** - Indicates Certified Version of Model*

TOOL MODEL	Motor	Gearing	Output	Additional Reference Material				
				Ref (a)	Ref (b)	Ref (c)	Ref (d)	Ref (e)
A30LA	350	356	354	355				
A30LA	364	356	354					
A30LA2	364	356	413	355				
A30LA2	350	369	413					
A30LA2ATA	368	369	413					
A30LA2ETA	307	308	309					
A30LA2ETA*	485	486	487					
A30LA2ATAXG	342	3037	413	277				
A30LA2AXVG	3036	3037	413	276	277	498		
A30LA2J	341	369	413					
A30LA2TA	368	369	413					
A30LA2TAJ	341	369	413					
A30LA2TAX	342	344	413	277				
A30LA2XVG	3036	344	413	274	276	498		
A30LA2XVG	336	344	413	274	276	498		
A30LA4HTA	368	356	407	413 REF	355			
A30LATA	368	356	354	355	AIA Output			
A30LATAS	368	369	354	389 REF				
A30LB	392	391						
A30LBTA	368	391						
A30LBTAJ	341	391						
A30LQA	350	349	354	355				
A30LRA	351	356	354					
A30LRA2	351	369	413					
A30LRA2ATA	387	369	413					
A30LRA2ETA	387	3037	413	356				
A30LRA2TA	387	356	413					
A30LRATA	387	356	354		AIA Output			
A30LRBTA	387	391						
A30MF	377	395	376					
A30MFS-X	390	395 REF	376	M3080 REF				
A30MFSJ	M3222	395 REF	376		F3042			
A30P	350	330						
A30PQTA	386	363						
A30SB	340	391						
A30SBJ	338	391						
A30SBTA	339	391						
A30U	3050	330						
A30UBTA	3086	391						
A30UJ	3043	330						
A30UQTA	3086	363						
A30UR	3051	330						
A30URBTA	3086	391						
A30URJ	3043	330						
A30URQTA	3086	363						
A30URTA	3086	330						
A30US	3150	330						
A30USC	3150	358						
A30USJ	3143	330						
A30USQTA	3186	363						
A30USR	3151	330						
A30USRJ	3243	330						
A30USRQTA	3286	363						
A30UTA	3086	330						
A32LA1CT	901		904					
A32LA1CTSS	901REF		904					
A32LA2ACT	901		413					
A32LA2ACTSS	901REF		413					
A32LA2ACTXG	907		413					
A32LRAACT	901		354					
A32LRAACTSS	901REF		354					
A32LRA1CT	901		904					
A32LRA1CTSS	901REF		904					
A32LRA1ACT	901		904					
A32LRA1ACTXG	907		904					
A32LRA2ACT	901		413					
A32LRA2ACTXG	907		413					
A32LRA2ACTSS	901REF		413					
A32LA1ACTXG	907		904					
A3_MF_CTSS	Click Here							

** - Indicates Certified Version of Model*

TOOL MODEL	Motor	Gearing	Output	Additional Reference Material				
				Ref (a)	Ref (b)	Ref (c)	Ref (d)	Ref (e)
A32MFOCTSS	Click Here							
A32PRCT	905							
A33LA1ACT	900		904					
A33LA1ACTSS	900REF		904					
A33LA1ACTXG	906		904					
A33LA2ACT	900		413					
A33LA2ACTSS	900REF		413					
A33LA2ACTXG	906		413					
A33LA3CT	900		415					
A33LA3CT-2	Click Here		415					
A33LA3CTSS	900REF		415					
A33LA3CTXG	906		415					
A33LA3HCT	900		**N4607**					
A33LA4CT	900		424					
A33LA4CT-X	900		424	280				
A33LA4HCT	Click Here		407	407				
A32LBCT	901REF		A8609					
A33LB2CT	900REF		A8354					
A33LB2CTSS	900REF		A8354					
A33LB2CTXG	900REF		A8354					
A33LRA1ACT	900		904					
A33LRA1ACTSS	900REF		904					
A33LRA1ACTXG	906		904					
A33LRA2ACT	900		413					
A33LRA2ACTSS	900REF		413					
A33LRA2ACTXG	906		413					
A33LRA3CT	900		415					
A33LRA3CT-1	Click Here		415					
A33LRA3CTSS	900REF		415					
A33LRA3CTXG	906		415					
A33LRA3HCT	Click Here		N4607					
A33LRA4CT	Click Here		424					
A33LRA4CT-X	Click Here		424	280				
A33LRA4HCT	Click Here		407					
A32LRBCT	901REF		A8609					
A32LBCTSS	901REF		A8609					
A32LRBCTSS	901REF		A8609					
A33LRB2CT	900REF		A8354					
A33LRB2CTSS	900REF		A8354					
A40LA2-X	412	427	415					
A40LA2	412	411	415					
A40LA2AJ-X	419	427	415					
A40LA2HTPJM	419	411	415REF					
A40LA2HTPM	416	411	415REF					
A40LA2TA	A4667	411	415					
A40LA2TA*	A4667	481	483					
A40LA2TAJSM	B4834	411	415					
A40LA2TAXNGZ	426	273	415	270	274			
A40LA2TPX	271	273	415	274				
A40LA2XNV	272	273 REF	415	270	274	276	498	
A40LA2XVG	272	273	415	274	276	498		
A40LA2XXVG	M4630 P/L	273 REF	415	272 REF	276	498		
A40LA2XXVG	272	273 REF	415	276	280	498		
A40LA3HTA	A4667	411	407					
A40LA3HTPJM	419	411	407					
A40LA3HTPM	416	411	407					
A40LA3HXXVG	272	273 REF	407	276	280	498		
A40LA3JM	422	411	424					
A40LA3TAJM-X	B4834	427	424					
A40LA3TPJM	419	411	424					
A40LA3TPM	416	411	424					
A40LA3TPM*	480	481	484					
A40LA4HTPJ	419	475	512REF					
A40LA4TPJ	419	475	512					
A40LA4TP	416	475	512					
A40LA5HTPJM	419	475	512REF					
A40LA5HTPJ	419	475	512REF					
A40LA5TPJ	419	475	512					
A40LA5TP	416	475	512					
A40LATPJM	419	411	413					

** - Indicates Certified Version of Model*

TOOL MODEL	Motor	Gearing	Output	Additional Reference Material				
				Ref (a)	Ref (b)	Ref (c)	Ref (d)	Ref (e)
A40LATPM	416	411	413	TA Housing				
A40LATPM*	480	481	482					
A40LATPX	271	273	413	274				
A40LAXVG	272	273	413	274	276	498		
A40LB2	412	455						
A40LB2TP	416	455						
A40LB2TPJ	419	455						
A40LB2TAX	B4835 P/L	464		271 REF	274			
A40LB3J	422	457						
A40LB3TP	416	457						
A40LB3TPJ	419	457						
A40LB3XNV	272	465		270	274	276	498	
A40LB4J	422	466						
A40LB4TPJ	419	466						
A40LB4TP	416	466						
A40LB5TPJ	419	H4317						
A40LB5TP	416	H4317						
A40LBTPJ	419	452						
A40LBTP	416	452						
A40LBXVG	272	463		274	276	498		
A40LRA2M-X	423	427	415					
A40LRA2TPM	418	411	415					
A40LRA3TPM	418	411	424					
A40LRA4TP	B4476/667	475	512					
A40LRA5TP	418	475	512					
A40LRATPM	418	411	413					
A40LRB2TP	418	455						
A40LRB4TA	418	466						
A40LRBTP	418	452		TA Housing				
A40MA2TPSJM	406REF	411	415					
A40MF2	437	435	520					
A40MF2TPSJ	406REF	459	415					
A40MF2SJ	406	459	520					
A40MF2XXVG	M4630 P/L	459 REF	520	276	280	437 REF	498	
A40MFA2SJ	406	435	415REF					
A40MFA2TPSJ	406REF	411	415REF					
A40MFA2XXVG	272	273	415REF	280				
A40MFA3XXVG	272	273 REF	424	276	280	498		
A40MFA4XXVG	272	273 REF	512	280				
A40MFAXXVG	272	273 REF	413	280				
A40MFA5TPJ	419 REF	475	512	406 REF				
A40MFO2XXVG	272REF	435						
A40MFSJ	406	435	436					
A40MFTPSJ	H4479	435	436	406 REF	409 REF			
A40MFXXVG	M4630 P/L	273 REF	436	272 REF	276	280	498	
A40PB2	451	455						
A40PB2J	471	455						
A40PB2TA	470	455						
A40PB2X	462	464		274				
A40PB2XN	468	464		270	274			
A40PB2XNVGZ	472	464		270	274			
A40PB3TA	470	457						
A40PB4TA	470	466						
A40PBX	462	463		274				
A40SB2	456	455						
A40SB2J	458	455						
A40SB2TA	454	455						
A40SB3J	458	457						
A40SB3TA	454	457						
A40SB4J	458	466						
A40SB4TA	454	466						
A40SB5J	458	H4317						
A40SB5TA	454	H4317						
A40SBTA	454	452						
A40SRB2J	458	455						
A40SRB2TA	454	455						
A40SRB3J	458	457						
A40SRB3TA	454	457						
A40SRB4J	458	466						
A40SRB4TA	454	466						
A40SRB5J	458	H4317						
A40SRB5TA	454	H4317						

** - Indicates Certified Version of Model*

TOOL MODEL	Motor	Gearing	Output	Additional Reference Material				
				Ref (a)	Ref (b)	Ref (c)	Ref (d)	Ref (e)
A40SRBJ	458	452						
A40SRBTA	454	452						
A50LA	510	511	512	509				
A50LA2TA	510	511	512	509				
A50LA2TAC	513	511	512	509				
A50LA2XXVG	A5684	A5449 P/L	512	276	280	498	A5428 REF	
A50LATA	510	511	512	509				
A50LAXXVG	A5684	A5382 P/L	512	276	280	498	A5426 REF	
D30L	350		330					
D30LA	350	356	354					
D30LR	351		330					
D30U	3050		330					
D30UR	3051		330					
D30US	3150		330					
D30USR	3151		330					
E20LRA2AXG	806REF	805	904					
E20LSRA2AXG	806REF	805	904	807				
E20LSRB2XG	806REF	805	820REF	807				
E20PB2CXG	820							
E20PRB2XG	820							
E20PRXG	820							
E24MA4-X/03	801 REF	A5550 P/L	512					
E24MA5-X/03	802 REF		512 REF					
E24MF2-X/03	801		520					
E24MF-X/03	802		436					
E24MF3-X/03	800		M4332 P/L	J4693 REF				
E24MFF-X/03	802		436					
E24MFF2-X/03	801		520					
E24MFF3-X/03	800		M4569 P/L	J4693 REF				
E24MFFA2-X/03	802		M4284	415 REF				
E24MFFA3-X/03	802		M4615 REF	424 REF				
E24MFFA4-X/03	801		M4607					
E24MFFA5-X/03	802 REF	M5254 P/L	M4608	M5239 P/L	M5255 P/L	M5236 P/L		
E24MFFO-X/03	802		436					
E24MFO-X/03	802		436					
E24MFO2-X/03	801		520					
E30LA2AXG	806	805	413					
E30LRAXG	806	805	354					
E30LSRA1AXG	806	805	904	807				
E30LSRA2AXG	806	805	413	807				
E30LSRA3HXG	806	805	N4607	415 REF	807			
E30LSRA3XG	806	805	415	807				
E30LSRA4XG	806	J3536 P/L	424	805 REF	807	J3251 REF		
E30LSRA4HXG	806	805	407					
E30LSRAXG	806	805	354	807				
E30LSRB2XG	806	J3140	391 REF	807	J3215			
E30LSRB3XG	806	805 REF	L3093					
E30LSRB4XG	806	805 REF	L3002					
E30MF2XG	806	805 REF	436	808				
E30MFA2XG	806	805 REF	413 REF	808				
E30MFA3XG	806	805 REF	415 REF	808				
E30MFO2XG	806	435	436					
E30PB2CXG	825							
E30PRB2XG	825							
E30PRB3XG	825 REF	J3994 P/L	455 REF					
E30PRB4XG	825 REF	L3001 P/L	457 REF					
E40LRA2XXG	806	810 REF	415	H4032 P/L				
E40LRA3HXG	806	810	407	274				
E40LRA3HXXG	806	810 REF	407	H4034 REF				
E40LRA3XXG	806	810 REF	424	H4034 REF				
E40LRA4XXG	806	811REF	512	280				
E40LRA4HXXG	806	811	512 REF	280				
E40LRA5HXXG	806	811REF	512 REF	280				
E40LRAXG	806	810	413					
E40LRA4CXG	806	811	512	274				
E40LRB2XXG	806	H4400 P/L	464 REF	811 REF	H4377 P/L			
E40LRB3XXG	806	GEARING	465 REF	811 REF	H4377 P/L			
E40LRB4XXG	806	H4120 P/L	466 REF	J4334 REF				
E40LRBXG	806	810 REF	463 REF	274				
E40LRBXXG	806	452		280				
E40MF2XXG	806	459REF	520	280	808			
E40MF3XXG	806	457REF		280	808			
E40MFXXG	806	810	436	280	808			

** - Indicates Certified Version of Model*

TOOL MODEL	Motor	Gearing	Output	Additional Reference Material				
				Ref (a)	Ref (b)	Ref (c)	Ref (d)	Ref (e)
E40MF4XXG	806	466REF		280	808			
E40MFA2XXG	806	810 REF	415 REF	280	808			
E40MFA3XXG	806	810 REF	424 REF	280	808			
E40MFA4XXG	806	811	512	280	808			
E40MFAXXG	806	810	413	280	808			
EF20LS264XG	806REF		L3336					
EF30LS147AXG	806	805	F3925	809	382 REF			
EF30LS20XG	806	805	374	809				
EF30LS211XG	806	805	J3643	809				
EF30LS23XG	806	805	373	809	373			
EF30LS74AXG	806	805	J3795	383 REF	809			
EF30LS99AXG	806	805	374	809				
EF30LSR106XG	806	805	367	809				
EF30LSR13AXG	806	805	J3239	461 REF	809			
EF30LSR16AXG	806	805	A6253					
EF30LSR246AXG	806	805	H4643					
EF30LSR29AXG	806	805	460	809				
EF30LSR29XG	806	805	460	809				
EF30LSR35XG	806	805	A8108					
EF30LSR69AXG	806	805	J3137	461 REF	807			
EF30LSR7AXG	806	805	L3330					
EF30LSR8XG	806	805	367	809				
EF30MF13X	806	805 REF	J3239	277	L4418	808		
EF40L20XG	806	810	374	274				
EF40L21XG	806	811	449	274				
EF40L31XG	806	810	447	274				
EF40LR10XG	806	810	442	274				
EF40LR21XG	806	811	449	274				
EF40LR31XG	806	810	447	274				
EF40LR31XXG	806	810 REF	447	280				
F30L104TAXG	342	344	B3739	274				
F30L105TA	346 REF	398	B3794					
F30L113XVGZ	3036	3035	345	277 REF	276	498		
F30L113XVGZ	3036	3037	345	277				
F30L132TAX	342 REF	344 REF	382 REF	274				
F30L147ATA	388	398	F3925					
F30L18TA	388	394	373					
F30L20TA	388	394	374					
F30L211TA	388	398	J3643	382 REF				
F30L23TA	388	394	373					
F30L264TA	388	398	L3336					
F30L44_48TA	346	398	399					
F30L74ATA	388	398	383					
F30L8TA	346	398	367					
F30LR44_48TA	347	398	399					
F30LR8TA	347	398	367					
F30PR48TA	386	398	399					
F32L147ACT	908		F3925					
F32L211CT	908		J3643					
F32L264CT	908		L3336					
F32L69ACT	901REF		J3137					
F32L74ACT	908		J3795					
F32L8ACT	901REF		367REF					
F32L8CT	901REF		367					
F32L99CT	908		374					
F32LR69ACT	901REF		J3137					
F32LR8ACT	901REF		367REF					
F32LR8CT	901REF		367					
F33L10CT	900REF		A4610					
F33L13ACT	900REF		J3239					
F33L147ACT	909		F3925					
F33L16ACT	900REF		A6253					
F33L246ACT	900REF		H4643					
F33L31CT	900REF		447					
F33L35ACT	900REF		A8108					
F33L69ACT	900REF		J3137					
F33L74ACT	909		J3795					
F33L7ACT	900REF		L3330					
F33L99CT	909		374					
F33LR10CT	900REF		A4610					
F33LR13ACT	900REF		J3239					
F33L29ACT	900REF		A8110	460				

** - Indicates Certified Version of Model*

TOOL MODEL	Motor	Gearing	Output	Additional Reference Material				
				Ref (a)	Ref (b)	Ref (c)	Ref (d)	Ref (e)
F33LR16ACT	900REF		A6253					
F33LR246ACT	900REF		H4643					
F33LR29ACT	900REF		A8110	460REF				
F33LR35ACT	900REF		A8108					
F33LR69ACT	900REF		J3137					
F33LR7ACT	900REF		L3330					
F40L10TA-X	416 REF	411	442					
F40L10TPJM	419	411	442					
F40L20TA	446	439	374					
F40L21TPM	416	411	449					
F40L31TPM	416	411	447					
F40L9TA	416	411	441					
F40LR21TPM	418	411	449					
F50L21TA	510	511	449					
M30	379	396						
M30BR	379	396						
M30BR2	379	BR2 Gearing		396REF	429REF			
M30F	379	396						
M30FR	379	396						
M40	438	429						
M40BR	438	429						
M40F	438	429						
M40FR	438	429						
M40R	438	429						
W30TA	368	370						
W40TA	416	420						
W40TP	416	420						
W40TAJ	419	420						

PE Tools	
Click on Tool Model Below:	
A2LRAT10-3	A2URT20-2
A2LRAT10-4	A2URT6-4
A2LRAT10-5	A2URT9-3
A2LRT13-2	A3LRT10-8
A2LRT20-2	A3LRT15-5
A2LRT6-4	A3LRT5-10
A2LRT9-3	A3PRT10-8
A2PRT13-2	A3PRT15-5
A2PRT20-2	A3PRT5-10
A2PRT6-4	A3RT10-8
A2PRT9-3	A3RT15-5
A2RT13-2	A3RT5-10
A2RT20-2	A3URT10-8
A2RT6-4	A3URT15-5
A2RT9-3	A3URT5-10

PE Pulse Tools

Click on model number.

MODEL
P2LR-15
P2LRX-15
P2PR-15
P2PRX-15
P3LR-35
P3LRX-35
P3LR-70
P3LRX-70
P3PR-35
P3PRX-35
P3PR-70
P3PRX-70
P4PR-120
P4PRX-120
P5PR-200
P5PRX-200

Preventive Maintenance Guidelines for Stanley Assembly Tools

Stanley assembly tools are designed for tightening threaded fasteners. Application variables such as torque level, free run time, joint type, operator practices and maintenance procedures can effect assembly tool durability. The following guidelines recommend maintenance intervals for specific tool types and components. Use the table at the bottom to adjust the intervals for actual torque level. Special assembly tools such as crowfoot and tubenut tools are used where space is limited. To fit into these spaces, typical robust design standards cannot apply, and these tools require more frequent maintenance than standard tools. **Recommendation: Perform a torque capability test and calibration** (for tools with torque transducers) **after all maintenance procedures-especially those that require tool disassembly.**

Interval	Recommended Preventive Maintenance
Weekly	**Operator safety inspection:** Check condition of all air hoses or power cables and connections, check tool suspension components and torque reaction devices. **Pneumatic tools:** Check lubricator to assure proper lubrication (Ref. 1) **Crowfoot and Tubenut tools:** Lubricate gear head (Ref. 2)
60,000 cycles	**Angle heads:** Lubricate angle head gears (Ref. 2) **Crowfoot and Tubenut heads:** Inspect housing, baseplate, socket, & socket bushings and replace any worn components. Lubricate gear head (Ref. 2) **High Torque Tools** (>500Nm, 400 ft lb): Disassemble gear case and output, inspect for wear, replace bearings and any worn parts (Ref 3).
250,000 cycles	**Pneumatic tools:** Disassemble motor, check rotor blades for wear & replace as needed. Replace motor bearings. Check all valves and seals and replace any worn components. Inspect clutch and replace any worn components. Disassemble gear case and output (angle head, crowfoot head, spindle support, etc.), inspect for wear, replace bearings and any worn parts (Ref 3). **Electric tools:** Check all switches, cables and connectors and replace any worn components. Disassemble gear case and output (angle head, crowfoot head, spindle support, etc.), inspect for wear, replace bearings and any worn parts (Ref 3).

Lubricant Descriptions:

Ref. 1: **Pneumatic tool motor lubricant:** Non Fluid Oil Corp. 10W/NR, or equivalent
Ref. 2: **Gear lubricant:** DC Electric: NYE Rheolube 373 or equivalent;
Pneumatic Tools: Dow Corning Corp. BR-2 EP Molykote, or equivalent
Ref. 3: **Bearing lubricant:** Chevron Oil Co. Chevron SR-1, or equivalent

Rheolube 373

Cycle Life Guidelines for Estimating Spare Parts Use					
Components	**Cycles**	**Components**	**Cycles**	**Components**	**Cycles**
Tubenut/Crowfoot High Torque Gearing High Torque Outputs	125,000	Angle Heads Other Outputs Air Motor Blades	250,000	Gearing Air Motors	500,000
		Transducers	>1,000,000	Electric Motors	>1,000,000

Note: Cycle life guidelines do not predict actual component life. For estimating spare parts, they assume use at the rated torque. For many components, operation above the rated torque can reduce the cycle life. Operation below the rated torque can increase the cycle life.	120% of rated torque 110% of rated torque 90% of rated torque 80% of rated torque 70% of rated torque	0.5 X 0.7 X 1.3 X 2.0 X 2.5 X