



**X1400LS3-AA,**

**Page 1 of 3**

**Effective date 07/01/2007**

**Effective serial # 74362**

Model 1400 Shaft/Spindle Drive Ratio Breakdown	Unit	104	155	201	163	243	314
	Stg I	3.95	5.87	7.59	3.95	5.87	7.59
	Stg II	4.96	4.96	4.96	7.76	7.76	7.76
	Stg III	5.33	5.33	5.33	5.33	5.33	5.33

		CORE UNIT:		1400LS-26	1400LS-41	2-STAGE+3-STAGE CORE
		<b>MODEL 1400 SPINDLE DRIVE</b>		26.48:1 4.96:1 5.33:1	41.41:1 7.76:1 5.33:1	EITHER RATIO + 3RD STAGE
Item #	QTY.	Description	Part Number	Part Number	Part Number	
1	1	BASE	CODE A - FLANGED	60-004-3044		SEE 2-STAGE
			CODE A - FLANGED W/ BRG GREASE ZERK	60-004-3044Z		SEE 2-STAGE
			CODE F - FLANGELESS	60-004-3138		SEE 2-STAGE
			CODE F - FLANGELESS W/ BRG GREASE ZERK	60-004-3138Z		SEE 2-STAGE
			CODE CA or CF - CUSTOM	(CUSTOM P/N)		SEE 2-STAGE
2	1	SPINDLE	CODE S1 - 12X 1-1/8 UNF ON 15.00 B.C.	60-004-4052L		SEE 2-STAGE
			CODE C1 - CUSTOM	(CUSTOM P/N)		SEE 2-STAGE
3	1	COVER #1	CODE D - SAE 'D' (4 BOLT)	60-004-1074		60-004-1934
			CODE E - SAE 'E' (4 BOLT)	60-004-1564		
4	1	INPUT GEAR#1	CODE 9 (13T, 8/16 SPLINE)	60-004-1122	60-004-1142	---
			CODE 5 (15T, 8/16 SPLINE)	PNNYA	60-004-1552	---
			CODE 8 (16T, 8/16 SPLINE)	60-004-1402	60-004-1492	SEE 2-STAGE
5	1	<b>SEC CARR ASSY-5.33:1(1400)</b>		<b>60-005-2133</b>		SEE 2-STAGE
5A	1	CARRIER SEC; 4-PLANET		60-004-1774		SEE 2-STAGE
5B	4	PLANET GEAR; SEC		60-004-1232		SEE 2-STAGE
5C	4	PLANET SHAFT; SEC		60-004-1262		SEE 2-STAGE
5D	8	CONE; SEC. PLNT		01-102-0210		SEE 2-STAGE
5E	8	CUP; SEC.PLNT				SEE 2-STAGE
5F	4	RETAINING RING; PLANET SHAFT		01-160-0490		SEE 2-STAGE
5G	8	RETAINING RING; PLANET BORE		01-160-0500		SEE 2-STAGE
5H	8	WASHER; SEC		60-004-1291		SEE 2-STAGE
5J	8	SHIM; SEC. PLNT		60-004-1321		SEE 2-STAGE
5K	4	ROLL PIN; 1/4 x 1 3/8		01-153-0150		SEE 2-STAGE
5L	1	PLATE; SEC CARRIER RETAINER		60-004-1352		SEE 2-STAGE
6	1	SUN GEAR -SECONDARY		60-004-1792		SEE 2-STAGE
7	1	<b>PRIMARY CARRIER ASSY-1400</b>		<b>60-005-2113</b>	<b>60-005-2123</b>	SEE 2-STAGE
7A	1	CARRIER; PRIMARY		60-004-1372	60-004-1722	SEE 2-STAGE
7B	3	PLANET GEAR; PRIMARY		60-004-1862	60-004-1872	SEE 2-STAGE
7C	3	PLANET SHAFT; PRIMARY		60-004-1272		SEE 2-STAGE
7D	6	THRUST WASHER; PRIMARY PLANET		60-004-1881		SEE 2-STAGE
7E	12	SPACER WASHER; PRI ROLLER; 4 PER SHAFT		60-004-1891		SEE 2-STAGE
7F	168	LOOSE ROLLER; 2 X 28 PER SHAFT		01-106-0050		SEE 2-STAGE
7G	3	ROLL PIN; 1/4 x 1 3/8		01-153-0150		SEE 2-STAGE
7H	3	RETAINING RING; PLANET BORE		01-160-0750		SEE 2-STAGE
12A	1	RING GEAR; SEC.		60-004-1243		SEE 2-STAGE
12B	1	RING GEAR; SIMPLE PRI		60-004-1193		SEE 2-STAGE
14A	2	THRUST RACE; PRI CARR		01-112-0350		SEE 2-STAGE
14B	1	THRUST BRG; PRI CARR		01-112-0340		SEE 2-STAGE
14C	1	THRUST RACE; INPUT GEAR		01-112-0060		SEE 2-STAGE
16A	1	SEAL; METAL FACE		01-406-0010		SEE 2-STAGE
16B	1	SEAL-RUBBER/FACE		01-406-0020		SEE 2-STAGE
16C	3	O-RING; RING GEAR		01-402-0660		SEE 2-STAGE
20A	1	BRG CONE; OUTER		01-102-0190		SEE 2-STAGE

X1400LS3-AA

Page 2 of 3

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<b>Unit</b>	<b>104</b>	<b>155</b>	<b>201</b>	<b>243</b>	<b>314</b>
<b>Stg I</b>	<b>3.95</b>	<b>5.87</b>	<b>7.59</b>	<b>5.87</b>	<b>7.59</b>
<b>Stg II</b>	<b>4.96</b>	<b>4.96</b>	<b>4.96</b>	<b>7.76</b>	<b>7.76</b>
<b>Stg III</b>	<b>5.33</b>	<b>5.33</b>	<b>5.33</b>	<b>5.33</b>	<b>5.33</b>

20B	1	BRG CUP; OUTER		01-103-0190	SEE 2-STAGE	
20C	1	BRG CONE; INNER		01-102-0230	SEE 2-STAGE	
20D	1	BRG CUP; INNER		01-103-0230	SEE 2-STAGE	
25A	3	FLAT HD SOC C.S.; SEC CARR RET. (3/8-24X1 GR-8)		01-150-1590	SEE 2-STAGE	
25C	20	HHCS (3/4-10 x 10.5 GRD 8)		01-150-1580	SEE 2-STAGE	
25D	20	HARDWASHER; 3/4; 1.25 O.D.		01-166-0350	SEE 2-STAGE	
30A	4/6	PIPE PLUG (3/4 NPT MAGNETIC)		01-207-0100	SEE 2-STAGE	
30B	1	GR. FIT; STR. 1/8 NPT (O.D. of spindle flange)		01-215-0010	SEE 2-STAGE	
30C	1	PIPE PLUG; 1/8 NPT (face of spindle flange)		01-207-0030	SEE 2-STAGE	
30D	1	PIPE PLUG; 1/4 NPT (face of spindle shaft)		01-207-0020	SEE 2-STAGE	
30E	(1)	GR. FIT; STR.; 1/4 NPT ('Z' OPTION)		(01-215-0040)	SEE 2-STAGE	
35A	2	SHIM; OUTPUT SHAFT		60-004-1311	SEE 2-STAGE	
35B	1	SPLIT RING (L-SEGMENT)		60-004-1482	SEE 2-STAGE	
35C	1	LOCK RING		60-004-1472	SEE 2-STAGE	
35D	1	RETAINING RING; INPUT HOI #5008-400		01-160-0510	SEE 2-STAGE	
<b>MODEL 440 THIRD STAGE</b>			<b>CORE UNIT:</b>	<b>1400-440-4</b>	<b>1400-440-5</b>	<b>1400-440-7</b>
			<b>3RD-STAGE RATIO:</b>	<b>3.95</b>	<b>5.87</b>	<b>7.59</b>
52	1	SPLINED ADAPTOR SHAFT		60-004-1902		
53	1	COVER #2	SAE 'C' 2 BOLT AND 4 BOLT	42-004-2012		
			SAE 'D' 4 BOLT	42-004-2022		
			SAE 'E' 4 BOLT	42-004-2032		
54A	1	INPUT GEAR	INPUT GEAR 13 TOOTH, 8/16	42-004-1152	42-004-1162	42-004-1172
54B	(1)		FOR 14 TOOTH, 12/24, USE ADAPTER	98-005-1141		
<b>55</b>	<b>1</b>	<b>CARRIER ASSY - THIRD STAGE</b>		<b>42-005-0101</b>	<b>42-005-0111</b>	<b>42-005-0121</b>
55A	1	CARRIER - 3RD STAGE		42-004-1062	42-004-1072	42-004-1282
55B	3	PLANET GEAR - 3RD STAGE		42-004-1102	42-004-1112	42-004-1272
55C	3	PLANET SHAFT - 3RD STAGE		42-004-1342		
55D	6	THRUST WASHER - 3RD STAGE PLANET		42-004-1362		
55E	6	SPACER WASHER - 3RD STAGE ROLLER		42-004-1352		
55F	60	LOOSE ROLLER; 20 PER SHAFT		01-106-0040		
55G	3	ROLL PIN; 3/16 X 1-3/4		01-153-0220		
55H	1	RETAINING RING - ADAPTOR SHAFT		01-160-0690		
62	1	RING GEAR - PRIMARY		42-004-1042		
64A	2	THRUST WASHER		01-112-0400		
64B	1	THRUST BEARING		01-112-0410		
66	2	O-RING - RING GEAR		01-402-0840		
75A	20	HEX HEAD CAPSCREW 5/8-11 X 4.5 GR 8		01-150-0870		
75B	20	LOCKWASHER 5/8		01-166-0040		
80	2	PLUG - COVER #2		01-208-0030		
85	1	RETAINING RING - ADAPTOR SHAFT		01-160-0690		

X1400LS3-AA

Page 3 of 3

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