6-Pitch	Spur
340*FAP	**5-P-845**	21-21-14	Spicer CM-4954A & D, ES-52-5A & D	Left Hand
340*FAR	**5-P-582**	21-21-14	Spicer CM60, 6000 Series	Left Hand
340*FBG	**5-P-580**	23-21-14	Spicer 5000 Series & ES60-5A, C & D	Left Hand
340*FBQ	**5-P-720**	25-21-14	Chev. CH465, SM465 & Spicer ES42-5A & 5D	Left Hand
340*FDA	**5-P-634**	23-21-14	Mack 2080	Spur
340*FDB	**5-P-803**	39-21-14	Fuller T-8607A & B, T-1106, T-1107A & B	Spur
340*FDJ	**5-P-921**	28-21-14	Renault BDSL-2142	Left Hand
340*FDU	**5-P-883**	28-21-14	Fuller FS-5506, 7206A & 8206A	Left Hand
340*FEC	**5-P-896**	36-21-14	Zed F S5-42 Close Ratio	Left Hand
340*FED	**5-P-897**	34-21-14	Zed F S5-42 Wide Ratio	Left Hand
340*FES	**5-P-884**	22-21-14	Fuller FS-5106A, FS-6005A	Left Hand
340*FET	**5-P-948**	23-21-14	Fuller FS-6005B, FS-6105B	Left Hand
340*FEW	**5-P-886**	20-21-14	Fuller FS-3005A & B & 4005	Left Hand
340*FFN	**5-P-931**	26-21-14	Spicer ES52-7A, ESO65-7A	Left Hand
340*FFP	**5-P-992**	23-21-14	Renault G405, G406	Left Hand
340*FJW	**5-P-1404**	23-21-14	Eaton	Left Hand
340*FHY	**5-P-1245**	26-21-14		Left Hand
340*FJU	**5-P-1377**	25-21-14		Left Hand
340SFDM	**5-P-726**	16-21-14	CL-450,CL-455	Left Hand
340SFDMX	**5-P-727**	17-21-14	CL-451	Left Hand

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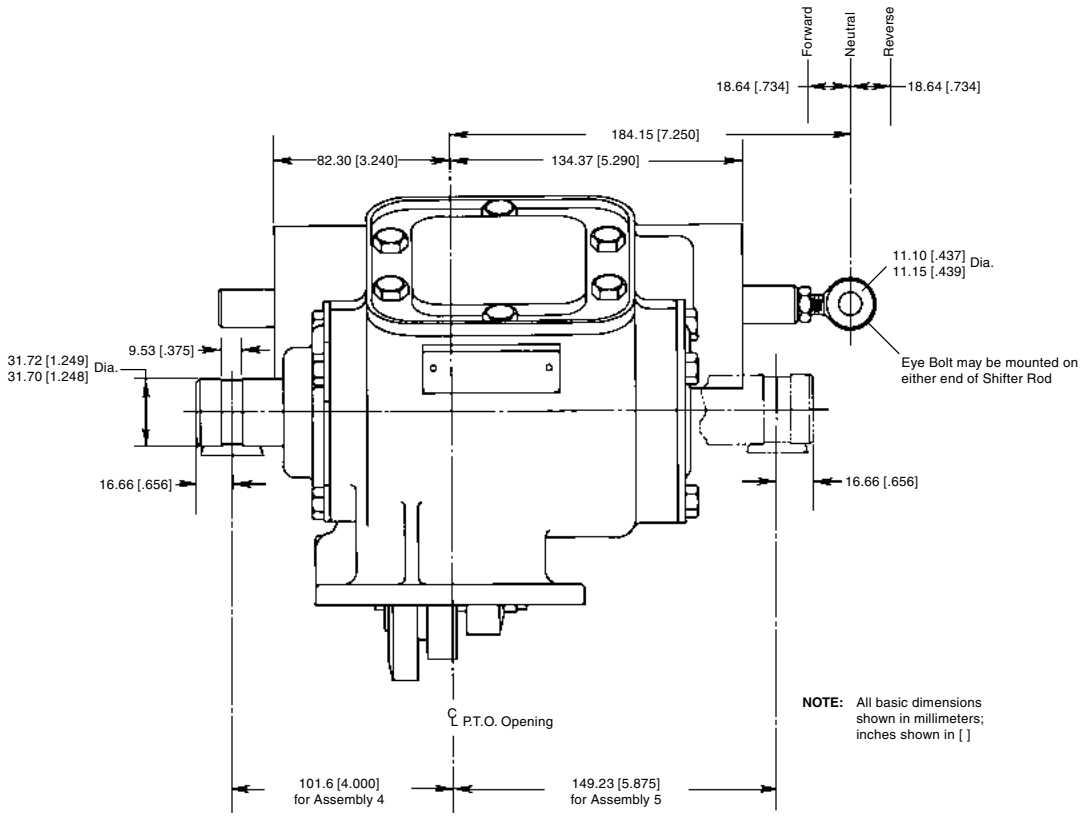

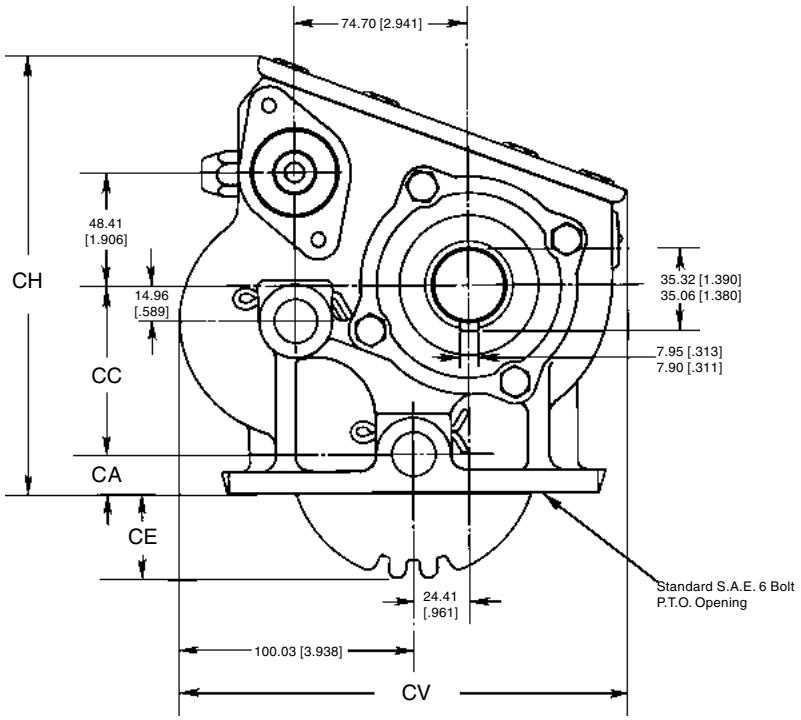

P.T.O. Series	CA	CC	CE	CH	CV
340X (with 7-A-140)	.798	2.843	1.280	7.515	7.562
340S (without 7-A-140)	.658	2.843	1.420	7.375	7.562
340Z	.573	2.843	1.505	7.290	7.562

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Model Number Designation

340 Series

340 X F AB X - Y 4 XD

Basic Model
340 Series

Mounting Type
X = Standard Mount (Includes 7-A-140)
S = Special Deep Mount (Does not include 7-A-140)
Z = Standard Deep Mount

Gear Ratio
F = .520:1

Input Gear Designator

Lubrication
X = No Option Available

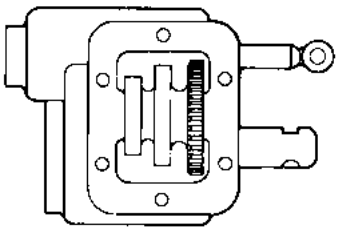
Output Type Dual Shaft
XD = 1.25" Round

Assembly Arrangement
4, 5

Shifter Type
***A** = Air Shift (w/cylinder same side as output)
***G** = Air Shift (w/cylinder opposite output)
Y = Lever

* Remove Ball & Spring (Items #9 & 10) when air shift cylinder is added to unit. Neutral spring in air cylinder does not develop enough pressure to over come Spring & Poppet ball, in poppet cap

Assembly Arrangements



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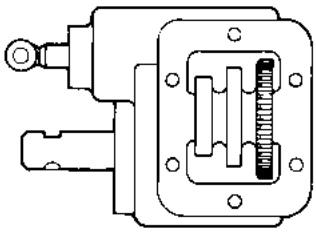

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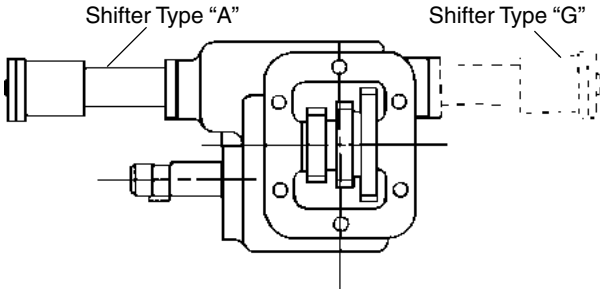

Specifications

Torque Rating	200 Lbs. Ft.*
Horsepower Rating 500 RPM of Output Shaft 1000 RPM of Output Shaft	 19* 38 *
Approximate Weight	38 Lbs.

* Based on Intermittent Service

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Notes

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3. Delivery: Unless otherwise provided on the face hereof, delivery shall be made F.O.B. Seller's plant. Regardless of the method of delivery, however, risk of loss shall pass to Buyer upon Seller's delivery to a carrier. Any delivery dates shown are approximate only and Seller shall have no liability for any delays in delivery.

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10. Indemnity For Infringement of Intellectual Property Rights: Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Part 10. Seller will defend and indemnify Buyer against allegations of infringement of U.S. Patents, U.S. Trademarks, copyrights, trade dress and trade secrets (hereinafter 'Intellectual Property Rights'). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using said item, replace or modify said item so as to make it noninfringing, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to items delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any item sold hereunder. The foregoing provisions of this Part 10 shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.
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