

PARTS MANUAL

MCT-144

JOY[®]

TWISTAIR[®]

ROTARY SCREW COMPRESSOR

TA MODELS 007 thru 040

NOTICE

Enter information from machine nameplate:

MODEL _____

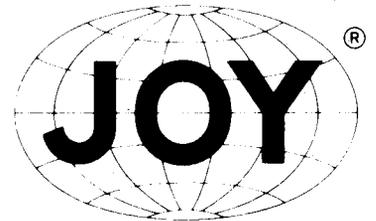
SERIAL NO. _____

PARTS MANUAL

JOY[®] *TWISTAIR*[®] Rotary Screw Compressor



TA Models 007 thru 040



COOPER INDUSTRIES - INDUSTRIAL MACHINERY
JOY COMPRESSORS
MICHIGAN CITY, INDIANA 46360

WARRANTY

INDUSTRIAL SCREW COMPRESSOR

Cooper Industries - Industrial Machinery warrants that a new air end assembly will be free from defects in material and workmanship for a period of 24 months from the date of initial operation, or 30* months from the date of shipment, whichever period first expires.

Our re-manufactured air end is warranted for 12 months from initial operation, or 15 months from the date of shipment, whichever period first expires.

If a failure, due to a defect in material or workmanship, is experienced during the warranty period in either a new or re-manufactured air end as outlined above, Joy will replace that air end with a factory re-manufactured air end and honor any time remaining under the warranty period.

"THERE ARE NO OTHER WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND OR FITNESS FOR PURPOSE."

This warranty shall be void and Joy shall have no responsibility to repair or replace defective or damaged parts or components resulting directly or indirectly from the use of replacement parts not of Joy's manufacture, or approved by Joy or from Buyer's failure to store, install, maintain, and operate the compressor according to the recommendations contained in the Operating and Maintenance Manual, good engineering practice, and special instructions which may be furnished with the products.

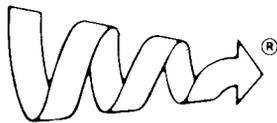
Joy's total responsibility and liability, whether arising in contract or tort, including negligence and strict liability, for any and all claims, damages of any nature, losses, or expenses, arising out of or related to the equipment shall not exceed the contract price. In no event shall any special, indirect, incidental, or consequential damages of any nature, including but not limited to, loss of use of productive facilities or equipment, lost profits, lost production, property damage, or expenses or damages incurred in reliance on Joy's performance, whether suffered by Buyer or any third party.

NOTICE: UNAUTHORIZED DISASSEMBLY OR REPAIR OF AIR ENDS IN THE FIELD WILL VOID THE WARRANTY AND ADVERSELY AFFECT THE TRADE-IN VALUE.

SCREW COMPRESSOR AIR END EXCHANGE PROGRAM:

A factory re-manufactured screw compressor air end can be purchased on an exchange basis. This is not just a factory-rebuilt air end, but one which is re-manufactured to high quality as new. All bearings, seals, gaskets, and the inlet valve are always replaced. All other parts not meeting our quality standards are also replaced. The air end is then thoroughly factory tested prior to shipment. Our re-manufactured air end is warranted for 12 months from initial operation, or 15 months from the date of shipment, whichever period first expires.

ILLUSTRATED PARTS MANUAL



JOY[®] **TWISTAIR[®]** Rotary Screw Compressor

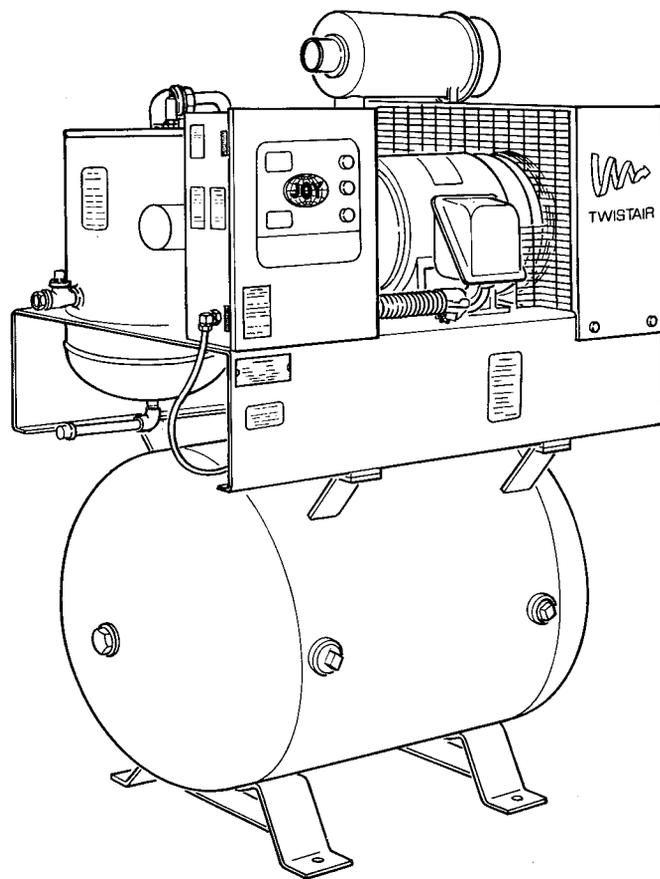


FIGURE *1
MODEL TA-007-030

* Component locations on the TA-040 units may vary from the TA-007-030 units.



FORM NO. MCT-144
PRINTED IN U.S.A.
FPS /88

COOPER INDUSTRIES - INDUSTRIAL MACHINERY
JOY COMPRESSORS
MICHIGAN CITY, INDIANA 46360



DANGER



**DISCHARGE AIR USED FOR BREATHING.
WILL CAUSE SEVERE INJURY OR DEATH.**

**CONSULT FILTRATION SPECIALIST FOR AD-
DITIONAL FILTRATION AND TREATMENT
EQUIPMENT TO MEET HEALTH AND SAFETY
STANDARDS.**

INTRODUCTION

This Parts List has been designed to furnish you a method to identify and order replacement parts. Since this listing supports coverage for all models, it is important that you become familiar with the "Model Number" of your machine as each part for your machine is identified and called out in respect to the machine "Model Number".

HOW TO USE PARTS LIST

Using the Table of Contents, determine the assembly group in which the part is located. Then, turn to the corresponding group illustration and Listing. Locate the part on the illustration and note the applicable Reference Number. The corresponding reference number in the parts listing will give you the description, quantity, and number of the part. **Be sure to obtain part number from its proper MODEL NUMBER column.**

NOTICE

REFERENCE NUMBERS MAY BE REPEATED FOR A SUB-ASSEMBLY BREAKDOWN AS INDICATED BY GROUP LETTERS A, B, C, ETC. ON DRAWINGS AND INDENTURES IN THE PARTS LISTINGS. **MAKE SURE THAT APPLICABLE REFERENCE NUMBER IS SELECTED AND DESCRIPTION APPLIES TO PART.**

HOW TO ORDER PARTS

When ordering parts, be sure to include Model and Serial Number of machine for which parts are required. Give part number and description of each part or assembly needed. The Serial number of your machine will be found on the compressor nameplate located on the door of the controller. For ready reference, enter this number in the space provided on the front cover. Do not use illustration reference numbers when ordering parts.

WHERE TO ORDER PARTS

Parts should be ordered through your authorized Cooper Industries - Industrial Machinery Distributor. Orders will not be accepted at the factory, since your Joy Distributor is equipped and located to provide you with the best possible service.

Cooper Industries - Industrial Machinery maintains a Regional Parts Warehouse in the following area to provide prompt services to distributors for maintaining customer machines.

North Central Region
(Central Service Center)
2300 West Devon Avenue
Elk Grove, IL 60007

TABLE OF CONTENTS

MODELS TA-007 THRU TA-030

COMPRESSOR, FAN, AND MOTOR ASSEMBLY	2 - 4
BASE & MTG PARTS ASSEMBLY - ELECTRICAL CONTROL & PARTS ASSEMBLY-SUMP ASSEMBLY	6 - 9
PIPING, AIR & OIL ASSEMBLY-RECEIVER & PARTS ASSEMBLY-COOLER ASSEMBLY ..	10 - 13
FINAL PARTS ASSEMBLY-MOTOR GUARD & MTG. PARTS	14 - 15

MODEL TA-040

COMPRESSOR, FAN AND MOTOR ASSEMBLY	16 - 17
BASE & MTG. PARTS ASSEMBLY-ELECTRICAL CONTROL & PARTS ASSEMBLY	18 - 20
SUMP ASSEMBLY	22 - 24
OIL COOLER AND PIPING ASSEMBLY-RECEIVER AND PARTS ASSEMBLY	22 - 24
FINAL PARTS ASSEMBLY-MOTOR GUARD & MTG. PARTS	26 - 27
ELECTRICAL CONTROL CENTER	28 - 29
RECOMMENDED SPARES	30 - 32
OPTIONAL EQUIPMENT KITS	33

B SEAL TUBE FITTING AND SHAFT TO HEAD WITH THREAD SEALANT.

C BOND CYLINDER TO HEAD WITH LIQUID GASKET.

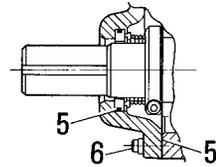
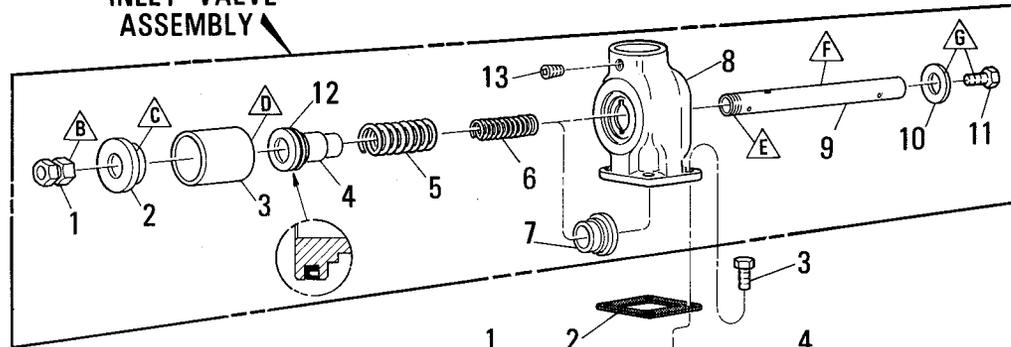
D BOND CYLINDER TO BODY WITH LIQUID GASKET.

E SEAL PIPE THREAD WITH THREAD SEALANT.

F COAT CONTROL SHAFT WITH MOLYBDENUM DISULFIDE LUBRICANT.

G SEAL UNDER CAP SCREW HEAD AND WASHER WITH THREAD SEALANT.

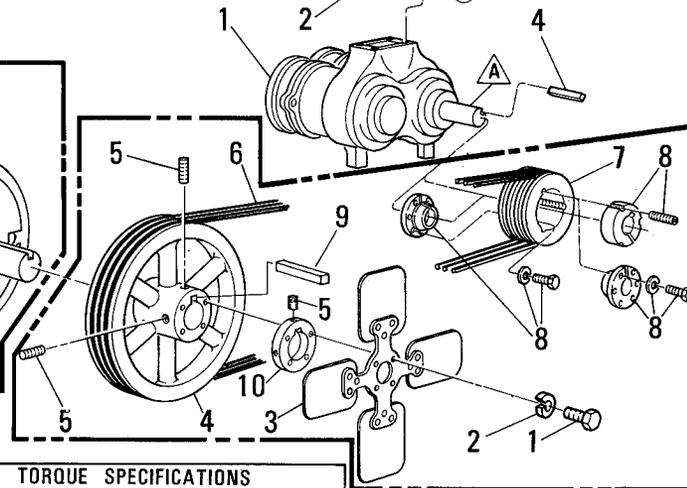
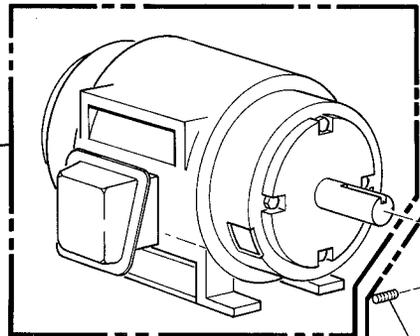
AA INLET VALVE ASSEMBLY



COMPRESSOR DRIVE SHAFT

A THE SHAFT SEAL AND ADAPTER GASKET ARE THE ONLY PARTS OF THE COMPRESSOR UNIT THAT CAN BE PURCHASED FROM THE FACTORY. A FACTORY REMANUFACTURED UNIT CAN BE PURCHASED ON AN EXCHANGE BASIS AT A NOMINAL CHARGE. THE REMANUFACTURED UNIT IS THOROUGHLY TESTED, BUT DOES NOT INCLUDE THE INLET VALVE.

C MOTOR



A COMPRESSOR ASSEMBLY

B DRIVE ASSEMBLY

BELT TENSION FORCES

MODEL	DEFLECTION INCHES	INITIAL TENSION FORCE LBS.	NORMAL FORCE LBS.	
			MIN.	MAX.
TA007	3/16	6.5	3	5
TA010	13/64	6.5	3	5
TA015	7/32	6.5	3	5
TA020	17/64	8.5	4.5	6.5
TA025	9/32	8.5	4.5	6.5
TA030	9/32	8.5	4.5	6.5

TORQUE SPECIFICATIONS

ITEM FIND NO.	SCREW SIZE	TORQUE	
		DRY	LUBE
A-3	5/16 x 7/8	17FT.LBS.	13FT.LBS.
B-1	NO. 12-5/8	31IN.LBS.	23IN.LBS.
B-5	1/4 - 20	12FT.LBS.	9FT.LBS.
B-5	5/16 - 18	25FT.LBS.	18FT.LBS.
B-8	3/8 - 16	45FT.LBS.	35FT.LBS.
B-5	1/2 - 13	110FT.LBS.	80FT.LBS.
A-6	1/4 x 1	96IN.LBS.	75IN.LBS.
AA-11	3/8 x 3/4	30FT.LBS.	23FT.LBS.

DRAWING NO. GD-310

Compressor, Fan and Motor Assembly

NOTICE

REFERENCE NUMBERS MAY BE REPEATED.
SEE HOW TO USE PARTS LIST.



COMPRESSOR, FAN AND MOTOR ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.					
A	COMPRESSOR AND INLET VALVE ASSEMBLY		00543429 0008	<	<	00543429 0009	<	<
.1	COMPRESSOR ASSEMBLY	1	00543405 0061	<	<	00543405 0062	<	<
.2	GASKET, INLET VALVE TO STATOR	1	01663742 0138	<	<	<	<	<
.3	SCREW, CAP HEX HD. - 5/16 X 7/8	4	00900012 0430	<	<	<	<	<
.4	KEY, 1/4 SQ. X 1-3/8	1	00900947 0061	<	<	<	<	<
.5	KIT, SHAFT SEAL MAINTENANCE	1	H0701701 0350	<	<	H0701701 0325	<	<
.6	SCREW, CAP C'BORE - 1/4 X 1	8	00901858 0006	<	<	< (QTY. 10)	< (QTY. 10)	< (QTY. 10)
.AA	INLET VALVE ASSEMBLY	1	00543266 0048	<	<	<	<	<
..1	CONNECTOR, FEMALE, 3/8T X 1/4 PT	1	00915550 0064	<	<	<	<	<
..2	HEAD, CYLINDER	1	01662306 0014	<	<	<	<	<
..3	CYLINDER	1	01662307 0013	<	<	<	<	<
..4	PISTON	1	01662305 0013	<	<	<	<	<
..5	SPRING	1	01228269 0036	<	<	<	<	<
..6	SPRING	1	01228269 0049	<	<	<	<	<
..7	PLATE, VALVE	1	01663597 0334	<	<	<	<	<
..8	HOUSING, INLET VALVE	1	01662698 0019	<	<	<	<	<
..9	SHAFT, CONTROL	1	01662302 0015	<	<	<	<	<
..10	WASHER, PLAIN - 3/8	1	00900322 0009	<	<	<	<	<
..11	SCREW, CAP NYLOK - 3/8 X 3/4	1	00900015 0003	<	<	<	<	<
..12	SEAL, U-CUP	1	01663816 0004	<	<	<	<	<
..13	PLUG, HEX SOCKET PIPE - 1/8	1	00901921 0001	<	<	<	<	<
B	DRIVE AND FAN ASSEMBLY - STANDARD MACHINE		H0701700 1016	H0701700 1017	H0701700 1018	H0701700 1019	H0701700 1020	H0701700 1021
.1	SCREW, MACHINE HEX HD. - #12-24 X 5/8	4	00900802 0118	<	<	<	<	<
.1	SCREW, MACHINE HEX HD. - #12-24 X 1-1/2	4		<	<	<	00900808 0145	<
.2	WASHER, LOCK - #12	4	00900302 0057	<	<	<	<	<
.3	FAN	1	03661626 0028	03661626 0029	03661626 0030	03661626 0031	03661626 0032	<
.4	SHEAVE, MOTOR	1	01605570 0124	01605570 0125	01605570 0126	01605570 0127	01605570 0128	01605570 0129
.5	SCREW, SELF-LOCK SET	2	00910152 0062	00910152 0091	<	00910152 0092	<	<
.5	SCREW, SELF-LOCK SET	4		<	<	<	00910152 0094	<
.6	BELT, V	1	00917863 0335	00917863 0337	00917863 0345	00917863 0368	<	00917864 0367
.7	SHEAVE, COMPRESSOR	1	01663882 0001	<	01663882 0002	01663882 0003	01663882 0004	01663882 0005
.8	BUSHING, COMPRESSOR	1	00527814 0001	<	<	00527815 0001	<	<
.9	KEY, MOTOR	1		00900947 0242	<		<	<
.10	HUB, FAN	1					01760425 0006	<
B	DRIVE AND FAN ASSEMBLY - 150 PSI MACHINE	1	H0701700 1035	H0701700 1036	H0701700 1037	H0701700 1038	H0701700 1039	H0701700 1040
1	SCREW, MACHINE HEX HD. - #12-24 X 5/8	4	00900802 0118	<	<	<	<	<
1	SCREW, MACHINE HEX HD. - #12-24 X 1-1/2	4		<	<	<	00900808 0145	<
2	WASHER, LOCK - #12	4	00900302 0057	<	<	<	<	<
3	FAN	1	03661626 0028	03661626 0029	03661626 0030	03661626 0031	03661626 0032	<

REVISIONS:

M1460L

M1626L

HC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



COMPRESSOR, FAN AND MOTOR ASSEMBLY

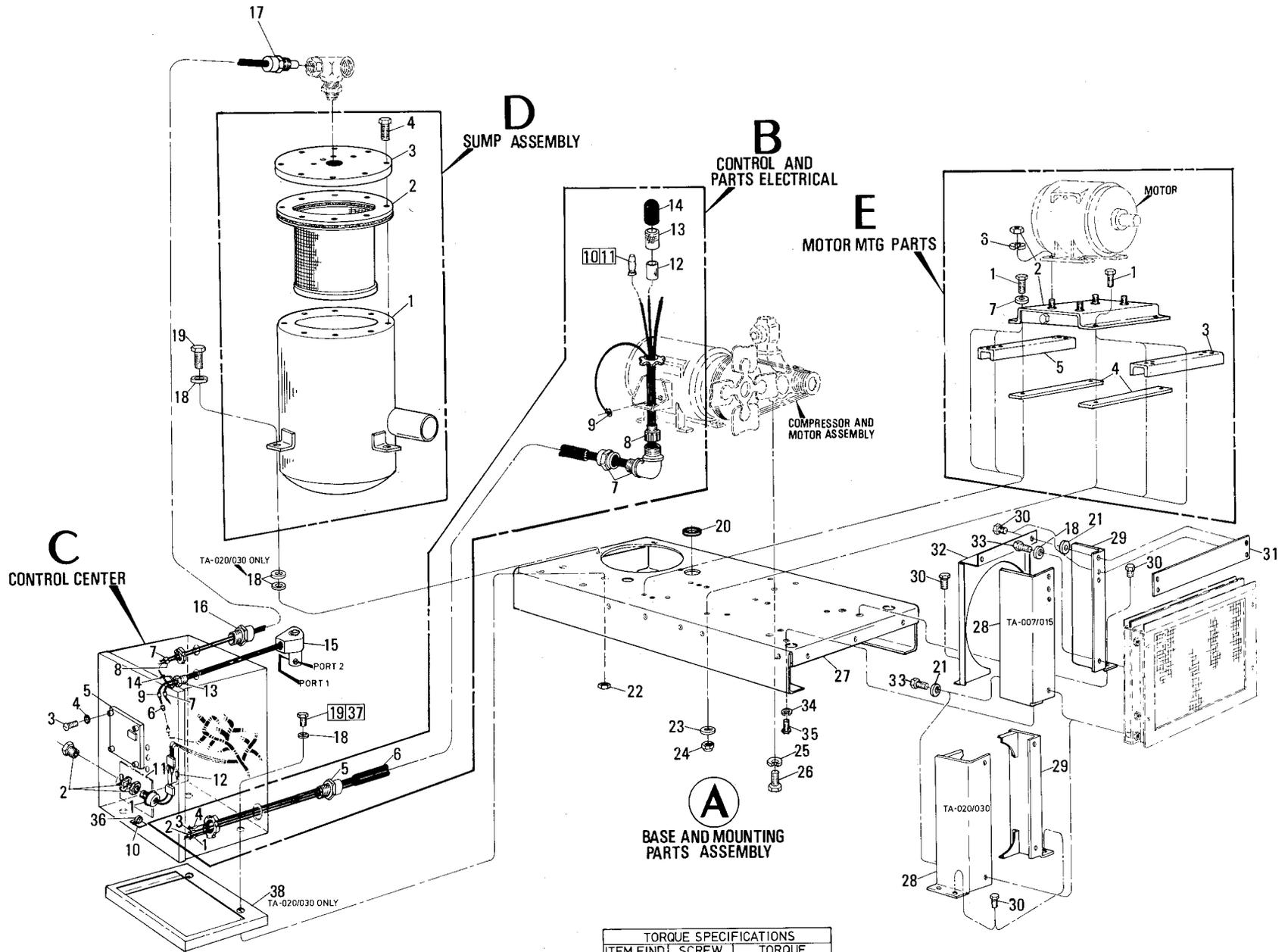
ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.					
4	SHEAVE, MOTOR	1	01605570 0124	01605570 0125	01605570 0126	01605570 0127	01605570 0128	<
5	SCREW, SELF-LOCK SET	2	00910152 0062	00910152 0091	<	00910152 0092		<
5	SCREW, SELF-LOCK SET	4					00910152 0094	<
6	BELT, V (SET)	1	00917862 0335	00917862 0337	00917862 0345	00917862 0369	<	00917863 0368
7	SHEAVE	1	01663882 0007	01663882 0008	01663882 0009	01663882 0010	01663882 0011	01663882 0012
8	BUSHING	1	00527814 0001	<	<	00527815 0001	<	<
9	KEY - 5/16 X 5/16 X 2-1/2	1		00900947 0242	<			<
10	HUB - FAN	1					01760425 0006	<
C	MOTOR (200 V.)	1	00526398 0213	00526398 0214	00526398 0215	00526398 0216	00526398 0217	00526398 0218
C	MOTOR (230,460 V.)	1	00526398 0161	00526398 0162	00526398 0163	00526398 0164	00526398 0165	00526398 0166
C	MOTOR (575 V.)	1	00526398 0222	00526398 0223	00526398 0224	00526398 0225	00526398 0226	00526398 0227

REVISIONS:	M1626L								
------------	--------	--	--	--	--	--	--	--	--

MC-2484
TSP 8/85

* NOT ILLUSTRATED < IDENTICAL TO PRECEDING PART NUMBER

4



ITEM FIND NO.	SCREW SIZE	TORQUE	
		DRY	LUBE
D-4	5/8-11 UNC	220 FT. LBS.	170 FT. LBS.
A-26	3/8-16 UNC	30 FT. LBS.	23 FT. LBS.
A-25	1/2-13 UNC	75 FT. LBS.	55 FT. LBS.

DRAWING NO. GD-375
Base, Sump & Mtg. Parts Assemblies

NOTICE
REFERENCE NUMBERS MAY BE REPEATED
SEE HOW TO USE PARTS LIST.



BASE & MTG. PARTS ASSEMBLY - ELECTRICAL CONTROL & PARTS ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
A	BASE & MOUNTING PARTS ASSEMBLY		00701780 0013	<	<	00701780 0014	<	<
.1	TRANSDUCER, PRESSURE	1	00600714 1464	<	<	<	<	<
.2	ADAPTER, BULKHEAD - 1/4 FPT X 1/4 FPT	1	00912141 0002	<	<	<	<	<
.3	SCREW, RD. HD. MACHINE - #6-32 X 1/4	4	00900335 0042	<	<	<	<	<
.4	WASHER, FLAT NYLON - #6	4	00600714 1469	<	<	<	<	<
.5	CONTROLLER, AIR COMPRESSOR	1	00543441 0006	<	<	<	<	<
*	CARD, ASSY. - CONTROL	1	00543432 0008	<	<	<	<	<
*	CARD, ASSY. - DISPLAY	1	00543432 0009	<	<	<	<	<
.6	CONNECTOR, INSULATED MALE	4	00600704 0586	<	<	<	<	<
.7	MARKER, WIRE WMT-2 (FT.)	.4	00600714 1247	<	<	<	<	<
.8	MARKER, WIRE WMT-7 (FT.)	.2	00600714 1331	<	<	<	<	<
.9	MARKER, WIRE WMT-6 (FT.)	.2	00600714 1330	<	<	<	<	<
.10	MOUNT, ANCHOR - ADHESIVE BACKED	7	00600704 0351	<	<	<	<	<
.11	DECAL, WIRING DIAGRAM	1	01228378 0077	<	<	<	<	<
.12	TERMINAL, FEMALE	3	00600714 1470	<	<	<	<	<
.13	NIPPLE, CHASE - INSULATED - 1/2	1	00600704 0028	<	<	<	<	<
.14	TIE, TY-RAP	3	00600704 0342	<	<	<	<	<
.15	VALVE, SOLENOID 2-WAY	1	00600734 0264	<	<	<	<	<
.16	CONNECTOR, CABLE	1	00600704 0582	<	<	<	<	<
.17	SWITCH, TEMPERATURE	1	00600715 0448	<	<	<	<	<
.18	WASHER, PLAIN - 5/16	7	00900317 0003	<	<	< (QTY. 13)	< (QTY. 13)	< (QTY. 13)
.19	SCREW, CAP HEX HD. - 5/16 X 1	7	00900012 0012	<	<	< (QTY. 3)	< (QTY. 3)	< (QTY. 3)
.20	GROMMET, RUBBER	1	01228475 0006	<	<	<	<	<
.21	WASHER, PLAIN - 1/4	4	00900317 0002	<	<	<	<	<
.22	NUT, ELASTIC STOP - 5/16 X 1	4	00900490 0051	<	<	<	<	<
.23	WASHER, PLAIN - 1/2	2				00900317 0005	<	<
.24	NUT, ELASTIC STOP - 1/2-13	2				00900490 0054	<	<
.25	WASHER, LOCK - 3/8	3	00900302 0003	<	<			
.25	WASHER, LOCK - 1/2	3				00900302 0004	<	<
.26	SCREW, CAP HEX HD. - 3/8 X 7/8	3	00900012 0392	<	<			
.26	SCREW, CAP HEX HD. - 1/2 X 7/8	3				00900012 0408	<	<
.27	BASE, ASSY. - MAIN	1	03760338 0067	<	<	03760338 0068	<	<
.28	SUPPORT, ASSY. - COOLER	1	03663693 0460	<	<	03663693 0463	<	<
.29	SUPPORT, COOLER	1	01661806 0283	<	<	03663693 0464	<	<
.30	SCREW, THD. FORMING - 1/4-20 X 1/2	8	00913792 0038	<	<	< (QTY. 4)	< (QTY. 4)	< (QTY. 4)
.31	SUPPORT, TOP COOLER	1	01661806 0287	<	<			
.32	VENTURI, FAN	1	01228404 0024	<	<			
.33	SCREW, CAP HEX HD. - 1/4 X 2	4	00900012 0051	<	<	00900012 0061	<	<
.34	WASHER, LOCK - 1/4	2	00900302 0001	<	<			
.35	SCREW, CAP HEX HD. - 1/4 X 3/4	2	00900012 0001	<	<			

REVISIONS:

M1460L

M1626L

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



BASE & MTG. PARTS ASSEMBLY - ELECTRICAL CONTROL & PARTS ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.					
.36	TIE, TY-RAP	9	00600704 0343	<	<	<	<	<
.37	SCREW, CAP HEX HD. - 5/16 X 2-1/2	4				00900012 0072	<	<
.38	SPACER, ASSY. - CONTROL CENTER	1				03228330 0012	<	<
B	ELECTRICAL CONTROL & PARTS (200 V.)		00707101 2072	00707101 2074	00707101 2077	00707101 2080	00707101 2083	00707101 2086
B	ELECTRICAL CONTROL & PARTS (230 V.)		00707101 2073	00707101 2075	00707101 2078	00707101 2081	00707101 2084	00707101 2087
B	ELECTRICAL CONTROL & PARTS (460, 575 V.)		00707101 2073	00707101 2076	00707101 2079	00707101 2082	00707101 2085	00707101 2088
.1	MARKER, WIRE - GND	2	00600714 1119	<	<	<	<	<
.2	MARKER, WIRE WMT-T1 (FT.)	.2	00600714 1251	<	<	<	<	<
.3	MARKER, WIRE WMT-T2 (FT.)	.2	00600714 1252	<	<	<	<	<
.4	MARKER, WIRE WMT-T3 (FT.)	.2	00600714 1253	<	<	<	<	<
.5	CONNECTOR, STR. CORD GRIP (200 V.)	1	00600704 0571	<	<	00600704 0573	00600704 0575	<
.5	CONNECTOR, STR. CORD GRIP (230 V.)	1	00600704 0584	00600704 0571	<	<	00600704 0573	00600704 0575
.5	CONNECTOR, STR. CORD GRIP (460, 575 V.)	1	00600704 0584	00600704 0570	00600704 0584	00600704 0571	<	<
.6	CABLE (200 V.) (FT.)	4	00600761 0005	<	<	00600761 0006	00600761 0007	<
.6	CABLE (230 V.) (FT.)	4	00600762 0004	00600761 0005	<	<	00600761 0006	00600761 0007
.6	CABLE (460, 575 V.) (FT.)	4	00600762 0004	00600762 0005	00600762 0004	00600761 0005	<	<
.7	CONNECTOR, 90° CORD GRIP (200 V.)	1	00600704 0578	<	<	00600704 0579	00600704 0581	<
.7	CONNECTOR, 90° CORD GRIP (230 V.)	1	00600704 0585	00600704 0578	<	00600704 0579	00600704 0580	00600704 0581
.7	CONNECTOR, 90° CORD GRIP (460, 575 V.)	1	00600704 0585	00600704 0577	00600704 0585	00600704 0579	00600704 0580	<
.8	ADAPTER, MALE - 3/4-1 (200 V.)	1	00600704 0583	<	<	<	<	<
.8	ADAPTER, MALE - 3/4-1 (230 V.)	1	00600704 0583	00600704 0583	<	<	<	<
.9	TERMINAL, RING TONGUE (200 V.)	1	00600608 0037	<	<	00600608 0016	00600608 0019	<
.9	TERMINAL, RING TONGUE (230 V.)	1	00600608 0009	00600608 0037	<	<	00600608 0016	00600608 0019
.9	TERMINAL, RING TONGUE (460, 575 V.)	1	00600608 0009	<	<	00600608 0037	<	<
.10	CONNECTOR, MOTOR LEAD (200 V.)	3	00600704 0448	00600704 0449	00600704 0450	<	<	<
.10	CONNECTOR, MOTOR LEAD (230 V.)	1	00600704 0447	<	00600704 0448	<	00600704 0449	<
.10	CONNECTOR, MOTOR LEAD (460, 575 V.)	1	00600704 0447	<	<	<	00600704 0449	00600704 0449
.10	CONNECTOR, MOTOR LEAD (460, 575 V.)	3		00600704 0447	<	00600704 0448	00600704 0449	<
.11	CONNECTOR, MOTOR LEAD (230 V.)	3	00600704 0448	00600704 0449	<	<	<	<
.11	CONNECTOR, MOTOR LEAD (460, 575 V.)	3	00600704 0448	<	<	<	<	<
.12	CONNECTOR, MOTOR LEAD (200 V.)	3					00600704 0491	<
.12	CONNECTOR, MOTOR LEAD (230, 460, 575 V.)	3				00600704 0495	00600704 0493	<
.13	TUBING, SILICONE RESIN (200 V.) (FT.)	.6					00818066	<
.13	TUBING, SILICONE RESIN (230,460,575 V.) (FT.)	.6					<	<
.14	CAP, END (200 V.)	3				00818066	<	<
.14	CAP, END (230, 460, 575 V.)	3				00600704 0520	<	<

REVISIONS:	M1460L	M1626L							
-------------------	--------	--------	--	--	--	--	--	--	--

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



ELECTRICAL CONTROL CENTERS - SUMP ASSEMBLY - MOTOR MTG. PARTS ASSEMBLIES

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.					
C C C C	CONTROL CENTER (200 V.)	1	00527070 1346	00527070 1347	<	00527070 1348	<	<
	CONTROL CENTER (230 V.)	1	00527070 1346	<	00527070 1347	<	00527070 1348	<
	CONTROL CENTER (460 V.)	1	00527070 1346	<	<	<	00527070 1347	<
	CONTROL CENTER (575 V.)	1	00527070 1346	<	<	<	<	00527070 1347
D .1	SUMP ASSEMBLY	1	00543236 2025	<	<	<	<	<
	SUMP, AIR-OIL	1	03662422 0055	<	<	<	<	<
	.2 SEPARATOR	1	00543117 0040	<	<	<	<	<
	.3 HEAD, SUMP	1	01228358 0016	<	<	<	<	<
.4	SCREW, CAP HEX HD. - 5/8 X 1-1/2 - GRADE 8	8	00900042 0045	<	<	<	<	<
E .1 .1	MOTOR MOUNTING PARTS ASSEMBLY	4	00707121 0001	00707121 0002	00707121 0003	00707121 0004	00707121 0005	00707121 0006
	SCREW, CAP HEX HD. - 3/8 X 7/8	4	00900012 0392	<	00900012 0033			
.1 .2 .3 .4	SCREW, CAP HEX HD. - 1/2 X 2-3/4	4				00900012 0084	<	<
	BASE, ASSY. - MOTOR SLIDE	1	00527147 0023	00527147 0018	00527147 0024	00527147 0019	00527147 0012	00527147 0013
	SPACER	1				01663702 0250	<	<
	SPACER, MOTOR BASE	2			01663702 0248			
.5 .6 .6	SPACER	1				01663702 0249	<	<
	WASHER, LOCK - 3/8	4	00900302 0003	<	<		<	<
	WASHER, LOCK - 1/2	4				00900302 0004	<	<

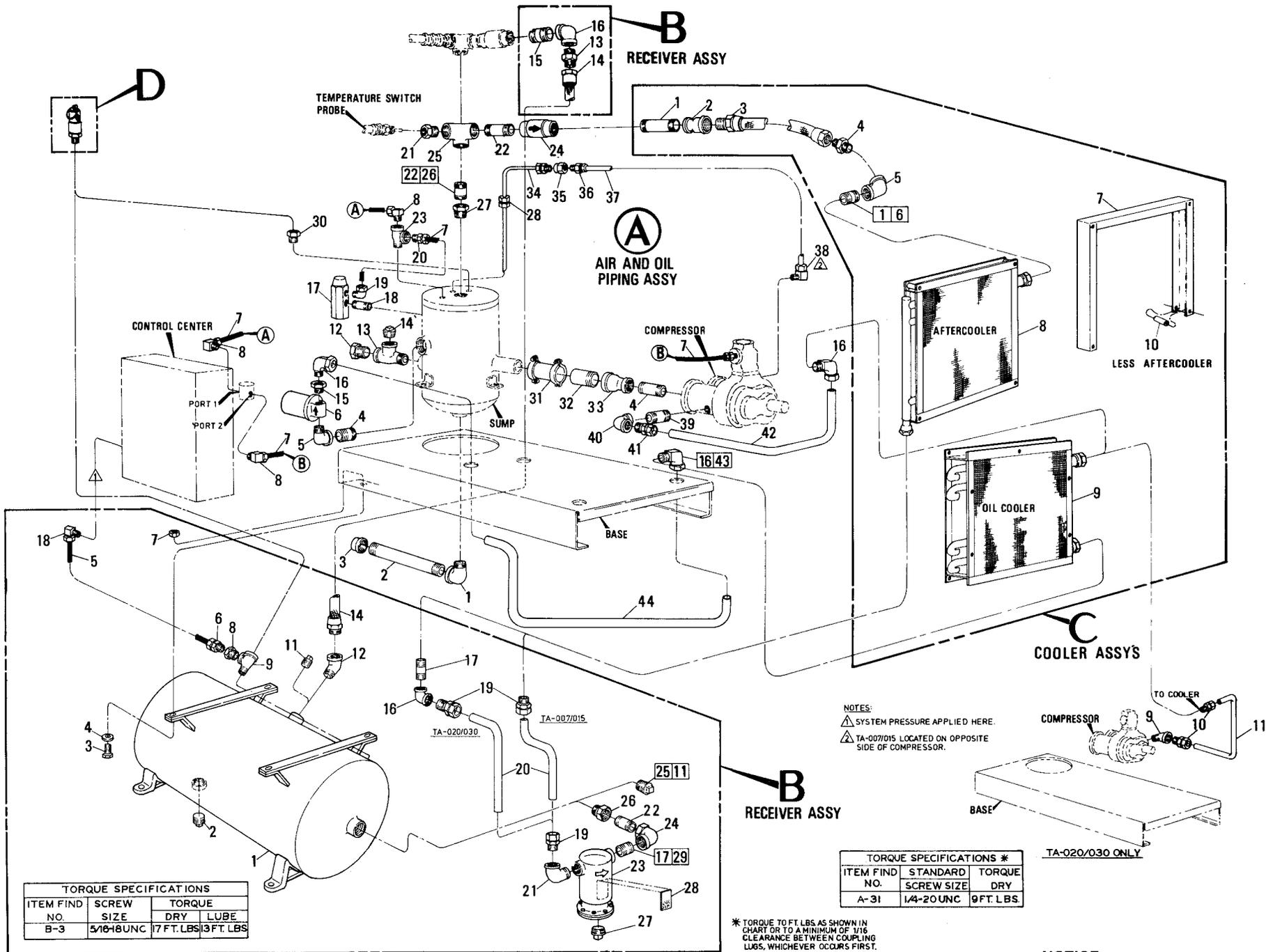
6

REVISIONS:	M1460L	M1475L	M1626L								
------------	--------	--------	--------	--	--	--	--	--	--	--	--

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



TORQUE SPECIFICATIONS			
ITEM NO.	SCREW SIZE	TORQUE	
		DRY	LUBE
B-3	5/16-18UNC	17 FT. LBS	3 FT. LBS

TORQUE SPECIFICATIONS *		
ITEM NO.	STANDARD SCREW SIZE	TORQUE
A-31	1/4-20UNC	9 FT. LBS.

TA-020/030 ONLY

NOTES:
 ▲ SYSTEM PRESSURE APPLIED HERE.
 ▲ TA-007/015 LOCATED ON OPPOSITE SIDE OF COMPRESSOR.

* TORQUE TO FT. LBS. AS SHOWN IN CHART OR TO A MINIMUM OF 1/16 CLEARANCE BETWEEN COUPLING LBS, WHICHEVER OCCURS FIRST.

NOTICE
 REFERENCE NUMBERS MAY BE REPEATED
 SEE HOW TO USE PARTS LIST.

DRAWING NO. GD-374
 Piping, Air and Oil Assembly



PIPING, AIR & OIL ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
A	PIPING, AIR & OIL ASSEMBLY		00707079 2147	<	<	00707079 2146	<	<
.1	ELBOW, 90° STREET - 1/2	1	00901046 0004	<	<	<	<	<
.2	NIPPLE, PIPE - 1/2 X 7	1	00902466 0220	<	<	<	<	<
.3	CAP, PIPE - 1/2	1	00901190 0004	<	<	<	<	<
.4	NIPPLE, X-STR. PIPE - 1 X 2	2	00901176 0060	<	<	< (QTY. 1)	< (QTY. 1)	< (QTY. 1)
.5	ELBOW, 90° STREET - 1"	1	00901046 0006	<	<	<	<	<
.6	FILTER, ASSY. - OIL	1	00543346 0020	<	<	<	<	<
*	ELEMENT	1	01228337 0016	<	<	<	<	<
.7	TUBING (FT.)	5	00910084	<	<	<	<	<
.8	CONNECTOR, 90° MALE - 3/8T X 1/4 PT	3	00915557 0064	<	<	<	<	<
.9	ELBOW, 90° RED. STREET - 1/2 X 3/8	1				00901053 0001	<	<
.10	CONNECTOR, MALE - 3/4T X 1/2 PT	2				00912034 0128	<	<
.11	TUBE, OIL COOLER TO AIR END	1				01760049 0071	<	<
.12	GLASS, SIGHT	1	00914483 0016	<	<	<	<	<
.13	TEE, STRAIGHT SERVICE - 1"	1	00906350 0005	<	<	<	<	<
.14	PLUG, SQ. HD. PIPE - 1"	1	00901204 0006	<	<	<	<	<
.15	BUSHING, REDUCING - 1 X 1/2	1	00901160 0012	<	<			
.15	BUSHING, REDUCING - 1 X 3/4	1				00901160 0013	<	<
.16	ELBOW, 90° MALE - 1/2T X 1/2 PT	3	00911987 0088	<	<			
.16	ELBOW, 90° MALE - 3/4T X 3/4 PT	1				00911987 0012	<	<
.17	INDICATOR, DIFFERENTIAL PRESSURE	1	00543255	<	<	<	<	<
.18	NIPPLE, X-STR. PIPE - 1/8 X 1-1/2	1	00901176 0046	<	<	<	<	<
.19	CONNECTOR, 90° MALE - 3/8T X 1/8 PT	1	00915557 0062	<	<	<	<	<
.20	CONNECTOR, MALE - 3/8T X 1/4 PT	1	00915543 0064	<	<	<	<	<
.21	BUSHING, REDUCING - 1 X 3/8	1	00901159 0005	<	<			
.21	BUSHING, REDUCING - 1-1/4 X 3/8	1				00901159 0008	<	<
.22	NIPPLE, X-STR. CLOSE - 1 X 1-1/2	2	00901176 0051	<	<			
.22	NIPPLE, PIPE - 1-1/4 X 4	1				00902466 0133	<	<
.23	TEE, STRAIGHT SERVICE - 1/4	1	00906350 0001	<	<	<	<	<
.24	VALVE, CHECK	1	00519214 0007	<	<	00519214 0018	<	<
.25	ELBOW, SIDE OUTLET - 1"	1	00902150 0006	<	<			
.25	ELBOW, SIDE OUTLET - 1-1/4	1				00902150 0007	<	<
.26	NIPPLE, X-STR. PIPE - 1-1/4 X 2	1				00901176 0061	<	<
.27	BUSHING, REDUCING - 1-1/4 X 1	1	00901160 0017	<	<			
.28	CONNECTOR, SPECIAL	1	00543286 0003	<	<	<	<	<
.30	BUSHING, REDUCING - 1/2 X 1/4	1	00901167 0005	<	<			
.31	COUPLING, STRAIGHT PIPE	1	00910038 0005	<	<	<	<	<
*	GASKET	2	00910068 0005	<	<	<	<	<
.32	NIPPLE, THD. ONE END ONLY - 1-1/4 X 3-1/2	1	00910096 0115	<	<			

REVISIONS:	M1460L	M1626L							
------------	--------	--------	--	--	--	--	--	--	--

MC-2484 TSP 8/85

* NOT ILLUSTRATED < IDENTICAL TO PRECEDING PART NUMBER

11



LEGEND: A = WITH AFTERCOOLER
B = LESS AFTERCOOLER

REFERENCE DRAWING NO. GD-374

PAGE 2 of 3

PIPING, AIR & OIL ASSEMBLY - RECEIVER & PARTS ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
.33	REDUCER, FEMALE PIPE - 1-1/4 X 1	1	00901147 0014	<	<			
.34	TUBE ASSEMBLY	1	00543290 0022	<	<			
.35	ORIFICE, STRAIGHT CONNECTOR	1	00910239 0001	<	<	00910239 0002	<	<
.36	CONNECTOR, FEMALE - 1/4T X 1/8 PT	1	00915550 0004	<	<	<	<	<
.37	TUBING (FT.)	2.2	00910086	<	<	< (QTY. 2.8)	< (QTY. 2.8)	< (QTY. 2.8)
.38	CONNECTOR, 90° MALE - 1/4T X 1/8 PT	1	00915557 0004	<	<	<	<	<
.39	NIPPLE, PIPE - 1/4 X 1-1/4	1	00902466 0029	<	<			
.40	ELBOW, 90° REDUCING - 1/2 X 1/4	1	00904182 0005	<	<			
.41	CONNECTOR, MALE - 1/2T X 1/2 PT	1	00912034 0088	<	<			
.42	TUBE, OIL COOLER TO AIR END	1	01227611 0064	<	<			
.43	ELBOW, 90° MALE - 3/4T X 1/2 PT	1				00911987 0128	<	<
.44	TUBE, OIL FILTER TO COOLER	1	01227611 0062	<	<	01760049 0070	<	<
B	RECEIVER & PARTS ASSY. (A)		00707066 2006	<	<	00707067 2007	<	<
B	RECEIVER & PARTS ASSY. (B)		00707066 2007	<	<	00707067 2008	<	<
.1	RECEIVER	1	03228131 0012	<	<	03228131 0013	<	<
.2	PLUG, SQ. HD. PIPE - 1/2	1	00901204 0004	<	<	<	<	<
.3	SCREW, CAP HEX HD. - 5/16 X 1-1/2	4	00900012 0032	<	<	<	<	<
.4	WASHER, PLAIN - 5/16	4	00900317 0003	<	<	<	<	<
.5	TUBING (FT.)	4	00910084	<	<	<	<	<
.6	CONNECTOR, MALE - 3/8T X 1/4 PT	1	00915543 0064	<	<	<	<	<
.7	NUT, ELASTIC STOP - 5/16-18	4	00900490 0051	<	<	<	<	<
.8	BUSHING, REDUCING - 1/2 X 1/4	1				00901167 0005	<	<
.9	TEE, STRAIGHT SERVICE - 1/4	1	00906350 0001	<	<		<	<
.9	TEE, STRAIGHT SERVICE - 1/2	1				00906350 0003	<	<
.11	PLUG, SQ. HD. PIPE - 1-1/4 (A)	1	00901204 0007	<	<			
.11	PLUG, SQ. HD. PIPE - 1-1/4 (B)	1				00901204 0007	<	<
.11	PLUG, SQ. HD. PIPE - 1-1/2 (A)	1				00901204 0008	<	<
.12	ELBOW, 90° STREET - 1-1/4 (B)	1	00901046 0007	<	<			
.12	ELBOW, 90° STREET - 1-1/2 (B)	1				00901046 0008	<	<
.13	ADAPTER, MALE - 1-1/4T X 1-1/4 PT (B)	1	00907234 2020	<	<			
.13	ADAPTER, MALE - 1-1/2T X 1-1/2 PT (B)	1				00907234 2424	<	<
.14	HOSE ASSEMBLY	1	00519120 0284	<	<	00519120 0285	<	<
.15	NIPPLE, PIPE - 1 X 4 (B)	1	00902466 0132	<	<			
.15	NIPPLE, PIPE - 1-1/4 X 4 (B)	1				00902466 0133	<	<
.16	ELBOW, 90° REDUCING - 1-1/4 X 1 (B)	1	00904182 0012	<	<			

REVISIONS:	M1460L	M1626L							
-------------------	--------	--------	--	--	--	--	--	--	--

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER

12



LEGEND: A = WITH AFTERCOOLER
B = LESS AFTERCOOLER

REFERENCE DRAWING NO. GD-374

PAGE 3 of 3

RECEIVER & PARTS ASSEMBLY - COOLER ASSEMBLIES

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
.16	ELBOW, 90° REDUCING - 1-1/4 X 1 (A)	1				00904182 0012	<	<
.16	ELBOW, 90° REDUCING - 1-1/2 X 1-1/4 (B)	1				00904182 0015	<	<
.17	NIPPLE, PIPE - 1 X 3-1/2 (A)	1	00902466 0114	<	<			
.17	NIPPLE, PIPE - 1 X 3 (A)	1				00902466 0096	<	<
.18	CONNECTOR, 90° MALE - 3/8T X 1/4 PT (A)	1	00915557 0064	<	<	<	<	<
.19	CONNECTOR, MALE - 1" T X 1" PT (A)	2	00912034 0016	<	<			
.19	CONNECTOR, MALE - 1-1/4T X 1-1/4 PT (A)	2				00912034 0020	<	<
.20	TUBE, AFTERCOOLER TO SEPARATOR (A)	1	01228437 0093	<	<	01663825 0041	<	<
.21	ELBOW, 90° STREET - 1" (A)	1	00901046 0006	<	<			
.21	ELBOW, 90° RED. STREET - 1-1/4 X 1 (A)	1				00901053 0004	<	<
.22	NIPPLE, X-STR. PIPE - 1" X 1-1/2 (A)	1	00901176 0051	<	<	<	<	<
.23	SEPARATOR, MOISTURE W/ TRAP (A)	1	00543225	<	<	<	<	<
.24	ELBOW, 90° FEMALE UNION - 1" (A)	1	00901079 0006	<	<	<	<	<
.25	PLUG, SQ. HD. PIPE - 1" (B)	1	00901204 0006	<	<			
.26	BUSHING, REDUCING - 1-1/4 X 1" (A)	1				00901160 0017	<	<
.27	PLUG, SQ. HD. PIPE - 1/4 (A)	1	00901204 0002	<	<	<	<	<
.28	DECAL, NOTICE - PLUG (A)	1	01228378 0073	<	<	<	<	<
.29	NIPPLE, PIPE - 1" x 6-1/2 (A)	1				00902466 0213	<	<
C	COOLER ASSEMBLIES							
.1	NIPPLE, X-STR. CLOSE - 1 X 1-1/2 (A)	1	00901176 0051	<	<			
.2	REDUCER, FEMALE PIPE - 1-1/4 X 1 (A)	1	00901147 0014	<	<			
.3	HOSE ASSEMBLY (A)	1	00519120 0284	<	<	00519120 0158	<	<
.4	ADAPTER, MALE - 1-1/4T X 1-1/4 PT (A)	1	00907234 2020	<	<	<	<	<
.5	ELBOW, 90° RED. - 1-1/4 X 1" (A)	1	00904182 0012	<	<	<	<	<
.6	NIPPLE, PIPE - 1 X 2-1/2 (A)	1	00902466 0078	<	<	<	<	<
.7	PANEL, COOLER SPACER (B)	1	01663769 0640	<	<	01663769 0641	<	<
.8	EXCHANGER, HEAT (AFTERCOOLER) (A)	1	00543305 0129	<	<	00543305 0131	<	<
.9	EXCHANGER, HEAT (OIL COOLER)	1	00543305 0128	<	<	00543305 0130	<	<
D	VALVE, SAFETY - 125 PSI (BASE MTD.)	1	00543099	<	<	00543100	<	<
D	VALVE, SAFETY - 125 PSI (TANK MTD.)	2	00543099	<	<	00543100	<	<
D	VALVE, SAFETY - 150 PSI (BASE MTD.)	1	00514359 0062	<	<	00543407 0001	<	<
D	VALVE, SAFETY - 150 PSI (TANK MTD.)	2	00514359 0062	<	<	00543407 0001	<	<

REVISIONS:

M1460L

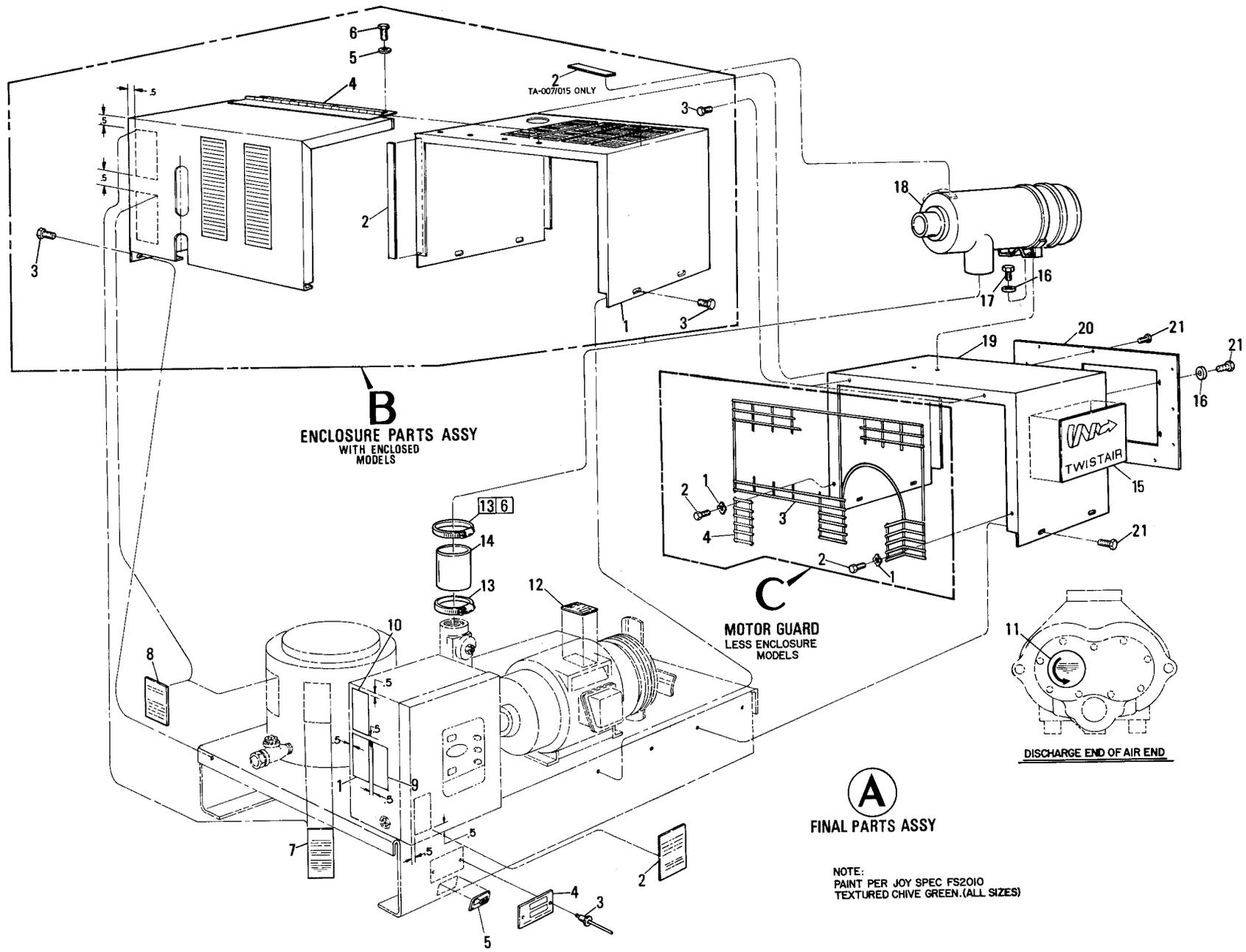
M1626L

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER

13



DRAWING NO. GD-362
Final Parts and Enclosure Assy's

NOTICE
REFERENCE NUMBERS MAY BE REPEATED
SEE HOW TO USE PARTS LIST.



FINAL PARTS ASSEMBLY - ENCLOSURE ASSEMBLY - MOTOR GUARD & MTG. PARTS

ITEM FIND	DESCRIPTION	QTY.	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030
			PART NO.	PART NO.				
A	FINAL PARTS ASSEMBLY		00707063 2012	<	<	00707063 2013	<	<
.1	DECAL, WARNING - MANUAL	1	01228378 0062	<	<	<	<	<
.2	DECAL, WARNING - ELECTRIC	1	01228378 0071	<	<	<	<	<
.3	RIVET, POP - 1/8 X 3/8	2	00910270 0007	<	<	<	<	<
.4	PLATE, IDENTIFICATION	1	01663832 0046	<	<	<	<	<
.5	PLATE, NAME - U.S.A.	1	01403832 0022	<	<	<	<	<
.6	CLAMP, HOSE - 1-3/4 TO 2-1/4	1	00904696 0036	<	<	<	<	<
.7	DECAL, NOTICE - LUBRICANT	1	01228378 0066	<	<	<	<	<
.8	DECAL, DANGER - PRESSURE	1	01228378 0058	<	<	<	<	<
.9	DECAL, CAUTION - SPARE PARTS	1	01228378 0065	<	<	<	<	<
.10	DECAL, DANGER - BREATHING	1	01228378 0057	<	<	<	<	<
.11	DECAL, ROTATION	1	01660328	<	<	<	<	<
.12	DECAL, CAUTION - LIFTING	1	01228378 0059	<	<	<	<	<
.13	CLAMP, HOSE - 2-1/2 TO 3	1	00904696 0048	<	<	< (QTY. 2)	< (QTY. 2)	< (QTY. 2)
.14	SLEEVE	1	01228265 0043	<	<	01228265 0041	<	<
.15	DECAL, TWISTAIR	1	01661700 0073	<	<	<	<	<
.16	WASHER, PLAIN - 1/4	6	00900317 0002	<	<	<	<	<
.17	SCREW, CAP HEX HD. - 1/4 X 1/2	2	00900012 0387	<	<	<	<	<
.18	FILTER, AIR	1	00519002 0045	<	<	00519002 0046	<	<
*	ELEMENT	1	03662177 0004	<	<	03606797	<	<
.19	SHROUD ASSEMBLY	1	03228390 0015	<	<	03228390 0016	<	<
.20	PANEL, FRONT COOLER SHROUD	1	01663769 0643	<	<	01663769 0645	<	<
.21	SCREW, THD. FORMING - 1/4-20 X 1/2	21	00913792 0038	<	<	< (QTY. 22)	< (QTY. 22)	< (QTY. 22)
B	ENCLOSURE AND MTG. PARTS (E-MODELS)							
.1	PANEL, ASSY. - CENTER W/ LINER	1	00543322 0116	<	<	00543322 0118	<	<
.2	TAPE - 1/8 X 1/2 NEOPRENE	(FT.) 1.8	00800125	<	<	< (QTY. 1.9)	< (QTY. 1.9)	< (QTY. 1.9)
.3	SCREW, THD. FORMING - 1/4-20 X 1/2	8	00913792 0038	<	<	< (QTY. 10)	< (QTY. 10)	< (QTY. 10)
.4	PANEL, ASSY. - END & SIDE W/ LINER	1	00543322 0117	<	<	00543322 0119	<	<
.5	WASHER, PLAIN - 1/4	4	00900317 0002	<	<	< (QTY. 5)	< (QTY. 5)	< (QTY. 5)
.6	SCREW, CAP HEX HD. - 1/4 X 3/4	4	00900012 0001	<	<	< (QTY. 5)	< (QTY. 5)	< (QTY. 5)
*	DECAL, NOTICE - LUBRICANT	1	01228378 0066	<	<	<	<	<
*	DECAL, DANGER - PRESSURE	1	01228378 0058	<	<	<	<	<
C	MOTOR GUARD & MTG. PARTS (B-MODELS)							
.1	WASHER, LOCK - 1/4 DISHED	6	00910183 0007	<	<	< (QTY. 10)	< (QTY. 10)	< (QTY. 10)
.2	SCREW, THD. FORMING - 1/4-20 X 1/2	6	00913792 0038	<	<	< (QTY. 10)	< (QTY. 10)	< (QTY. 10)
.3	GUARD, FAN	1	03661655 0064	03661655 0065	03661655 0066	03661655 0068	03661655 0067	<
.4	GUARD, FAN	1				03661655 0069	<	<

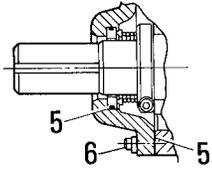
15

REVISIONS:	M1460L	M1463L							
------------	--------	--------	--	--	--	--	--	--	--

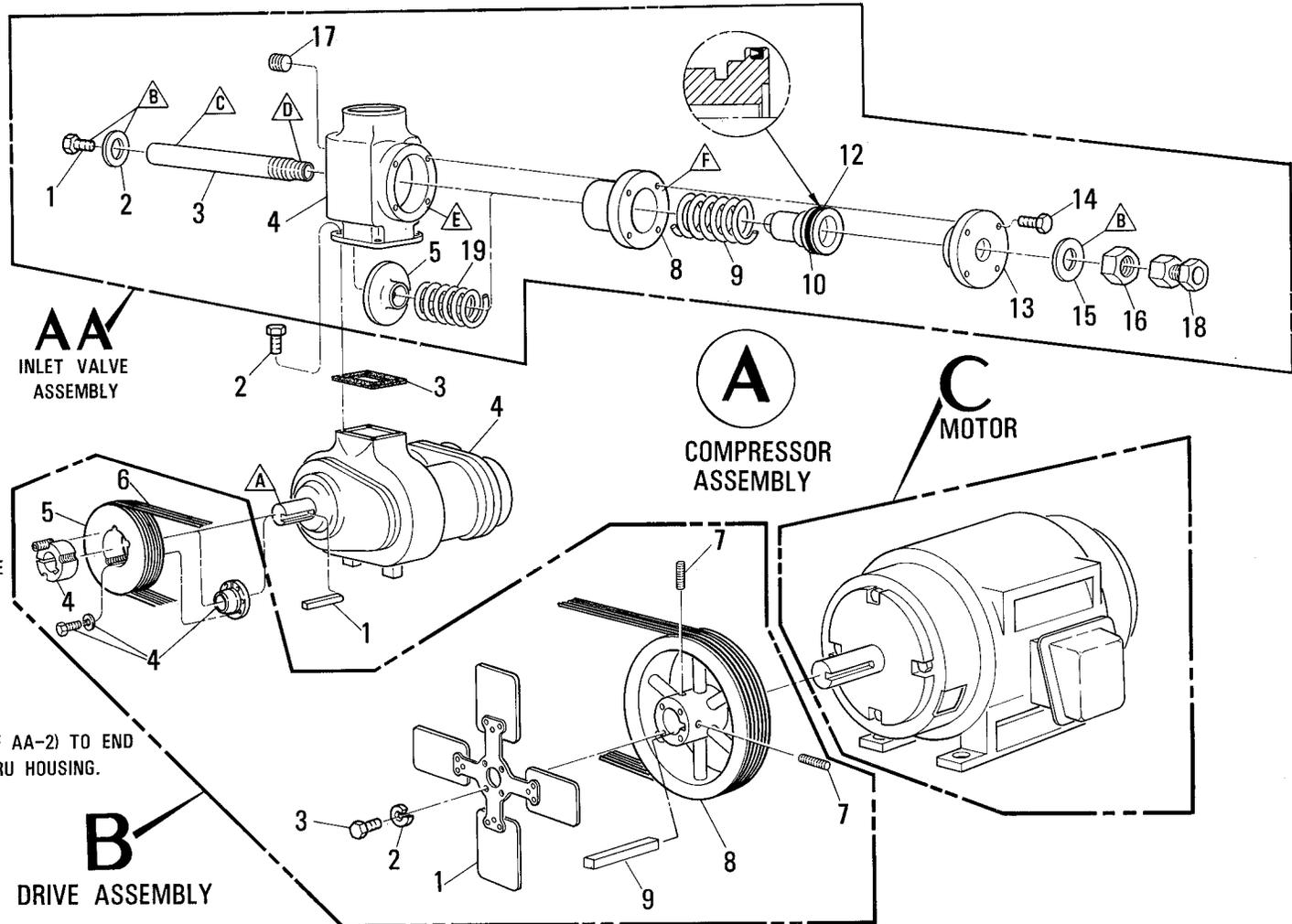
MC-2484 TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



COMPRESSOR DRIVE SHAFT



A THE SHAFT SEAL AND ADAPTER GASKET ARE THE ONLY PARTS OF THE COMPRESSOR UNIT THAT CAN BE PURCHASED FROM THE FACTORY. A FACTORY REMANUFACTURED UNIT CAN BE PURCHASED ON AN EXCHANGE BASIS AT A NOMINAL CHARGE. THE REMANUFACTURED UNIT IS THOROUGHLY TESTED BUT DOES NOT INCLUDE THE INLET VALVE.

B SEAL UNDER CAPSCREW HEAD, WASHER, & NUT WITH THREAD SEALANT.

C COAT CONTROL SHAFT WITH MOLYBDENUM DISULFIDE LUBRICANT.

D SEAL PIPE THREAD WITH THREAD SEALANT.

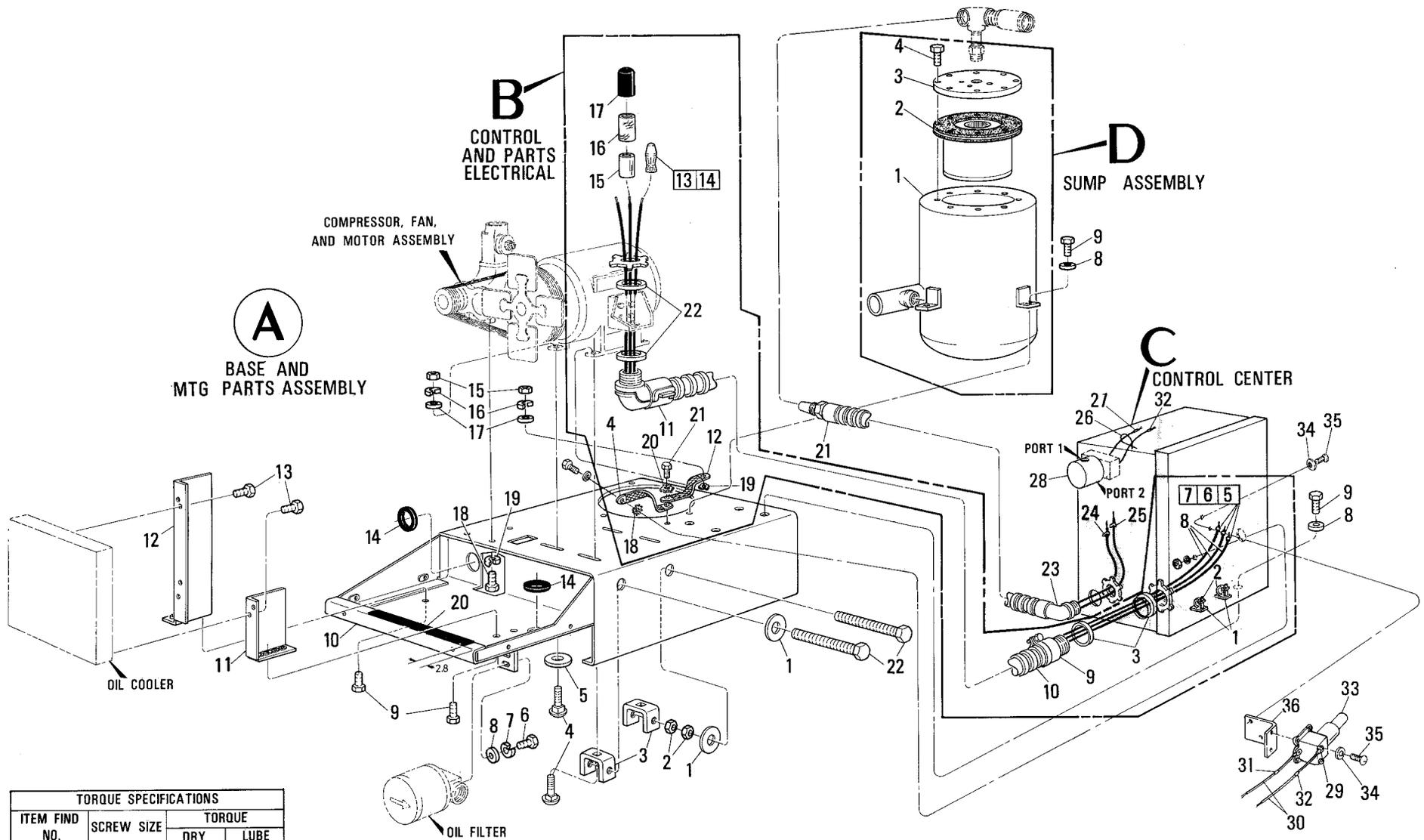
E BOND CYLINDER TO BODY WITH LIQUID GASKET.

F BOND CYLINDER TO HEAD WITH LIQUID GASKET.

G ASSEMBLE CAPSCREW (1/F AA-1) AND WASHER (1/F AA-2) TO END OF SHAFT (1/F AA-3) BEFORE INSERTING SHAFT THRU HOUSING.

TORQUE SPECIFICATIONS			
ITEM FIND NO.	SCREW SIZE	TORQUE	
		DRY	LUBE
B-3	1/4 x 5/8	96IN.LBS.	75IN.LBS.
A-2	3/8 x 1	30FT.LBS.	23FT.LBS.
B-7	1/2 - 13	100FT.LBS.	90FT.LBS.
A-6	5/16 x 1	17FT.LBS.	13FT.LBS.
AA-1	3/8 x 1/2	30FT.LBS.	23FT.LBS.
AA-14	1/4 x 1 1/2	96 IN.LBS.	75IN.LBS.

BELT TENSION FORCES				
MODEL	DEFLECTION INCHES	INITIAL TENSION FORCE LBS.	NORMAL FORCE LBS.	
			MIN.	MAX.
TA-040	5/16	8.5	4.5	6.5



DRAWING NO. GD-315

Base & Mtg. Parts Assembly—Electrical Control & Parts Assembly

NOTICE
REFERENCE NUMBERS MAY BE REPEATED.
SEE HOW TO USE PARTS LIST.



BASE & MTG. PARTS ASSEMBLY - ELECTRICAL CONTROL & PARTS ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-040				
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
A	BASE & MOUNTING PARTS ASSEMBLY		00701780 0008				
.1	WASHER, PLAIN - 3/4	2	00900322 0015				
.2	NUT, HEX - 3/4	2	00900160 0007				
.3	BRACKET, CLEVIS	2	01663798 0085				
.4	BOLT, CARRIAGE - 5/8 X 2-3/4	4	00901875 0118				
.5	WASHER, PLAIN - 7/8	2	00900322 0016				
.6	SCREW, CAP HEX HD. - 5/16 X 5/8	2	00900012 0391				
.7	WASHER, LOCK - 5/16	2	00900302 0059				
.8	WASHER, PLAIN - 5/16	9	00900317 0003				
.9	SCREW, CAP HEX HD. - 5/16 X 1	11	00900012 0012				
.10	BASE ASSEMBLY	1	03760338 0035				
.11	SUPPORT, ASSY. - COOLER	1	03663693 0361				
.12	SUPPORT, ASSY. - COOLER	1	03663693 0362				
.13	SCREW, CAP HEX HD. - 1/4 X 1/2	3	00900012 0387				
.14	GROMMET, RUBBER	2	00901413 0016				
.15	NUT, HEX - 5/8	4	00900160 0006				
.16	WASHER, LOCK - 5/8	4	00900302 0064				
.17	WASHER, PLAIN - 5/8	4	00900317 0006				
.18	SCREW, CAP HEX HD. - 1/2 X 7/8	3	00900012 0408				
.19	WASHER, LOCK - 1/2	3	00900302 0004				
.20	TAPE (FT.)	2	00800736				
.21	SWITCH, TEMPERATURE	1	00600715 0416				
.22	BOLT, HEX TAP - 3/4 X 11-1/2	2	00910390 0051				
.23	CONNECTOR, 90° ELBOW	1	00600703 0054				
.24	MARKER, WIRE WMT-4 (FT.)	.2	00600714 1249				
.25	MARKER, WIRE WMT-3 (FT.)	.2	00600714 1248				
.26	TIE, TY-RAP	3	00600704 0342				
.27	MARKER, WIRE WMT-2 (FT.)	.2	00600714 1247				
.28	VALVE, SOLENOID 2-WAY	1	00600734 0263				
.29	TERMINAL, #8 RING TONGUE	2	00600740 0004				
.30	WIRE, #16 RED (FT.)	1	00600750 0015				
.31	MARKER, WIRE WMT-8 (FT.)	.2	00600714 1293				
.32	MARKER, WIRE WMT-10 (FT.)	.4	00600714 1295				
.33	SWITCH, AIR PRESSURE	1	00600713 0243				
.34	WASHER, LOCK-INT. TOOTH NO. 10	4	00900609 0004				
.35	SCREW, RD. HD. MACH. - NO. 10-32 X 1/2	4	00900333 0109				
.36	BRACKET, APS SUPPORT	1	01663798 0127				
B	ELECTRICAL CONTROL & PARTS (200 V.)		00707101 2064				

19

REVISIONS:	M1321L								
-------------------	--------	--	--	--	--	--	--	--	--

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



ELECTRICAL CONTROL & PARTS ASSEMBLY - SUMP ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-040					
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
B	ELECTRICAL CONTROL & PARTS (230 V.)		00707101 2065					
B	ELECTRICAL CONTROL & PARTS (460, 575 V.)		00707101 2066					
.1	MOUNT, ANCHOR - ADHESIVE BACK	4	00600704 0351					
.2	TIE, TY-RAP	4	00600704 0343					
.3	WASHER, REDUCING - 1-1/2 TO 1"	2	00600692 0010					
.4	STRAP, GROUND	1	01760404 0043					
.5	MARKER, WIRE WMT-T3 (FT.)	.2	00600714 1253					
.6	MARKER, WIRE WMT-T2 (FT.)	.2	00600714 1252					
.7	MARKER, WIRE WMT-T1 (FT.)	.2	00600714 1251					
.8	CABLE (200 V.) (FT.)	11.2	00602111 0018					
.8	CABLE (230 V.) (FT.)	11.2	00602111 0019					
.8	CABLE (460, 575 V.) (FT.)	11.2	00602111 0021					
.9	CONNECTOR, STRAIGHT - 1" (FT.)	1	00600703 0029					
.10	CONDUIT, FLEX (FT.)	1.7	00600702 0005					
.11	CONNECTOR, 90° ELBOW - 1"	1	00600703 0038					
.12	STRAP, GROUND	1	01760404 0044					
.13	CONNECTOR, MOTOR LEAD (460, 575 V.)	3	00600704 0448					
.14	CONNECTOR, MOTOR LEAD (230 V.)	3	00600704 0449					
.15	CONNECTOR, MOTOR LEAD (200 V.)	3	00600704 0492					
.15	CONNECTOR, MOTOR LEAD (230, 460, 575 V.)	3	00600704 0490					
.16	TUBING, SILICONE RESIN (FT.)	.9	00800086					
.17	CAP, END	3	00600704 0520					
.18	WASHER, LOCK EXT./INT. TOOTH - 1/4	1	00905631 0013					
.19	WASHER, LOCK EXT./INT. TOOTH - 5/8	1	00905631 0029					
.20	WASHER, LOCK EXT./INT. TOOTH - 3/8	1	00905631 0020					
.21	SCREW, CAP HEX HD. - 3/8 X 1-1/4	1	00900012 0023					
.22	WASHER, REDUCING - 2" to 3/4	2	00600692 0013					
C	CONTROL CENTER REFER TO PAGE 27 FOR INTERNAL PARTS BREAKDOWN	1	00527070 1342					
D	SUMP ASSEMBLY		00543236 2022					
.1	SUMP, AIR-OIL	1	03662422 0044					
.2	SEPARATOR	1	00543117 0042					
.3	HEAD, SUMP	1	01228358 0014					
.4	SCREW, CAP HEX HD. - 5/8 X 1-1/2 GRADE 8	8	00900042 0035					

20

REVISIONS:	M7441L									
-------------------	--------	--	--	--	--	--	--	--	--	--

MC-2484
TSP 8/85

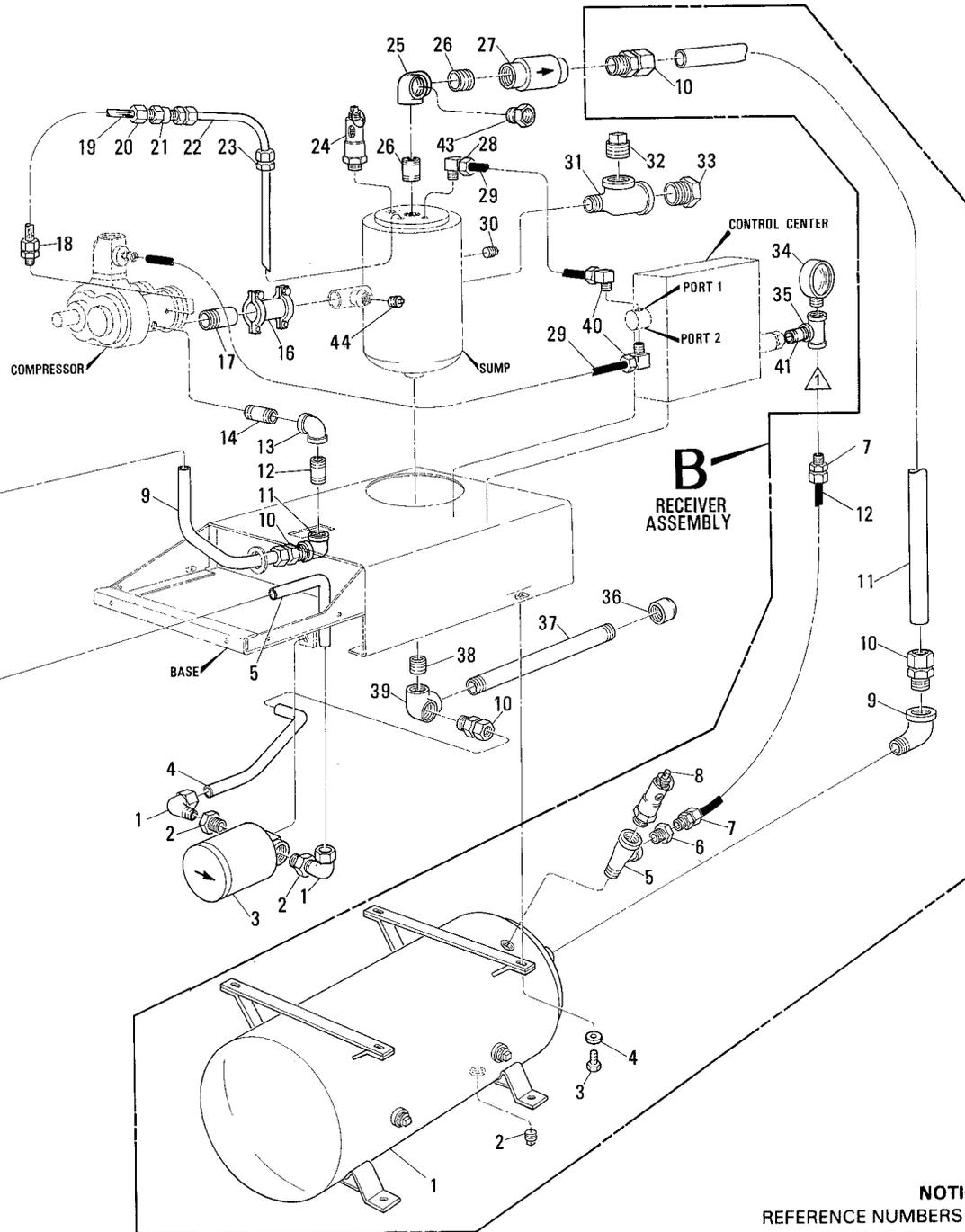
* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER

A
**COOLER, OIL PARTS
 AND PIPING ASSEMBLY**

NOTE:
 ⚠ SYSTEM PRESSURE APPLIED HERE.

TORQUE SPECIFICATIONS				
ITEM NO.	ITEM NO.	SCREW SIZE	TORQUE	
			DRY	LUBE
8-3		1/2 x 1 1/2	75 FTLBS.	55 FTLBS.



DRAWING NO. GD-254
 Piping, Air and Oil Assembly

NOTICE
 REFERENCE NUMBERS MAY BE REPEATED.
 SEE HOW TO USE PARTS LIST.



PIPING, AIR & OIL ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-040					
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
A	PIPING, AIR & OIL ASSEMBLY		00707079 2136					
.1	ELBOW, 90° MALE - 3/4 T X 3/4 PT	2	00911987 0012					
.2	BUSHING, REDUCING - 1-1/4 X 3/4	2	00901160 0016					
.3	FILTER, ASSY. - OIL	1	00514087 0031					
*	ELEMENT	1	01228337 0003					
.4	TUBE, SUMP TO OIL FILTER	1	01662704 0065					
.5	TUBE, FILTER TO OIL COOLER	1	01662704 0063					
.6	KIT, OIL COOLER MAINTENANCE	1	H0701701 0344					
.7	UNION, TUBE - 3/4 T	1	00912047 0012					
.8	ELBOW, 90° UNION - 3/4 T	1	00911990 0012					
.9	TUBE, OIL COOLER TO AIR END	1	01760049 0035					
.10	CONNECTOR, MALE - 3/4 T X 3/4 PT	2	00912034 0012					
.11	ELBOW, 90° PIPE - 3/4	1	00901023 0005					
.12	NIPPLE, PIPE - 3/4 X 2-1/2	1	00902466 0077					
.13	ELBOW, 90° REDUCING - 3/4 X 3/8	1	00904182 0007					
.14	NIPPLE, PIPE - 3/8 X 2	1	00902466 0057					
.16	COUPLING, STRAIGHT PIPE	1	00910038 0006					
*	GASKET	2	00910068 0006					
.17	NIPPLE, THD. ONE END ONLY - 1-1/2 X 5-1/2	1	00910096 0188					
.18	CONNECTOR, MALE - 1/4 T X 1/8 PT	1	00915543 0004					
.19	TUBING (FT.)	1.9	00910086					
.20	CONNECTOR, FEMALE - 1/4 T X 1/8 PT	1	00915550 0004					
.21	ORIFICE, STRAIGHT CONNECTOR - .032	1	00910239 0001					
.22	TUBE ASSEMBLY	1	00543290 0787					
.23	CONNECTOR, SPECIAL	1	00543286 0003					
.24	VALVE, SAFETY	1	00543100					
.25	ELBOW, SIDE OUTLET - 1-1/2	1	00902150 0008					
.26	NIPPLE, X-STR. CLOSE - 1-1/2 X 1-3/4	2	00901176 2025					
.27	VALVE, CHECK	1	00527697 0011					
.29	TUBING (FT.)	6.6	00910084					
.31	TEE, STRAIGHT SERVICE - 1"	1	00906350 0005					
.32	PLUG, SQ. HD. PIPE - 1"	1	00901204 0006					
.33	GLASS, SIGHT	1	00914483 0016					
.34	GAUGE, PRESSURE	1	00543096					
.35	TEE, PIPE - 1/4	1	00901090 0002					
.36	CAP, PIPE - 3/4	1	00901190 0005					
.37	NIPPLE, PIPE - 3/4 X 1 1/2	1	00902466 0293					
.38	NIPPLE, X-STR. CLOSE - 3/4 X 1-3/8	1	00901176 0041					
.39	ELBOW, SIDE OUTLET - 3/4	1	00902150 0005					
.40	CONNECTOR, 90° MALE - 3/8 T X 3/8 PT	2	00915557 0066					

REVISIONS:	M1313L																		
-------------------	--------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER

23



LEGEND: A = WITH AFTERCOOLER
B = LESS AFTERCOOLER

REFERENCE DRAWING NO. GD-254

PAGE 2 of 2

PIPING, AIR & OIL ASSEMBLY - RECEIVER & PARTS ASSEMBLY

ITEM FIND	DESCRIPTION	QTY.	TA-040					
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
.41	NIPPLE, X-STR. CLOSE - 1/4 X 7/8	1	00901176 0002					
.43	BUSHING, REDUCING - 1-1/2 X 3/8	1	00901176 2025					
.44	PLUG, SQ. HD. PIPE - 3/8	1	00901204 0003					
*	TEE, MALE RUN - 3/8 T X 1/4 PT	1	00915564 0064					
*	CONNECTOR, 90° MALE - 3/8 T X 1/8 PT	1	00915557 0062					
*	INDICATOR, DIFFERENTIAL PRESSURE	1	00543255					
*	NIPPLE, X-STR. PIPE - 1/8 X 2	1	00901176 0055					
B	RECEIVER & PARTS ASSEMBLY (A)		00707068 2001					
B	RECEIVER & PARTS ASSEMBLY (B)		00707068 2000					
.1	RECEIVER	1	03228131 0005					
.2	PLUG, SQ. HD. PIPE - 1/2	1	00901204 0004					
.3	SCREW, CAP HEX HD. - 1/2 X 1-1/2	4	00900012 0034					
.4	WASHER, PLAIN - 1/2	4	00900317 0005					
.5	TEE, STRAIGHT SERVICE - 1/2	1	00906350 0003					
.6	BUSHING, REDUCING - 1/2 X 1/4	1	00901167 0005					
.7	CONNECTOR, MALE - 3/8 T X 1/4 PT	2	00915543 0064					
.8	VALVE, SAFETY	1	00543100					
.9	ELBOW, 90° STREET - 1-1/2	1	00901046 0008					
.10	CONNECTOR, MALE - 1-1/2 T X 1-1/2 PT	2	00912034 2424					
.11	AFTERCOOLER (A)	1	03609591 0005					
.11	TUBE, SUMP TO RECEIVER (B)	1	01228438 0021					
.12	TUBING (FT.)	2	00910084					
*	SEPARATOR, MOISTURE W/ TRAP (A)	1	00543225					

24

REVISIONS:

M1313L

MC-2484
TSP 8/85

* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



FINAL PARTS ASSEMBLY - MOTOR GUARD & MTG. PARTS

ITEM FIND	DESCRIPTION	QTY.	TA-040					
			PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
A	FINAL PARTS ASSEMBLY		00707063 2009					
.1	PLATE, IDENTIFICATION	1	01663832 0046					
.2	RIVET, POP - 1/8 X 3/8	2	00910270 0007					
.3	DECAL, WARNING - MANUAL	1	01228378 0062					
.4	DECAL, WARNING - ELECTRIC	1	01228378 0071					
.6	PLATE, JOY WORLD	1	01663844 0011					
.7	TAPE (FT.)	5.9	00818067					
.8	SCREW, CAP HEX HD. - 5/16 X 3/4	6	00900012 0002					
.9	WASHER, PLAIN - 5/16	6	00900317 0003					
.10	DECAL, TWISTAIR	1	01661700 0073					
.11	SHROUD ASSEMBLY	1	03228390 0010					
.12	SCREW, CAP HEX HD. - 3/8 X 1/2	2	00900012 0393					
.13	FILTER, AIR	1	00519002 0049					
*	ELEMENT	1	03606283 0027					
.14	CLAMP, HOSE - 3-7/8 TO 4-3/4	2	00902320 0152					
.15	HOSE, HUMP	1	00910077 0003					
.16	DECAL, NOTICE - LUBRICANT	1	01228378 0066					
.17	DECAL, DANGER - PRESSURE	1	01228378 0058					
.18	DECAL, DANGER - BREATHING	1	01228378 0057					
.19	DECAL, CAUTION - LIFTING	1	01228378 0059					
.20	DECAL, CAUTION - SPARE PARTS	1	01228378 0065					
.21	DECAL, WARNING - AUTO-RESTART	1	01228378 0070					
.22	PLATE, NAME - U.S.A.	1	01403832 0022					
B	MOTOR GUARD & MTG. PARTS (B-MODELS)							
.1	SCREW, THD. FORMING - 1/4-20 X 1/2	7	00913792 0038					
.2	WASHER, LOCK - 1/4 DISHED	7	00910183 0007					
.3	GUARD, FAN	1	03661655 0072					

27

REVISIONS:	M1388L								
------------	--------	--	--	--	--	--	--	--	--

MC-2484
TSP 8/85

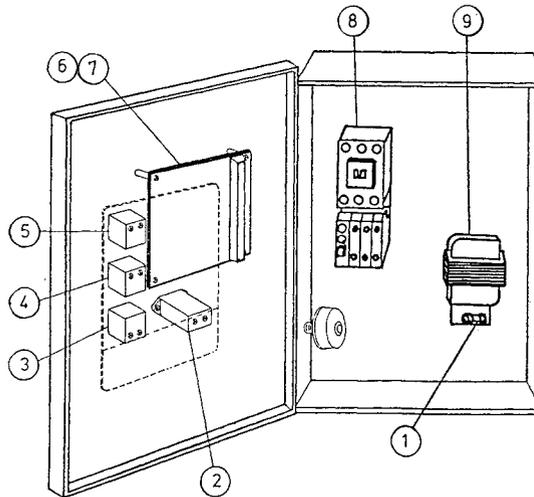
* NOT ILLUSTRATED

< IDENTICAL TO PRECEDING PART NUMBER



ELECTRICAL CONTROL CENTER

DESCRIPTION	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030			
	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
CONTROL CENTER (200 V.)	00527070 1359	<	00527070 1360	00527070 1361	<	<			
CONTROL CENTER (230 V.)	00527070 1359	<	00527070 1360	<	00527070 1361	<			
CONTROL CENTER (460 V.)	00527070 1359	<	<	<	00527070 1360	<			
CONTROL CENTER (575 V.)	00527070 1359	<	<	<	<	<			



88-36

ITEM FIND	DESCRIPTION	QTY.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
.1	CONTROL CENTER (TELEMECANIQUE INC.) FUSE	1	00527070 1359 00600751 0096	00527070 1360 00600751 0097	00527070 1361 00600751 0098			
.2	HOURLMETER	1	00600735 0102	<	<			
.3	BUTTON, RED - MUSHROOM HEAD	1	00600701 0728	<	<			
.4	BUTTON, RED - EXTENDED	1	00600701 0727	<	<			
.5	BUTTON, BLACK	1	00600701 0726	<	<			
.6	CARD, ASSY. - CONTROL	1	00543432 0008	<	<			
.7	CARD, ASSY. - DISPLAY	1	00543432 0009					
.8	STARTER	1	00602918 0003	00602918 0004	00602918 0005			
.9	TRANSFORMER (200 V.)	1	00600716 0121	00600716 0124	00600716 0123			
.9	TRANSFORMER (230 V.)	1	00600716 0118	00600716 0119	00600716 0120			
.9	TRANSFORMER (460 V.)	1	00600716 0118					
.9	TRANSFORMER (575 V.)	1	00600716 0122					

REVISIONS:

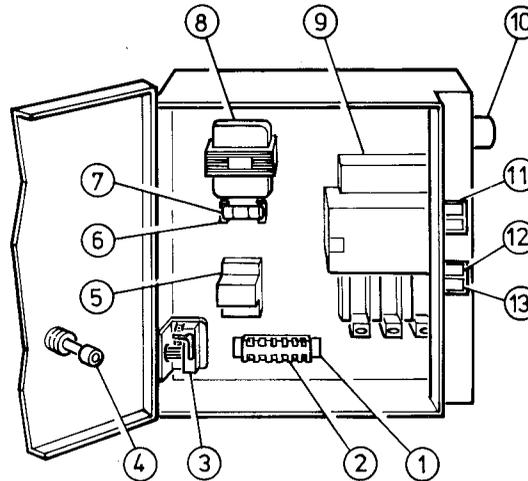
M1626L

< IDENTICAL TO PRECEDING PART NUMBER



ELECTRICAL CONTROL CENTER

DESCRIPTION	TA-040								
	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
CONTROL CENTER (200, 230, 460, 575 V.)	00527070 1342								



88-37

29

ITEM FIND	DESCRIPTION	QTY.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
.2	CONTROL CENTER (CUTLER-HAMMER INC.) BOARD, TERMINAL	1	00527070 1342	00600714 1240					
.3	SWITCH, AIR PRESSURE	1	00600713 0243						
.4	BUTTON, RESET	1	00600714 0980						
.5	RELAY, CONTROL	1	00600744 0231						
.6	HOLDER, FUSE	1	00600714 1244						
.7	FUSE	1	00600751 0022						
.8	TRANSFORMER (200, 230, 460 V.)	1	00600716 0097						
.8	TRANSFORMER (575 V.)	1	00600716 0101						
.9	STARTER	1	00526399 0448						
.10	VALVE, SOLENOID 2-WAY	1	00600734 0263						
.11	HOURMETER	1	00600735 0102						
.12	SWITCH, SELECTOR	1	00600701 0591						
.13	PUSHBUTTON, START-STOP	1	00600701 0593						

REVISIONS:

< IDENTICAL TO PRECEDING PART NUMBER



RECOMMENDED SPARES

PAGE NO.	DESCRIPTION	TA-007	TA-010	TA-015	SUGGESTED STOCK QUANTITIES FOR			
		PART NO.	PART NO.	PART NO.	1 UNIT	2 TO 5 UNITS	6 TO 9 UNITS	10 & OVER UNITS
3	COMPRESSOR ASSEMBLY	00543405 0061	<	<	0	0	1	2
3	GASKET, INLET VALVE TO STATOR	01663742 0138	<	<	1	2	3	4
3	KIT, SHAFT SEAL MAINTENANCE	H0701701 0350	<	<	1	2	4	6
3	INLET VALVE ASSEMBLY	00543266 0048	<	<	0	0	1	2
3	HEAD, CYLINDER	01662306 0014	<	<	1	1	2	3
3	CYLINDER	01662307 0013	<	<	1	1	2	3
3	PISTON	01662305 0013	<	<	1	2	3	4
3	SPRING	01228269 0036	<	<	1	2	3	4
3	SPRING	01228269 0049	<	<	1	2	3	4
3	PLATE, VALVE	01663597 0334	<	<	1	2	3	4
3	SHAFT, CONTROL	01662302 0015	<	<	1	2	3	4
3	SEAL, U-CUP	01663816 0004	<	<	1	2	3	4
3	FAN	03661626 0028	03661626 0029	03661626 0030	0	1	1	2
3	BELT, V (125 PSI) (SET)	00917863 0335	00917863 0337	00917863 0345	1	2	3	4
3	BELT, V (150 PSI) (SET)	00917862 0335	00917862 0337	00917862 0345	1	2	3	4
5	TRANSDUCER, PRESSURE	00600714 1464	<	<	0	1	2	3
5	CARD, ASSY. - CONTROL	00543432 0008	<	<	0	1	2	3
5	CARD, ASSY. - DISPLAY	00543432 0009	<	<	0	1	2	3
5	VALVE, SOLENOID 2-WAY	00600734 0264	<	<	0	1	2	3
5	SWITCH, TEMPERATURE	00600715 0372	<	<	0	1	2	3
7	SEPARATOR, SUMP	00543117 0040	<	<	1	2	4	6
9	ELEMENT, OIL FILTER	01228337 0016	<	<	1	3	6	9
9	GLASS, SIGHT	00914483 0016	<	<	1	2	3	4
9	INDICATOR, DIFFERENTIAL PRESSURE	00543255	<	<	0	1	2	3
9	VALVE, CHECK	00519214 0007	<	<	1	2	3	4
9 & 10	VALVE, SAFETY (125 PSI)	00543099	<	<	0	1	2	3
9 & 10	VALVE, SAFETY (150 PSI)	00514359 0062	<	<	0	1	2	3
9	GASKET, 1-1/4 COUPLING	00910068 0005	<	<	2	4	6	8
10	TUBING (FT.)	00910086	<	<	2	4	6	8
11	EXCHANGER, HEAT (AFTERCOOLER)	00543305 0129	<	<	0	0	1	2
11	EXCHANGER, HEAT (OIL COOLER)	00543305 0128	<	<	0	0	1	2
13	ELEMENT, AIR FILTER	03662177 0004	<	<	1	3	6	9

REVISIONS:

M1626L

< IDENTICAL TO PRECEDING PART NUMBER

30



RECOMMENDED SPARES

PAGE NO.	DESCRIPTION	TA-020	TA-025	TA-030	SUGGESTED STOCK QUANTITIES FOR			
		PART NO.	PART NO.	PART NO.	1 UNIT	2 TO 5 UNITS	6 TO 9 UNITS	10 & OVER UNITS
3	COMPRESSOR ASSEMBLY	00543405 0062	<	<	0	0	1	2
3	GASKET, INLET VALVE TO STATOR	01663742 0138	<	<	1	2	3	4
3	KIT, SHAFT SEAL MAINTENANCE	H0701701 0325	<	<	1	2	4	6
3	INLET VALVE ASSEMBLY	00543266 0048	<	<	0	0	1	2
3	HEAD, CYLINDER	01662306 0014	<	<	1	1	2	3
3	CYLINDER	01662307 0013	<	<	1	1	2	3
3	PISTON	01662305 0013	<	<	1	2	3	4
3	SPRING	01228269 0036	<	<	1	2	3	4
3	SPRING	01228269 0049	<	<	1	2	3	4
3	PLATE, VALVE	01663597 0334	<	<	1	2	3	4
3	SHAFT, CONTROL	01662302 0015	<	<	1	2	3	4
3	SEAL, U-CUP	01663816 0004	<	<	1	2	3	4
3	FAN	03661626 0031	03661626 0032	<	0	1	1	2
3	BELT, V (125 PSI) (SET)	00917863 0368	<	00917864 0367	1	2	3	4
3	BeIt, V (150 PSI) (SET)	00917862 0369	00917863 0369	00917863 0368	1	2	3	4
5	TRANSDUCER, PRESSURE	00600714 1464	<	<	0	1	2	3
5	VALVE, SOLENOID 2-WAY	00600734 0264	<	<	0	1	2	3
5	CARD, ASSY. - CONTROL	00543432 0008	<	<	0	1	2	3
5	CARD, ASSY. - DISPLAY	00543432 0009	<	<	0	1	2	3
5	SWITCH, TEMPERATURE	00600715 0372	<	<	0	1	2	3
7	SEPARATOR, SUMP	00543117 0040	<	<	1	2	4	6
9	ELEMENT, OIL FILTER	01228337 0016	<	<	1	3	6	9
9	GLASS, SIGHT	00914483 0016	<	<	1	2	3	4
9	INDICATOR, DIFFERENTIAL PRESSURE	00543255	<	<	0	1	2	3
9	VALVE, CHECK	00519214 0018	<	<	1	2	3	4
9 & 10	VALVE, SAFETY (125 PSI)	00543100	<	<	0	1	2	3
9 & 10	VALVE, SAFETY (150 PSI)	00543407 0001	<	<	0	1	2	3
9	GASKET, 1-1/4 COUPLING	00910068 0005	<	<	2	4	6	8
10	TUBING, CLEAR (FT.)	00910086	<	<	3	6	9	12
11	EXCHANGER, HEAT (AFTERCOOLER)	00543305 0131	<	<	0	0	1	2
11	EXCHANGER, HEAT (OIL COOLER)	00543305 0130	<	<	0	0	1	2
13	ELEMENT, AIR FILTER	03606797	<	<	1	3	6	9

REVISIONS:	M1 626L																		
-------------------	---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MC-2547
D 2/80

< IDENTICAL TO PRECEDING PART NUMBER

31



RECOMMENDED SPARES

PAGE NO.	DESCRIPTION	TA-040			SUGGESTED STOCK QUANTITIES FOR			
		PART NO.	PART NO.	PART NO.	1 UNIT	2 TO 5 UNITS	6 TO 9 UNITS	10 & OVER UNITS
15	GASKET, INLET VALVE TO STATOR	01663742	0146		1	2	3	4
15	COMPRESSOR ASSEMBLY	00543405	0063		0	0	1	2
15	KIT, SHAFT SEAL MAINTENANCE	H0701701	0326		1	2	4	6
15	INLET VALVE ASSEMBLY	00543266	0056		0	0	1	2
15	SHAFT, CONTROL	01662302	0014		1	2	3	4
15	PLATE, VALVE	01663597	0373		1	2	3	4
15	CYLINDER	01662307	0015		1	1	2	3
15	SPRING	01228269	0038		1	2	3	4
15	PISTON	01662305	0016		1	2	3	4
15	SEAL, U-CUP	01663816	0006		1	2	3	4
15	HEAD, CYLINDER	01662306	0017		1	1	2	3
15	SPRING	01228269	0050		1	2	3	4
15	FAN	00543224	0065		0	1	1	2
15	BELT, V (SET)	00909122	0371		1	2	3	4
17	SWITCH, TEMPERATURE	00600715	0416		0	1	2	3
17	VALVE, SOLENOID 2-WAY	00600734	0263		0	1	2	3
17	SWITCH, AIR PRESSURE	00600713	0243		0	1	2	3
18	SEPARATOR, SUMP	00543117	0042		1	2	4	6
21	ELEMENT, OIL FILTER	01228337	0003		1	3	6	9
21	KIT, OIL COOLER MAINTENANCE	H0701701	0344		0	0	1	2
21	GASKET, 1-1/2 COUPLING (FT.)	00910068	0006		2	4	6	8
21	TUBING, CLEAR	00910086			2	4	6	8
21 & 22	VALVE, SAFETY	00543100			0	1	2	3
21	VALVE, CHECK	00527697	0011		1	2	3	4
21	GLASS, SIGHT	00914483	0016		1	2	3	4
21	GAUGE, PRESSURE	00543096			0	1	2	3
22	INDICATOR, DIFFERENTIAL PRESSURE	00543255			0	1	2	3
22	AFTERCOOLER	03609591	0005		0	0	1	2
25	ELEMENT, AIR FILTER	03606283	0027		1	3	6	9

REVISIONS:									
------------	--	--	--	--	--	--	--	--	--

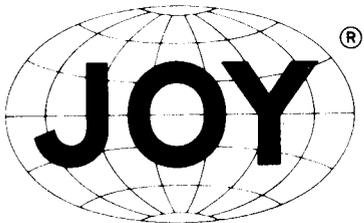
MC-2547
D 2/80

< IDENTICAL TO PRECEDING PART NUMBER



KIT DESCRIPTION	TA-007	TA-010	TA-015	TA-020	TA-025	TA-030	TA-040
	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
AIR FILTER MAINTENANCE INDICATOR	00519520 0002	<	<	<	<	<	<
BELT TENSION TOOL	00543217	<	<	<	<	<	<
AUTOMATIC CONDENSATE TRAP FOR RECEIVER	H0701700 0826	<	<	<	<	<	<
PEDESTAL AND CODE CONVERSION	H0701700 0827	<	<	<	<	<	H0701700 0873
200 VOLT CONTROL CENTER DOOR INTERLOCK	H0701700 0834	<	<	<	<	<	<
230 VOLT CONTROL CENTER DOOR INTERLOCK	H0701700 0835	<	<	<	<	<	<
460 VOLT CONTROL CENTER DOOR INTERLOCK	H0701700 0836	<	<	<	<	<	<
575 VOLT CONTROL CENTER DOOR INTERLOCK	H0701700 0837	<	<	<	<	<	<
SOLENOID WATER CONTROL VALVE	H0701700 0839	<	<	<	<	<	<
WATER COOLED OIL COOLER	H0701700 1011	<	<	H0701700 1012	<	<	H0701700 0862
WATER COOLED AFTERCOOLER	H0701700 1003	<	<	H0701700 1004	<	<	H0701700 0902
WATER COOLED OIL COOLER AND AFTERCOOLER	H0701700 1022	<	<	H0701700 1023	<	<	H0701700 0863
AIR COOLED AFTERCOOLER (TANK MTD. UNITS)	H0701700 1024	<	<	H0701700 1025	<	<	H0701700 0861
AIR COOLED AFTERCOOLER (LESS TANK UNITS)	H0701700 1026	<	<	H0701700 1027	<	<	<
AIR COOLED OIL TEMPERATURE REGULATOR	H0701700 0976	<	<	H0701700 0977	<	<	H0701700 0864
WATER COOLED OIL TEMPERATURE REGULATOR	H0701700 1001	<	<	H0701700 1002	<	<	H0701700 0865
AIR COOLED COOLER GUARD	H0701700 1028	<	<	H0701700 1029	<	<	<
ENCLOSURE ASSEMBLY	H0701700 1009	<	<	H0701700 1010	<	<	<
REFER TO SECTION 5 OF YOUR OPERATOR'S MANUAL FOR A MORE DETAILED DESCRIPTION OF THE ABOVE LISTED OPTIONAL EQUIPMENT. CONTACT YOUR AUTHORIZED JOY DISTRIBUTOR OR REGIONAL WAREHOUSE FOR AVAILABILITY AND PRICES.							

REVISIONS:									
-------------------	--	--	--	--	--	--	--	--	--



COOPER INDUSTRIES - INDUSTRIAL MACHINERY
JOY COMPRESSORS
MICHIGAN CITY, INDIANA 46360