
GARDNER DENVER®

**13-9-511
1st Edition**

PARTS LIST

ELECTRA-SCREW®

STATIONARY

COMPRESSOR

50 HP

MODELS

ESJAE ESJBE

ESJAF ESJBF

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*50 HP MODELS: ESJAE & ESJBE (Fan Cooled With Radiator)
ESJAF & ESJBF (Water Cooled With Heat Exchanger)

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* Models ESJAE & ESJAF have pressure rating of 100 PSI.
Models ESJBE & ESJBF have pressure rating of 125 PSI.

INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify Compressor **SERIAL NUMBER** (see nameplate on unit), **MODEL**, **OPERATING PRESSURE**, **HORSEPOWER** and **METHOD OF COOLING**. Serial Number is also stamped on top of the cylinder flange.

All orders for Parts should be placed with the nearest Sales and Service Office listed on the back cover of this book.

DO NOT ORDER BY SETS OR GROUPS. Where NOT specified, quantity of parts required per compressor or unit is one (1); where more than one is required per unit, quantity is indicated in parenthesis. **SPECIFY EXACTLY THE NUMBER OF PARTS REQUIRED.**

PARTS NOT SHOWN OR LISTED: Special parts such as Solenoid and Safety Valves, Motors, Starters, Transformers, etc. that require ordering according to voltage, pressure or speed, must be referred to the **FACTORY** and **MUST BE ORDERED** by **MODEL** and **SERIAL NUMBER**.

Piping, copper tubing, hardware and electrical connections may be purchased locally. However, **IT IS THE RESPONSIBILITY OF THE CUSTOMER** when making repairs to purchase parts of **EQUAL** or **BETTER** quality as those used in the original construction. Refer to Operating Instructions and Service Manual for Piping Schematics and Electrical Diagrams.

PARTS RETURNED

All claims must be made within five days after receipt of goods. If order has been filled correctly, we cannot allow the return of the goods without our consent and then only on a basis of a charge for service and rehandling plus transportation charges.

Transportation charges must be prepaid. If it is necessary to return a part to the factory for duplication or inspection, do not fail to do the following:

1. Write the nearest Sales and Service Office a letter advising what material you wish to return and why.
2. After receiving permission to return the item or items, obtain from the Sales and Service Office the correct forms filled out by that office for the proper return of material.
3. Place a tag in the package showing your name and address.
4. Tag each article in the box or package stating what and how many are returned.
5. Always give the serial number of the machine from which the parts were removed or the invoice number on which the parts were originally shipped.

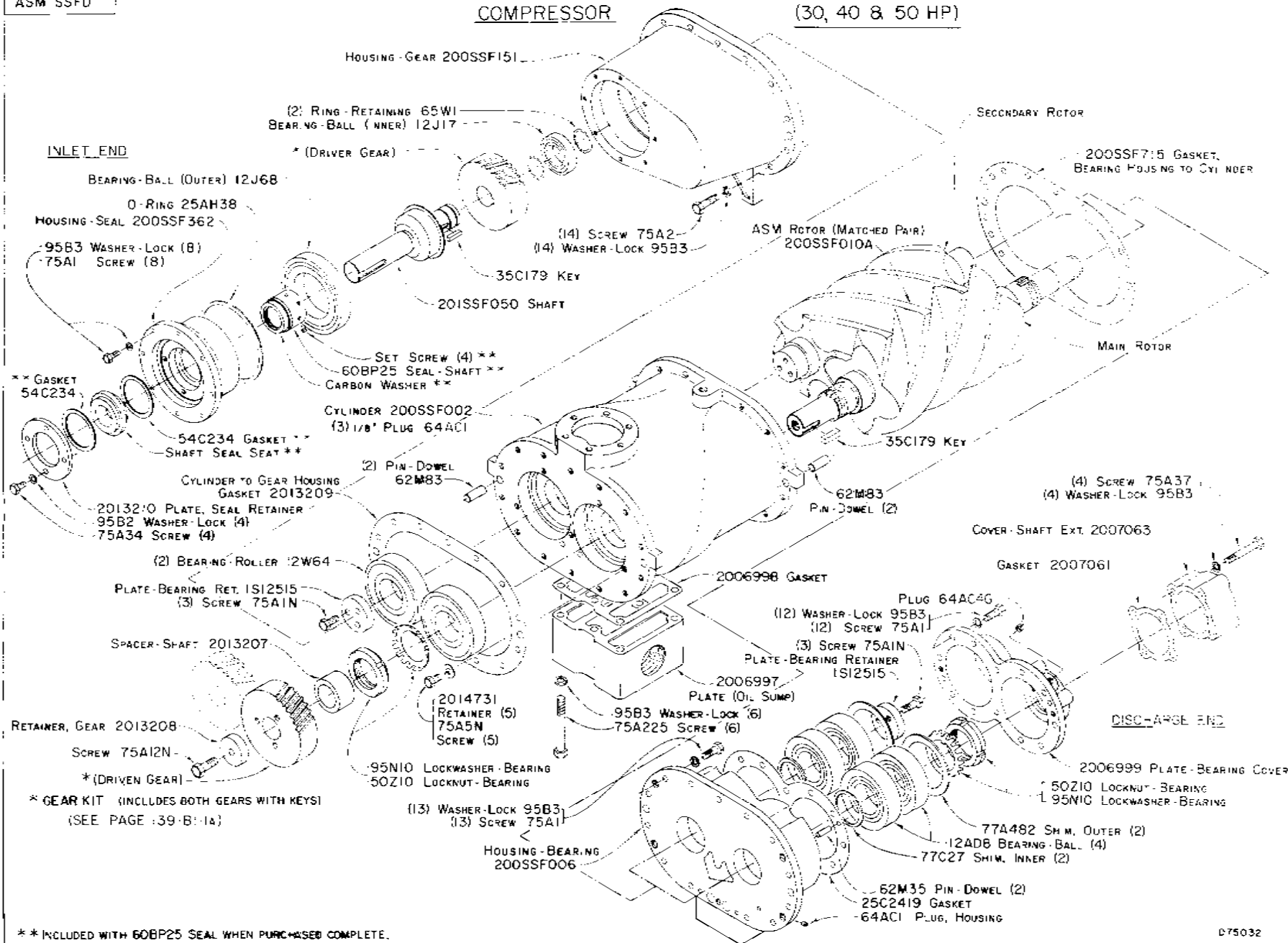
All parts returned for credit should be handled in the same manner as that for duplication or inspection.

ASM SSFD

COMPRESSOR

(30, 40 & 50 HP)

139-B1-1



** INCLUDED WITH 60BP25 SEAL WHEN PURCHASED COMPLETE.

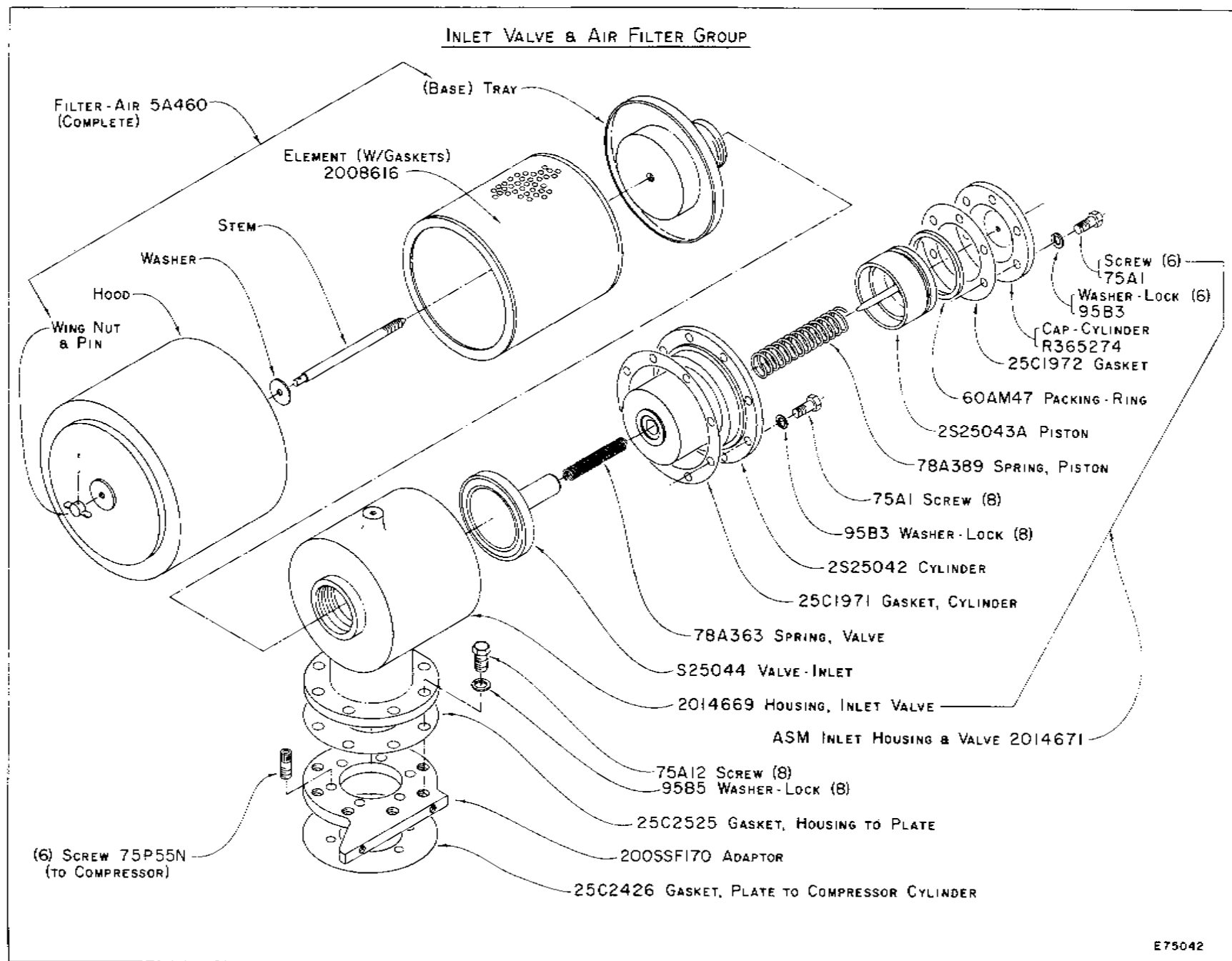
D75032

BARE COMPRESSOR REPAIR KITS

(30, 40 & 50 HP)

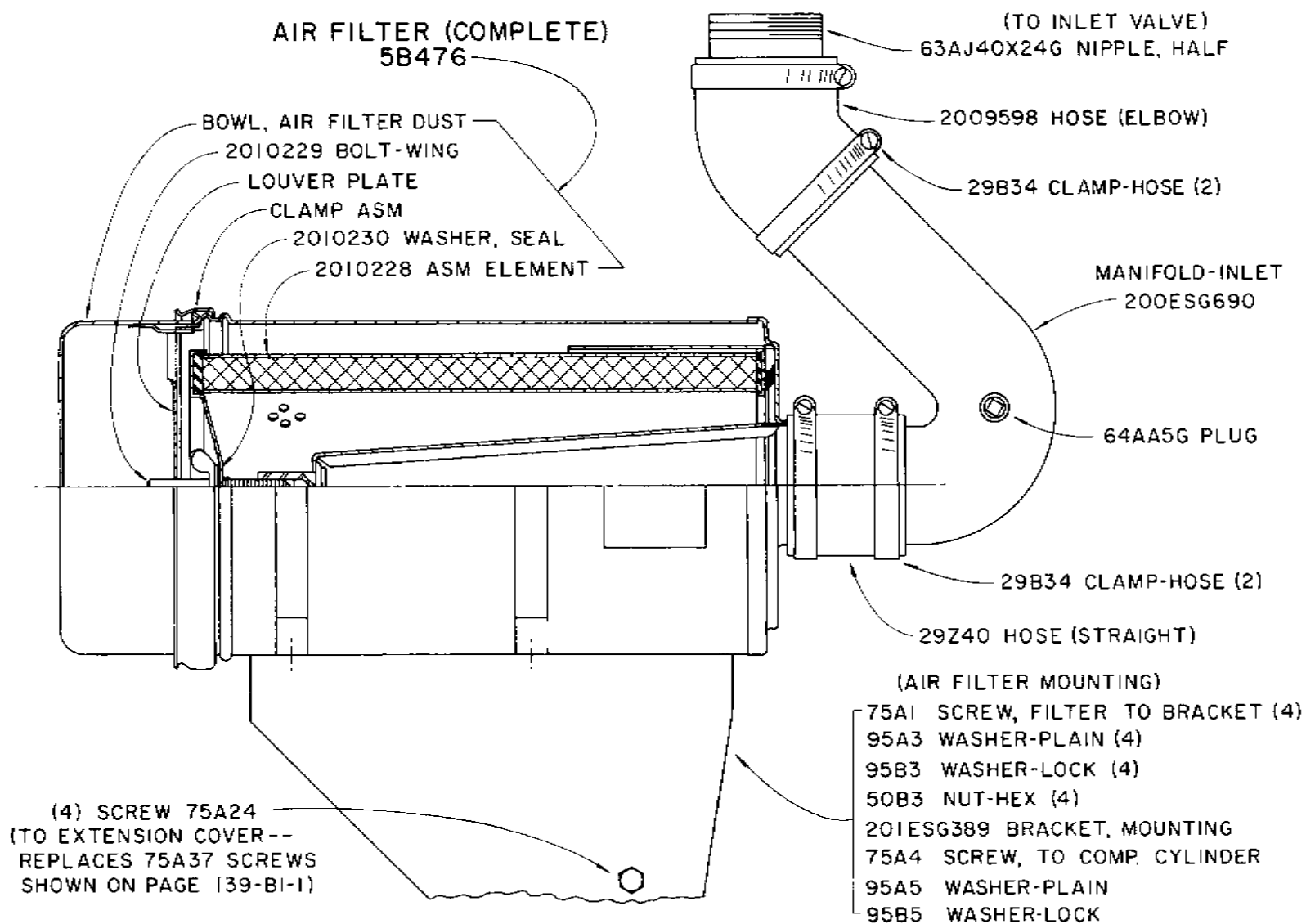
| PSI | HP | MODEL | GEAR KIT | BARE COMPRESSOR FIELD REPLACEMENT (INCLUDES GEARS) | GASKET KIT * |
|-----|----|-------------------------------|----------------------|--|----------------------|
| | | | PART NO. | PART NO. | PART NO. |
| 100 | 30 | ESGAE, ESGAF, ESGAH | SSF65897 SSF65897 | ESG65942 ESG65942 | SSF65888 SSF65888 |
| | 40 | ESHAЕ, ESHAF, ESHAH | SSF65898 SSF65902 | ESH65943 ESJ 65940 | SSF65888 SSF65888 |
| | 50 | ESJAE, ESJAF, ESJAG, ESJAH | SSF65899 SSF65899 | ESJ 65944 ESJ 65944 | SSF65888 SSF65888 |
| 125 | 30 | ESGBE, ESGBF, ESGBH | SSF65900 SSF65900 | ESG65936 ESG65936 | SSF65888 SSF65888 |
| | 40 | ESHBE, ESHBF, ESHBG, ESHBH | SSF65901 SSF65901 | ESH65938 ESH65938 | SSF65888 SSF65888 |
| | 50 | ESJBE, ESJBF, ESJBG, ESJBH | SSF65902 SSF65902 | ESJ 65940 ESJ 65940 | SSF65888 SSF65888 |
| 150 | 30 | ----- | ----- | ----- | ----- |
| | 40 | ESHCE, ESHCF | SSF65897 | ESG65942 | SSF65888 |
| | 50 | ESJCE, ESJCF | SSF65898 | ESJ 65943 | SSF65888 |

* Gasket Kits are for Complete Unit, Less Motor.



E75042

AIR FILTER GROUP--- HEAVY DUTY * (OPTIONAL EQUIPMENT)

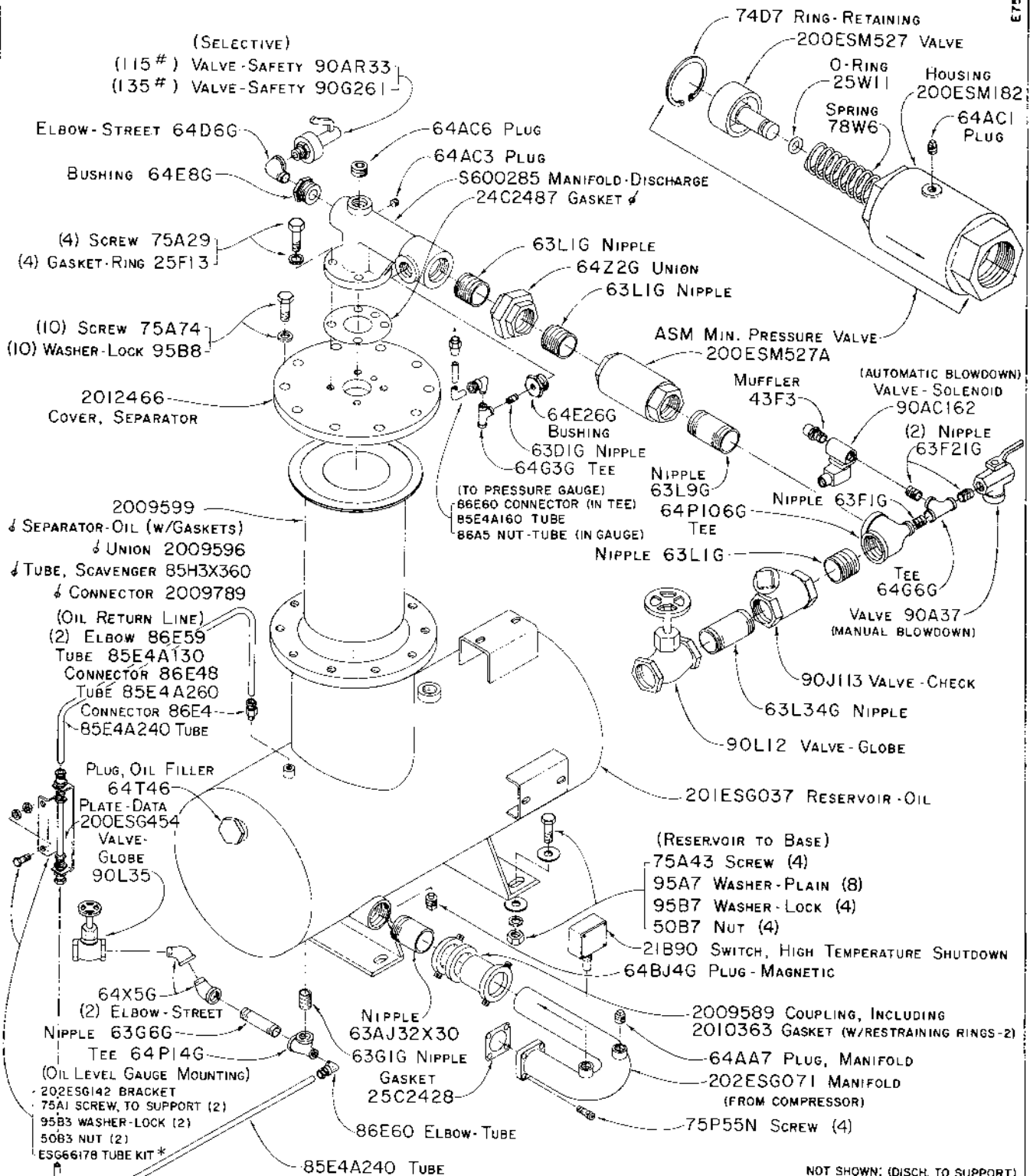


* WHEN HEAVY DUTY AIR FILTER IS SPECIFIED THE ABOVE GROUP
OF PARTS REPLACES AIR FILTER SHOWN ON PAGE 139-BI-2.

C75340

E75044

OIL RESERVOIR GROUP

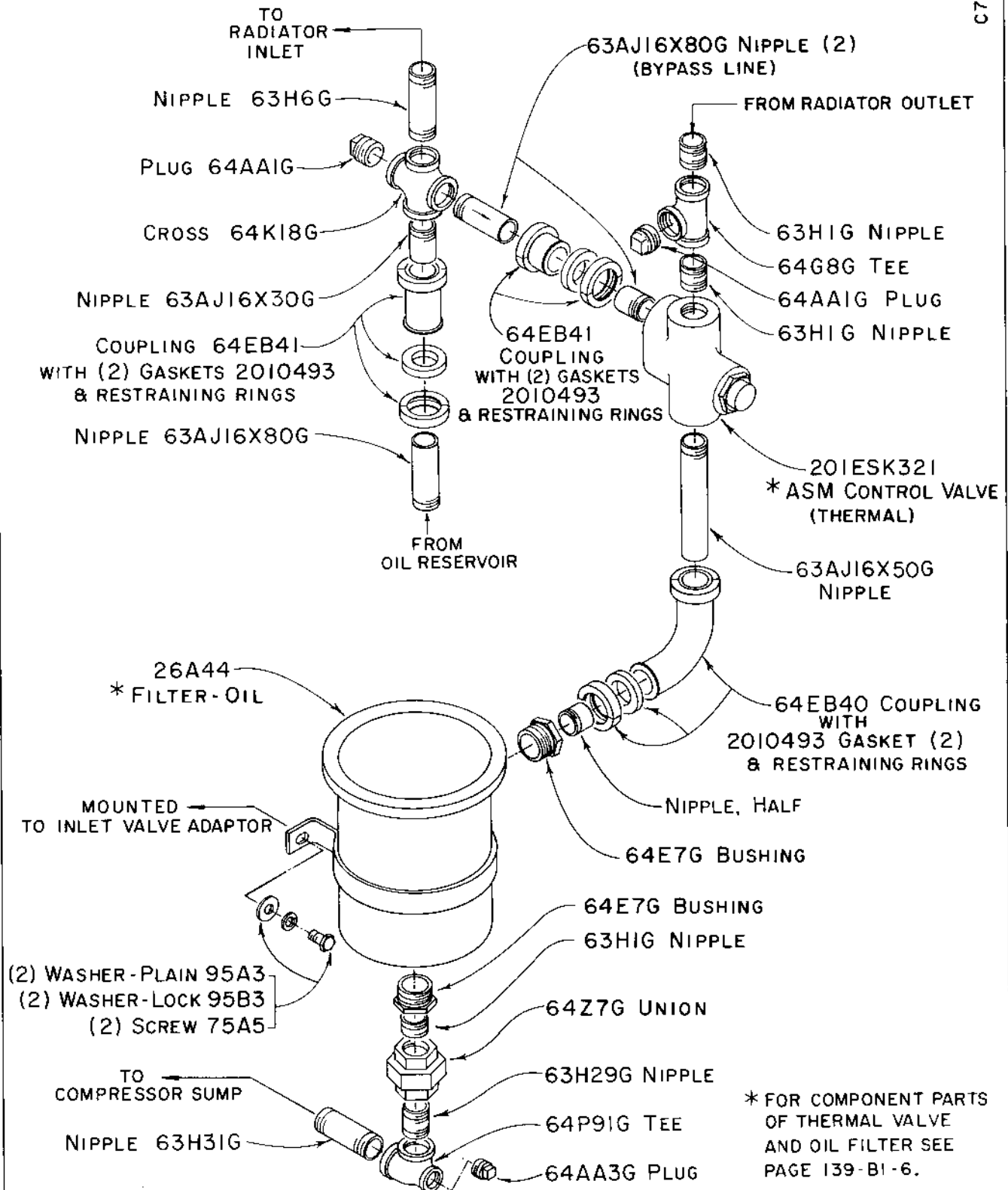


* For replacement of Separator order Kit # 2014828. KIT INCLUDES ITEMS MARKED (*).

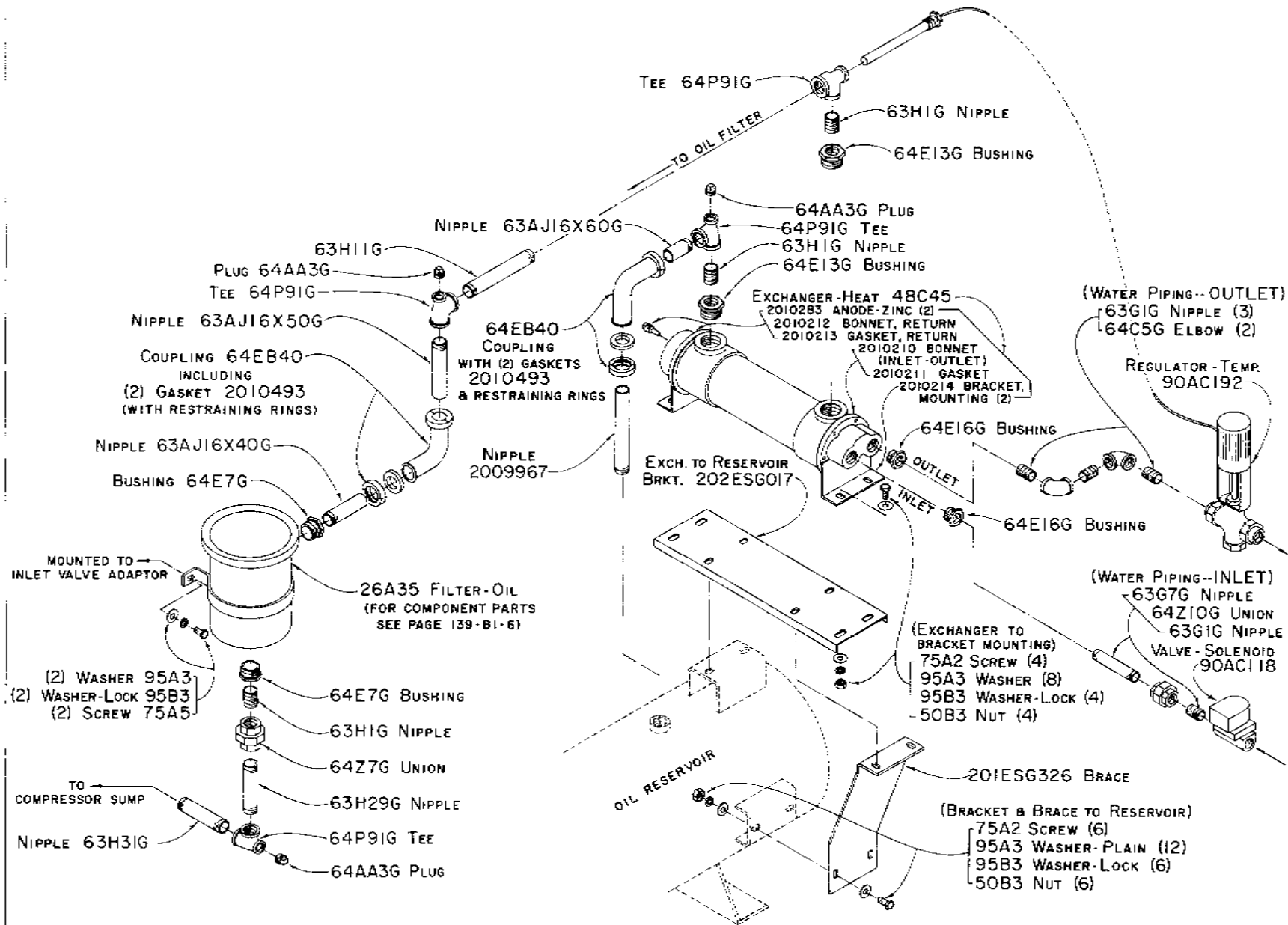
* KIT INCLUDES 12" LONG TUBING AND TWO (2) UNIONS.

NOT SHOWN: (DISCH. TO SUPPORT)
201ESG108 BRACKET
15U18 U-BOLT
75A1 SCREW, 3/8 x 1" (2)
95A3 WASHER-PLAIN (6)
95B3 WASHER-LOCK (4)
50B3 NUT-HEX (4)

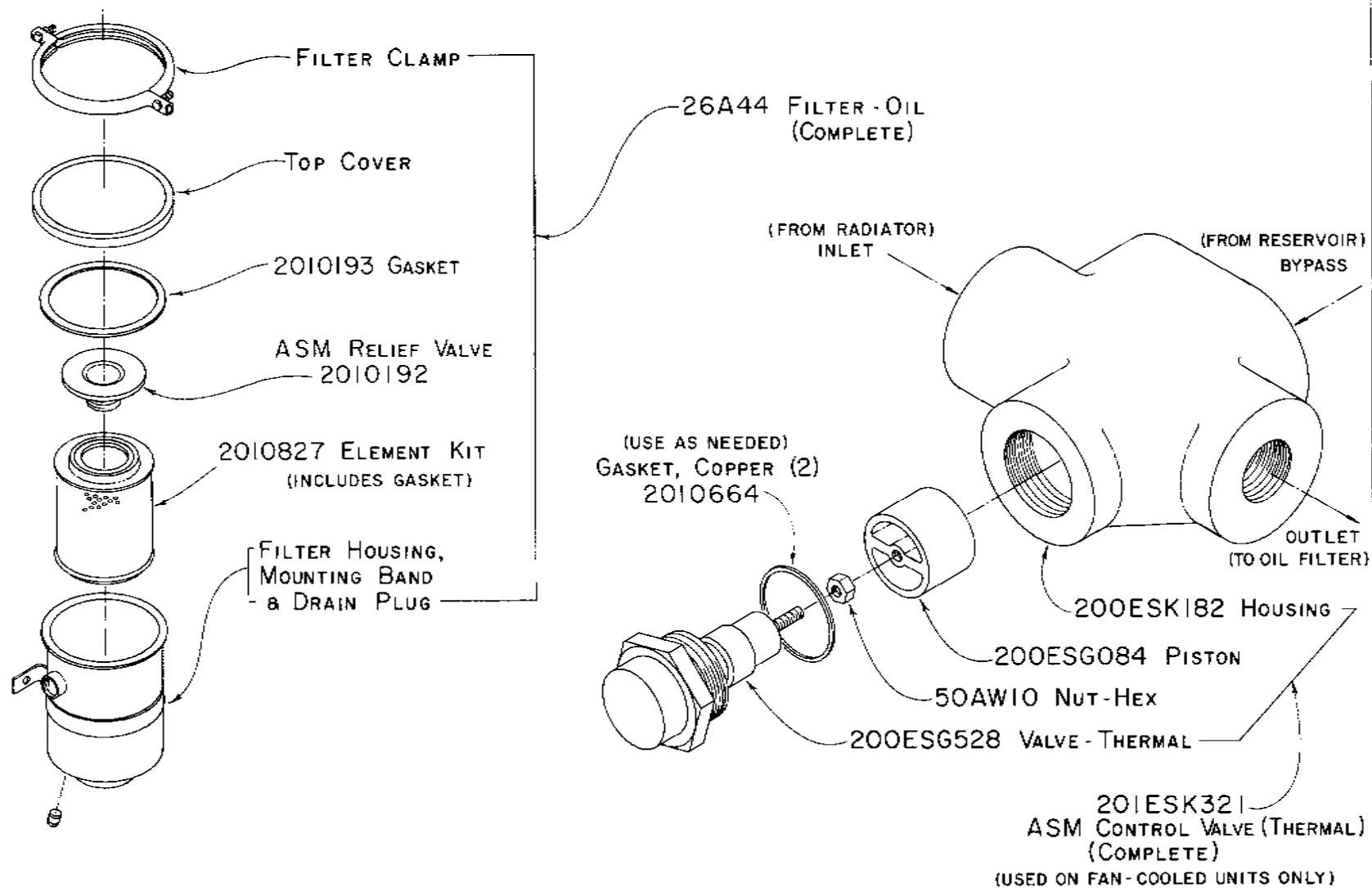
C75038

OIL PIPING GROUP (AIR-COOLED UNITS ONLY)

OIL & WATER PIPING GROUP (WATER-COOLED UNITS)

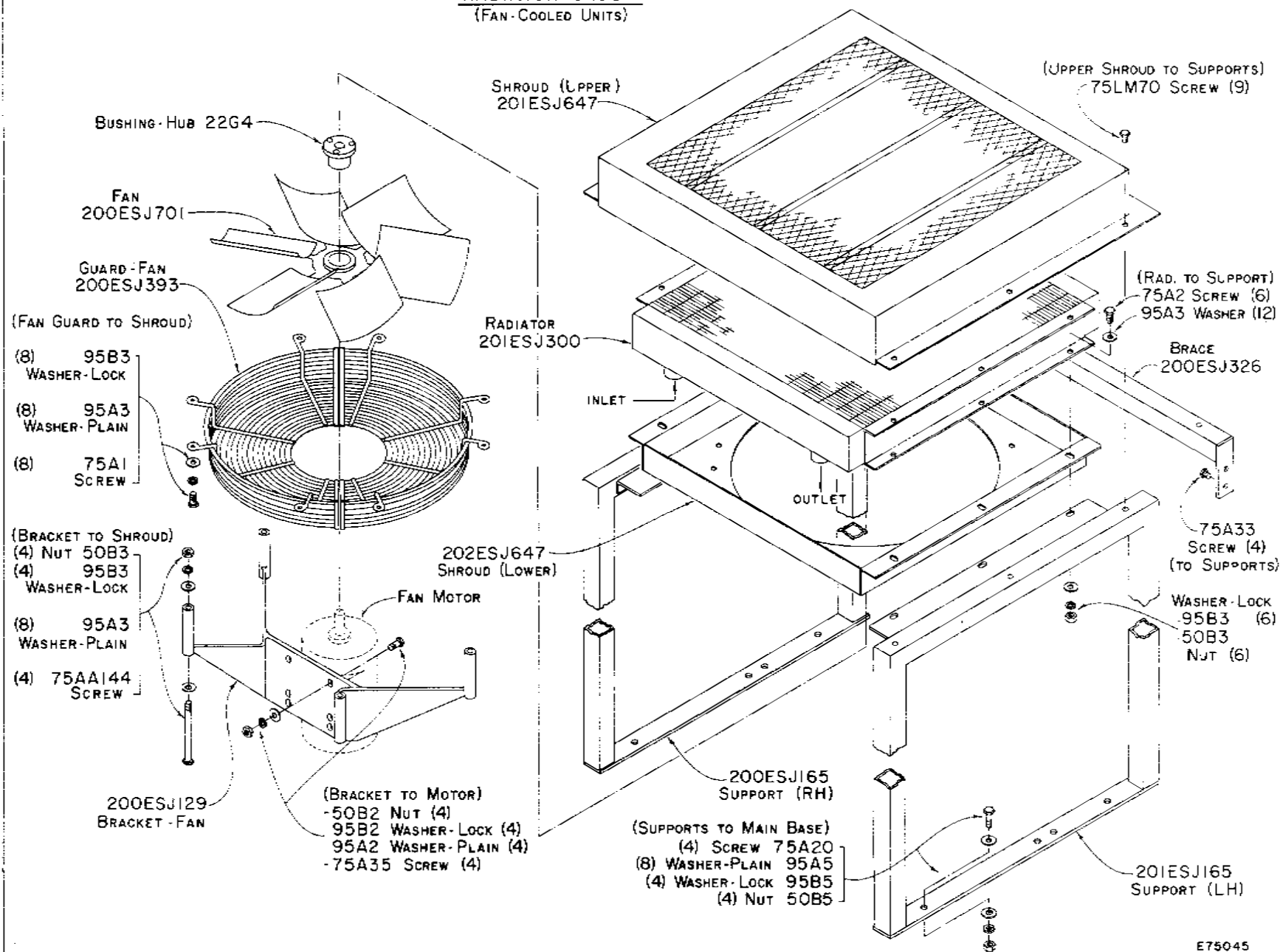


E75041

OIL FILTER & THERMAL VALVE ASSEMBLIES

D75034

RADIATOR GROUP (FAN-COOLED UNITS)



E75045

BASE & ENCLOSURE GROUP

| PART NAME & DESCRIPTION | QUANTITY | 40 & 50 HP |
|---|----------|------------|
| | | PART NO. |
| Base, Main | (1) | 201ESG285 |
| Base (Subbase) | (1) | 200ESJ285 |
| Screw, Motor to Subbase (5/8 x 2-1/4) | (4) | 75A47 |
| Washer-Lock (5/8) | (4) | 95B7 |
| Washer-Plain (5/8) | (4) | 95A7 |
| Nut-Hex (5/8) | (4) | 50B7 |
| Mounting-Vibration | (4) | 49C17 |
| Screw, Mounting to Base (5/8 x 4-1/2) | (4) | 75A168 |
| Washer-Plain (5/8) | (20) | 95A7 |
| Locknut (5/8) | (4) | 50AP10 |
| Screw, Compressor to Subbase (1/2 x 1) | (4) | 75A4 |
| Washer-Lock (1/2) | (4) | 95B5 |
| Shim, Motor to Subbase (.003) | (2) | 77E11 |
| Shim, Motor to Subbase (.008) | (3) | 77E12 |
| Shim, Motor to Subbase (.031) | (1) | 77E13 |
| Shim, Motor to Subbase (.062) | (1) | 77E14 |
| Support, Instrument Panel | (1) | 200ESG146 |
| Screw, Support to Main Base (3/8 x 1-1/4) | (4) | 75A2 |
| Washer-Plain (3/8) | (8) | 95A3 |
| Washer-Lock (3/8) | (4) | 95B3 |
| Nut-Hex (3/8) | (4) | 50B3 |
| Screw, Instrument Panel to Support (10-32 x 1/2) | (10) | 75LM39 |
| Enclosure Group (Fan-Cooled Units) * | (1) | ESG66084 |
| Enclosure Group w/Vent Fan & Motor (Water-Cooled Units) * | (1) | ESG65972 |

* For repairs on the Enclosure Group consult your nearest Gardner-Denver Sales and Service Office.

NOTE: Hardware, Tubing and Piping parts may be purchased locally. However, **IT IS THE RESPONSIBILITY OF THE CUSTOMER** when making repairs to purchase parts of **EQUAL** or **BETTER** quality as those used in the original construction.

COUPLING & MISCELLANEOUS

| PART NAME & DESCRIPTION | QUANTITY | 50 HP |
|--|----------|-----------|
| COUPLING GROUP | | PART NO. |
| Coupling (With Set Screws), Incl. Next Item | (1) | 51K11 |
| Spider | (1) | 2010218 |
| Key (To Compressor) | (1) | 35B35 |
| Guard, Coupling | (1) | 201ESG339 |
| Screw, Guard to Subbase (3/8 x 1-1/4) | (4) | 75A2 |
| Washer-Plain (3/8) | (4) | 95A3 |
| Washer-Lock (3/8) | (4) | 95B3 |
| Nut-Hex (3/8) | (4) | 50B3 |
| ADDITIONAL REPAIR ITEMS | | |
| Bare Compressor (Field Replacement): 100 PSI | (1) | ESJ65944 |
| 125 PSI | (1) | ESJ65940 |
| Gasket Kit (Complete Unit, Less Motor) | (1) | SSF65888 |
| SELECTIVE ITEMS | | |
| Motor, Compressor (200 V - 60 Hz) | (1) | 24BB27 |
| Motor, Compressor (230/460 V - 60 Hz) | (1) | 24BB28 |
| Motor, Compressor (575 V - 60 Hz) | (1) | 24BB30 |
| Starter, Compressor Motor (200 V) | (1) | 24CA60 |
| Starter, Compressor Motor (230 V) | (1) | 2009861 |
| Starter, Compressor Motor (460/575 V) | (1) | 2009860 |
| Heater-Overload, Compressor Starter (200 V) | (3) | 24CA111 |
| Heater-Overload, Compressor Starter (230 V) | (3) | 2009864 |
| Heater-Overload, Compressor Starter (460 V) | (3) | 24CA105 |
| Heater-Overload, Compressor Starter (575 V) | (3) | 2009865 |
| Motor, Fan (200 V) * | (1) | 24CA183 |
| Motor, Fan (230/460 V) * | (1) | 24CA184 |
| Motor, Fan (575 V) * | (1) | 24CA185 |
| Heater-Overload, Fan Starter (200 V) * | (3) | 24CA177 |
| Heater-Overload, Fan Starter (230 V) * | (3) | 24CA292 |
| Heater-Overload, Fan Starter (460 V) * | (3) | 24CA253 |
| Heater-Overload, Fan Starter (575 V) * | (3) | 24CA374 |
| OPTIONAL EQUIPMENT | | |
| Air Filter Group (Heavy Duty) | (1) | ESG66111 |
| Instrument Panel Group (Pressure Drop) | (1) | ESG66112 |

* Fan Motors and Overload Heaters are one (1) HP. Items marked (*) are used only on fan-cooled units.

STARTER & SUPPORT GROUP

| PART NAME & DESCRIPTION | QUANTITY | 50 HP | |
|--|----------|-----------------|-----------------|
| | | FAN COOLED | WATER COOLED |
| STARTER ENCLOSURE GROUP | | PART NO. | PART NO. |
| Block, Terminal | (12) | 24A253 | 24A253 |
| Block, Terminal (End) | (1) | 24A252 | 24A252 |
| Jumper, Terminal | (4) | 24A516 | 24A516 |
| Screw-Machine (8-32 x 3/8) | (2) | 75G22 | 75G22 |
| Washer-Lock (No. 8) | (2) | 95H41 | 95H41 |
| Holder-Fuse (3 Hole Pull Out - Class J) | (1) | 24A521 | None |
| Fuse (JHC15) | (3) | 24CA164 | None |
| Screw-Machine (1/4-20 x 1/2) | (2) | 75G15 | None |
| Washer-Lock (1/4) | (2) | 95H56 | None |
| Lug-Terminal (12-10 W x No. 10 BH) | (6) | 24A295 | None |
| Starter, Fan (GE 206, Size 00, 200/230/460/575 V) | (1) | 24CA161 | None |
| Screw-Machine (10-24 x 3/8) | (3) | 75G8 | None |
| Washer-Lock (No. 10) | (3) | 95B13 | None |
| Screw-Machine, Comp. Starter Mounting * (1/4-20 x 1/2) | (3) | 75G15 | 75G15 |
| Washer-Lock (1/4) | (3) | 95H1 | 95H1 |
| Wire, Fan Starter (No. 12 Black - 4 Ft.) | (1) | ----- | None |
| Wire, Control (No. 14 Red - 5 Ft.) | (1) | ----- | ----- |
| Button-Resct, Overload | (2) | 24CA104 | 24CA104 |
| Seal-Plug, Cover | (1) | 24A509 | 24A509 |
| Tie-Cable | See () | 24A461 (6) | 24A461 (4) |
| WIRING - STARTER TO MOTOR * | | | |
| Fitting, Conduit (90°) | (2) | 2009335 | 2009339 |
| Conduit (1-1/2 Ft. - Liqueatite) | (1) | (1-1/2") | (2") |
| Wire (6 Ft.) | (1) | (No. 2/0 Thw) | (No. 3/0 Thw) |
| Lug-Terminal (1/4 BH) | (3) | 24CA203 | 24CA204 |
| Screw-Hex Cap (Brass) | (6) | 75LM44 | 75LM44 |
| Washer-Lock (1/4 Brass) | (6) | 95H16 | 95H16 |
| Nut-Hex (1/4-20 Brass) | (6) | 50X16 | 50X16 |
| SUPPORT GROUP | | | |
| Support, Starter Enclosure | (1) | 201ESG146 | 201ESG146 |
| Screw-Hex Cap, Support to Main Base (3/8 x 1-1/2) | (4) | 75A7 | 75A7 |
| Washer-Plain (3/8) | (4) | 95A3 | 95A3 |
| Washer-Lock (3/8) | (4) | 95B3 | 95B3 |
| Nut-Hex (3/8) | (4) | 50B3 | 50B3 |
| Box-Control | (1) | 200ESM179 | 200ESM179 |
| Screw, Enclosure to Support (1/4 x 1) | (4) | 75A26 | 75A26 |
| Washer-Plain (1/4) | (4) | 95A1 | 95A1 |
| Washer-Lock (1/4) | (4) | 95B1 | 95B1 |
| Nut-Hex (1/4) | (4) | 50B1 | 50B1 |

* For Motors and Compressor Starters see Selective Items on page 139-B3-9.

NOTE: Refer footnote on pages B-8 and B-11.

CONTROL GROUPS (30 THRU 100 HP)

| CONTROL GROUPS..... | CONSTANT SPEED | | AUTOMATIC START/STOP | | DUAL | | TIMED DUOMATIC | |
|--|---------------------------|-----------|----------------------|-------------------------------|--------------------|-----------|--------------------|-----------|
| PART NO. & DESCRIPTION | NEMA 1 | NEMA 4 | NEMA 1 | NEMA 4 | NEMA 1 | NEMA 4 | NEMA 1 | NEMA 4 |
| SELECTIVE * | | | | | | | | |
| Bracket, Mounting | 201ESG108 | 202ESG108 | 201ESG108 | 202ESG108 | 201ESG108 | 202ESG108 | 201ESG108 | 202ESG108 |
| Panel, Gauge | 200ESG386 | 200ESG386 | 200ESG386 | 200ESG386 | 201ESG386 | 201ESG386 | 202ESG386 | 202ESG386 |
| Panel, Instrument | 206ESG386 | ----- | 206ESG386 | ----- | 206ESG386 | ----- | 207ESG386 | ----- |
| Box-Control | 200ESG179 | 201ESG179 | 200ESG179 | 201ESG179 | 200ESG179 | 201ESG179 | 200ESG179 | 202ESG179 |
| Switch, Control | 24CA46 | 24CA46 | 24CA47 | 24CA47 | 24CA48 | 24CA48 | 24CA49 | 24CA49 |
| Gasket, Cover | 2009592 | ----- | 2009592 | ----- | 2009592 | ----- | 2009592 | ----- |
| Hourmeter (60 Hz) | 2009369 | 2009369 | 2009369 | 2009369 | 2009369 | 2009369 | 2009369 | 2009369 |
| Hourmeter (50 Hz) | 2009370 | 2009370 | 2009370 | 2009370 | 2009370 | 2009370 | 2009370 | 2009370 |
| Gasket, Hourmeter | ----- | 201ESK715 | ----- | 201ESK715 | ----- | 201ESK715 | ----- | 201ESK715 |
| Boot, Transparent (Push Button or Pilot Light) | ----- | 24CA281 | ----- | 24CA281 | ----- | 24CA281 | ----- | 24CA281 |
| Valve-Solenoid (Unloader) | ----- | ----- | ----- | ----- | ----- | ----- | 90AC183 | 2009442 |
| Valve-Check (In Comp. Sump) | ----- | ----- | ----- | ----- | ----- | ----- | 2009283 | 2009283 |
| Valve-Control (In Comp. Sump) | ----- | ----- | ----- | ----- | ----- | ----- | 2007300 | 2007300 |
| Relay (Adjustable Timer) | ----- | ----- | ----- | ----- | ----- | ----- | 24A482 | 24A482 |
| Box-Control, Timer | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 200ESK179 |
| Gasket, Control Box | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 202ESK715 |
| Cover, Plexiglass | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 202ESK225 |
| Gasket, Cover | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 203ESK715 |
| OPTIONAL ϕ | LOW OIL PRESSURE SHUTDOWN | | | WEATHER-TIGHT (NEMA 4, 5, 12) | | | | |
| | NEMA 1 | | NEMA 4 | | LEAD-LAG (2 COMP.) | | LEAD-LAG (3 COMP.) | |
| | 88A302 (Oil) | | 88A303 (Oil) | | 2009006 (Air) | | 2009006 (Air) | |
| Switch, Pressure | 24CA217 | | 24CA217 | | ----- | | ----- | |
| Block-Contact ** | 24CA542 | | 24CA542 | | ----- | | ----- | |
| Button, Reset ** | 24CA541 | | 24CA541 | | ----- | | ----- | |
| Relay, Reset | 24CA285 | | 24CA285 | | ----- | | ----- | |
| Relay (Adjustable Timer) | 203ESG179 | | 203ESG179 | | 204ESG179 | | 205ESG179 | |
| Box, Control | ----- | | ----- | | 24CA448 | | ----- | |
| Switch (3 Pole - 2 Throw) | ----- | | ----- | | ----- | | 24CA449 | |
| Switch (6 Pole - 3 Throw) | ----- | | ----- | | ----- | | ----- | |

* NEMA 1 Illustrations for Panels and Tubing (with mounting parts) are shown on Pages 12 thru 15a. For accuracy in servicing units equipped with other than NEMA 1 Controls, refer Order Ticket or consult Quincy Sales and Service Office.

** Contact Block and Reset Button shown above are used with Duomatic Control only. Contact Block 24CA543 is used with other controls.

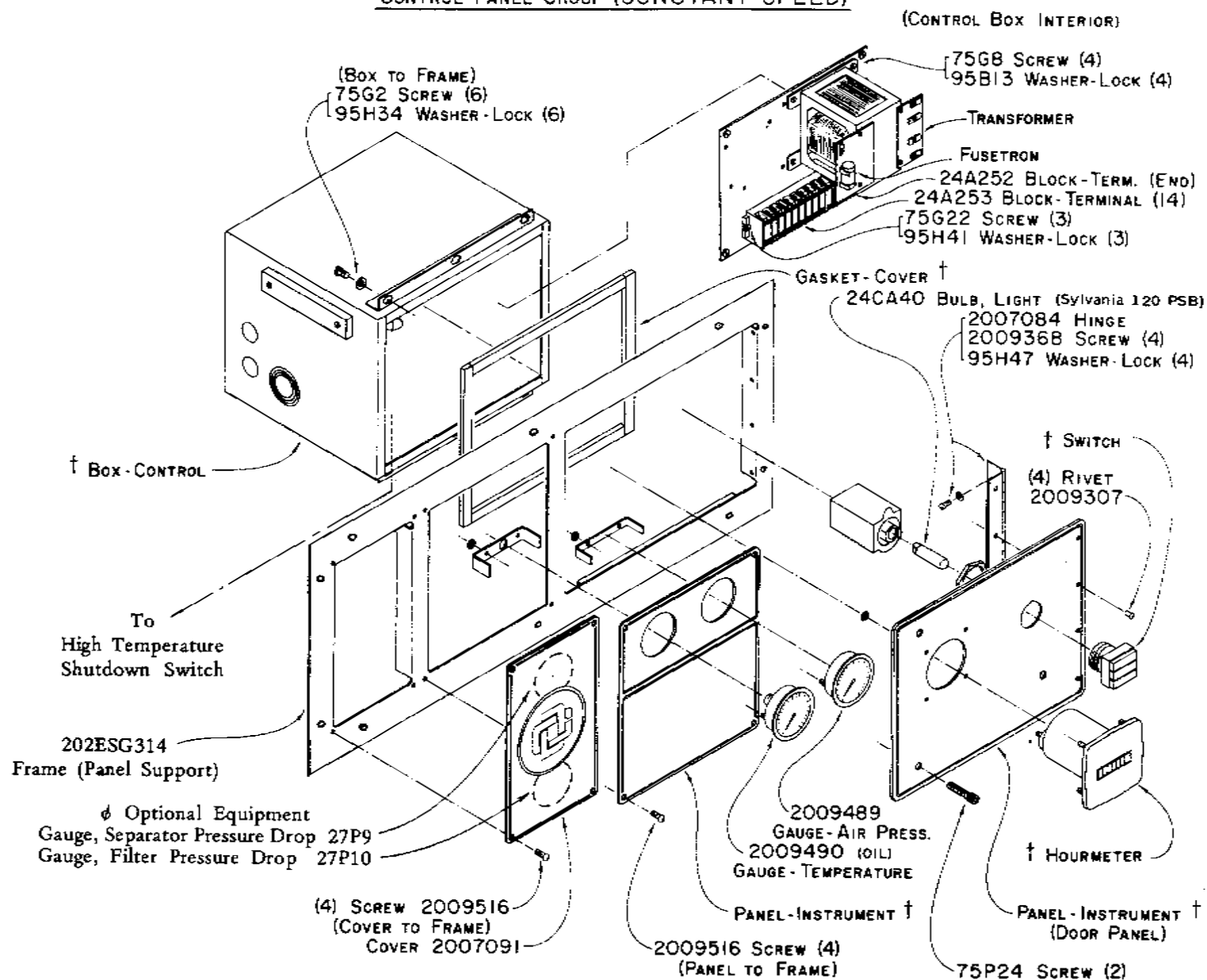
ϕ Additional Equipment - items shown are used in conjunction with Specified Control Group.

ELECTRICAL CONTROL ITEMS (MISCELLANEOUS) *

| PART NAME & DESCRIPTION | QUANTITY | 30, 40, 50 HP |
|---|----------|---------------|
| HIGH DISCHARGE TEMPERATURE SWITCH TO CONTROL BOX | | PART NO. |
| Connector, Squeeze (Insulated) | (2) | 24CA196 |
| Fitting, Conduit (1/2" Straight) | (1) | 24A378 |
| Conduit (1/2 x 44) | (1) | ----- |
| Fitting, Conduit (1/2 x 90°) | (1) | 24A380 |
| Wire (No. 14 Red - 8 Ft.) | (1) | ----- |
| Clamp, Heavy (1/2") | (2) | 98H3 |
| STARTER TO CONTROL BOX | | |
| Fitting, Conduit (3/4 x 90°) | (1) | 24A386 |
| Conduit (3/4 x 124) | (1) | ----- |
| Fitting, Conduit (3/4 x 90°) | (1) | 24A384 |
| Wire (No. 14 Red - 65 Ft.) | (1) | ----- |
| Wire (No. 12 Black - 26 Ft.) | (1) | ----- |
| Clamp, Heavy (3/4") | (2) | 98H4 |
| BLOWDOWN VALVE TO CONTROL BOX | | |
| Nipple, Conduit (1/2 x 1-1/8) | (1) | 24A503 |
| Fitting, Conduit (1/2" C Type) | (1) | 24A424 |
| Gasket, Unilet (1/2) | (1) | 24A342 |
| Cover, Unilet (1/2) | (1) | 24A343 |
| Connector, Squeeze (Insulated) | (2) | 24CA196 |
| Fitting, Conduit (1/2" Straight) | (1) | 24A378 |
| Conduit (1/2 x 12) | (1) | ----- |
| Fitting, Conduit (1/2" Straight) | (1) | 24A378 |
| Wire (No. 14 Red - 3 Ft.) | (1) | ----- |
| CONTROL BOX CONNECTIONS | | |
| Connector-Female, Spade (14-16 Wire) | (3) | 24CA45 |
| Lug-Terminal (No. 10 Fork) | (4) | 24A477 |
| Lug-Terminal (No. 6 Fork, 10-12 Wire) | (1) | 24A517 |
| Lug-Terminal (No. 6 Fork, 14-16 Wire) | (8) | 24A478 |
| Lug-Terminal (No. 8 Fork) | (4) | 24A476 |
| Wire (No. 14 Green - 12") | (1) | ----- |
| Wire (No. 14 Red - 7 Ft.) | (1) | ----- |
| Tie-Cable | (12) | 24A461 |
| STARTER TO FAN MOTOR (FAN-COOLED UNITS) | | |
| Fitting, Conduit (1/2 x 90°) | (1) | 24A380 |
| Conduit (1/2 x 36) | (1) | ----- |
| Fitting, Conduit (1/2 x 90°) | (1) | 24A380 |
| Wire (No. 12 Black - 12 Ft.) | (1) | ----- |
| Lug, Terminal (No. 6 Fork, 14-16 Wire) | (9) | 24A478 |
| Lug, Terminal (No. 6 Fork, 10-12 Wire) | (3) | 24A517 |
| Screw-Machine (6-32 x 3/8) | (6) | 75G49 |
| Washer-Lock (No. 6) | (6) | 2009550 |
| Nut-Hex Machine (No. 6-32) | (6) | 50K6 |
| WATER VALVE TO CONTROL BOX (WATER-COOLED UNITS) | | |
| Nipple, Conduit (1/2 x 1-1/8) | (1) | 24A503 |
| Fitting, Conduit (1/2" C Type) | (1) | 24A424 |
| Gasket, Unilet (1/2) | (1) | 24A342 |
| Cover, Unilet (1/2) | (1) | 24A343 |
| Connector, Squeeze (Insulated) | (2) | 24CA196 |
| Fitting, Conduit (1/2" Straight) | (1) | 24A378 |
| Conduit (1/2 x 24) | (1) | ----- |
| Fitting, Conduit (1/2" Straight) | (1) | 24A378 |
| Wire (No. 14 Red - 5 Ft.) | (1) | ----- |

* For Selective Controls see pages 139-B1-12, 13, 14 or 15.

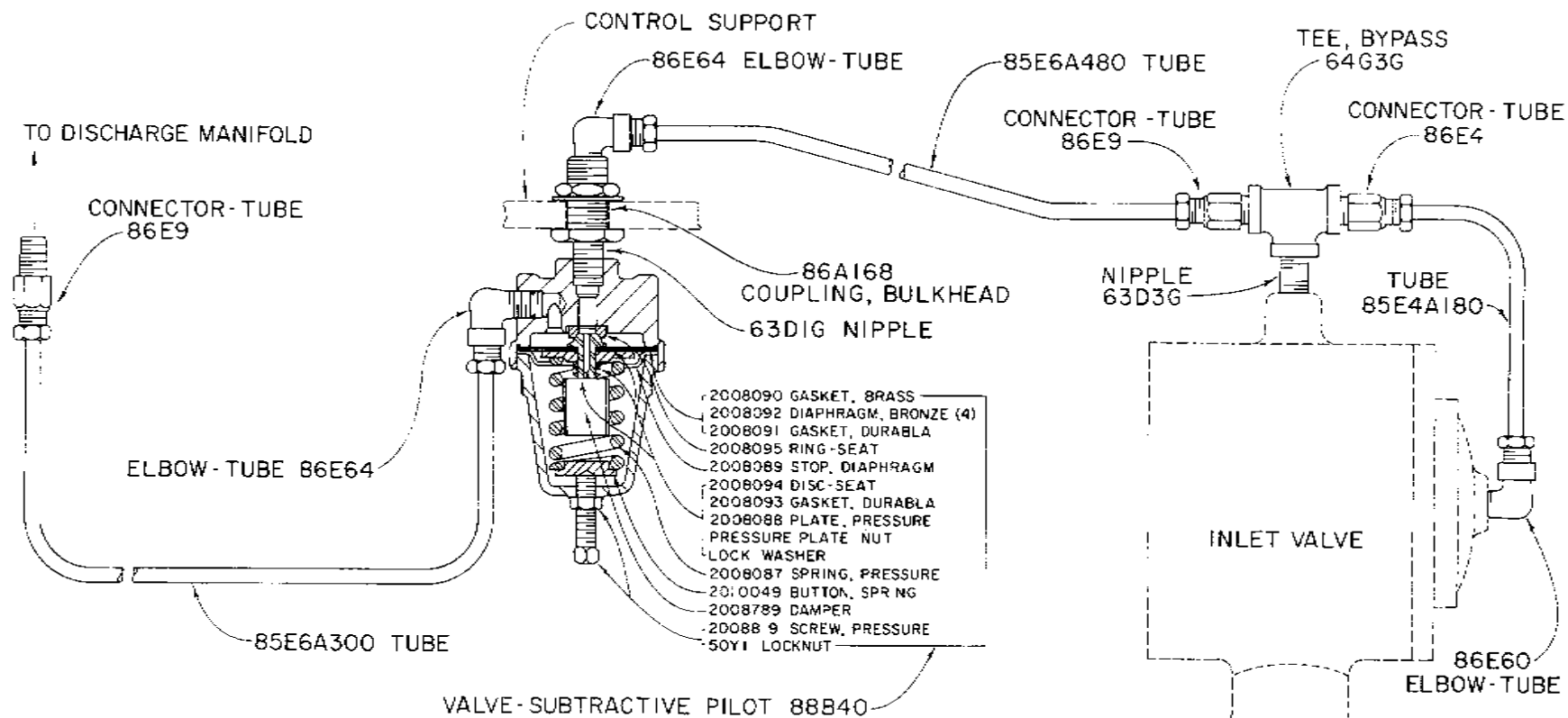
NOTE: Electrical Connections may be purchased locally. However, IT IS THE RESPONSIBILITY OF THE CUSTOMER when making repairs to purchase parts of EQUAL or BETTER quality as those used in the original construction.

CONTROL PANEL GROUP (CONSTANT SPEED) *

* For Constant Speed Control Tubing see Page 139-B1-12a.

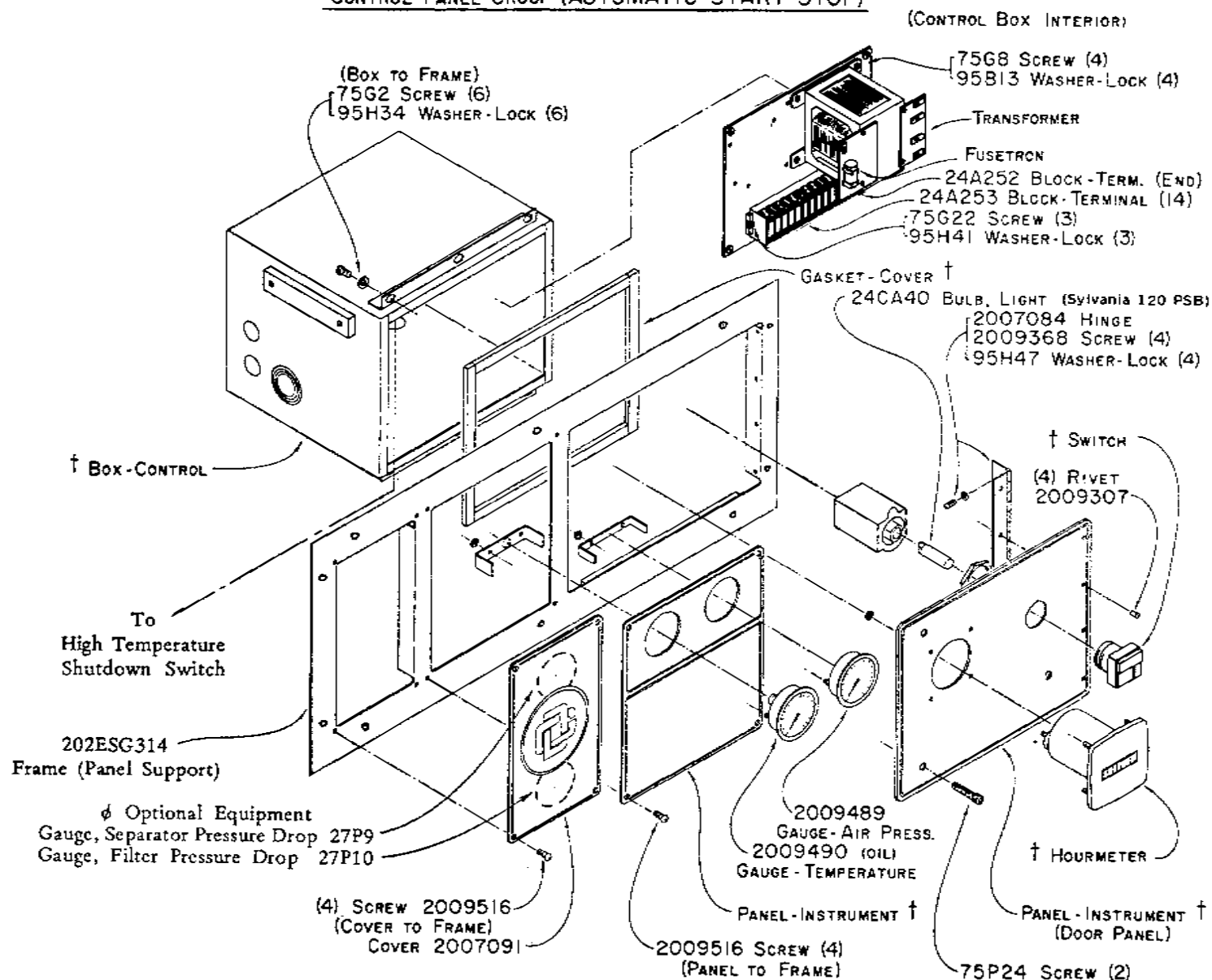
† Order Repair Parts from Page 139-C1-10 — Items are Selective.

⊕ Furnished only when unit is equipped with Pressure Drop Panel Group.

CONTROL TUBING (CONSTANT SPEED)

D75097

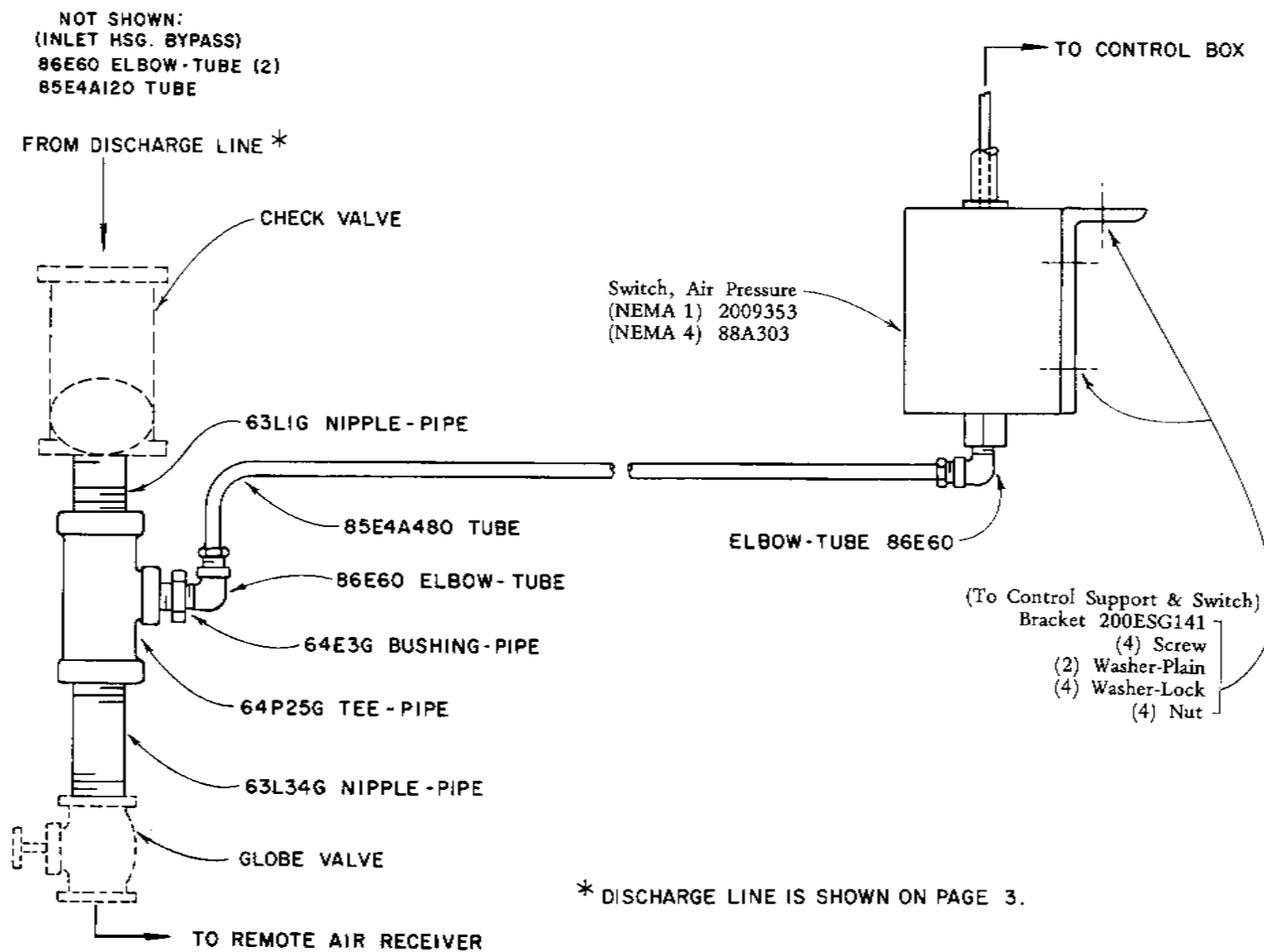
CONTROL PANEL GROUP (AUTOMATIC START-STOP) *



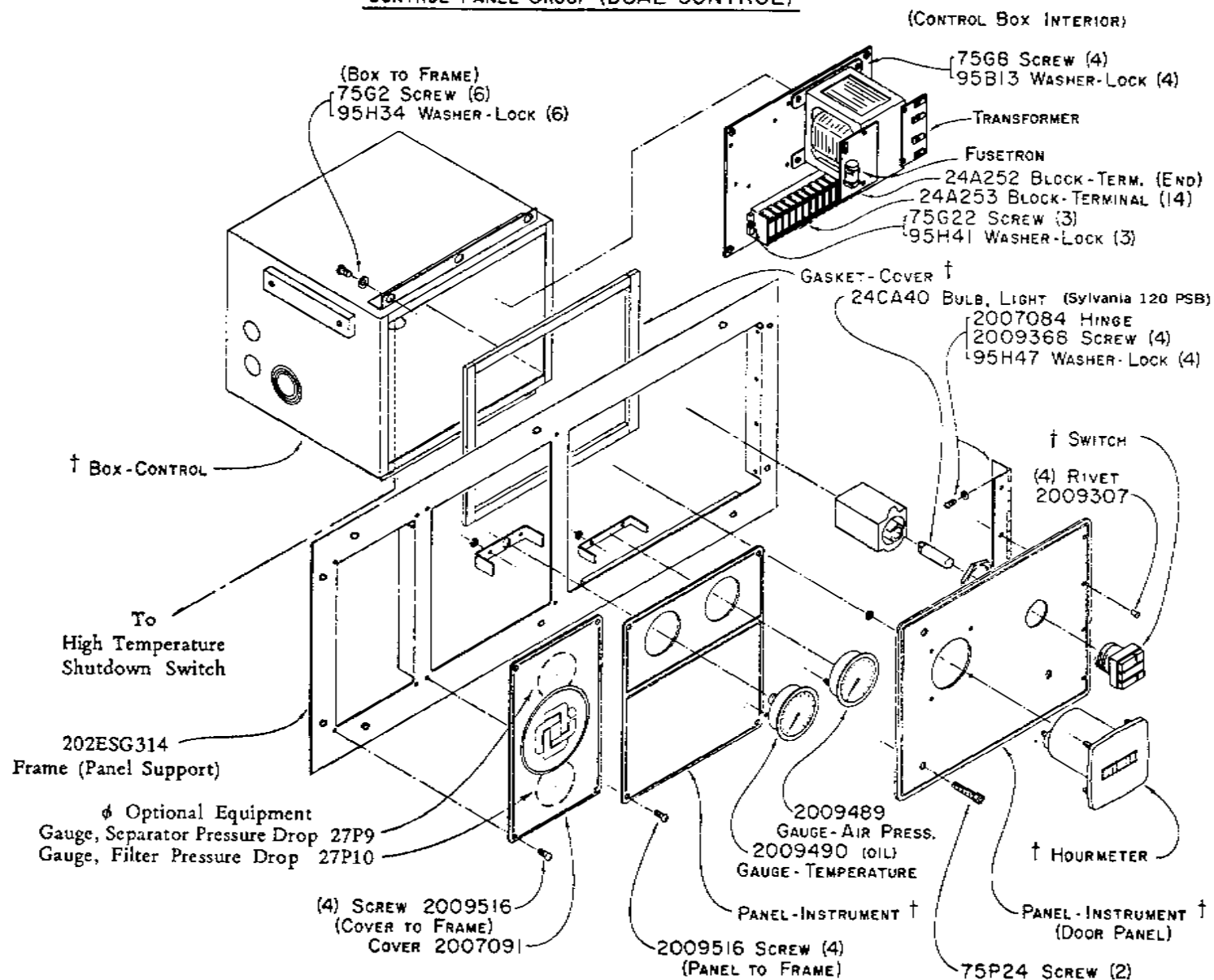
* For Automatic Start/Stop Control Tubing see Page 139-B1-13a.

† Order Repair Parts from Page 139-C1-10 — Items are Selective.

φ Furnished only when unit is equipped with Pressure Drop Panel Group.

CONTROL TUBING (AUTOMATIC START-STOP)

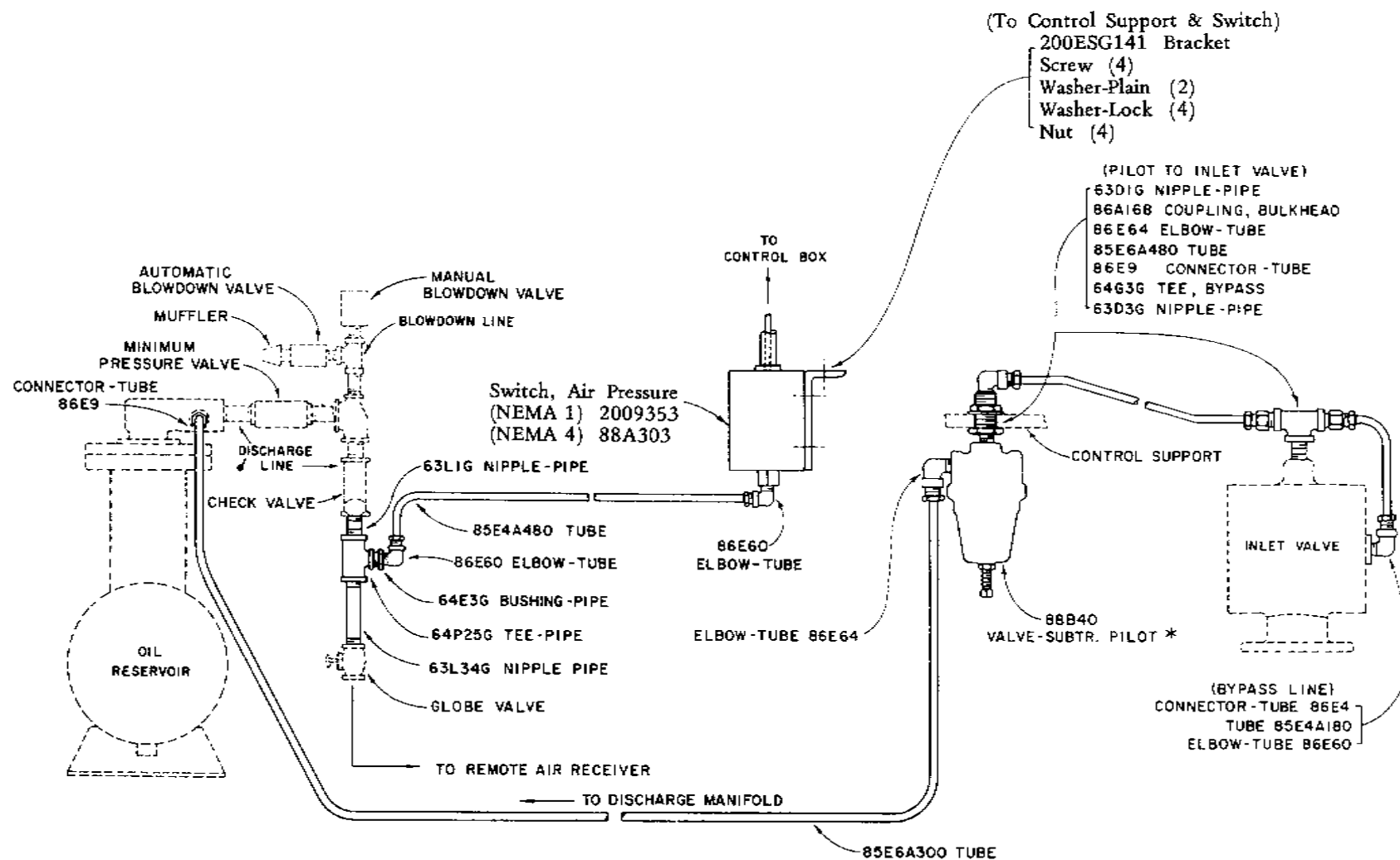
139-B1-13A

CONTROL PANEL GROUP (DUAL CONTROL) *

* For Dual Control Tubing see Page 139-B1-14a.

† Order Repair Parts from Page 139-C1-10 — Items are Selective.

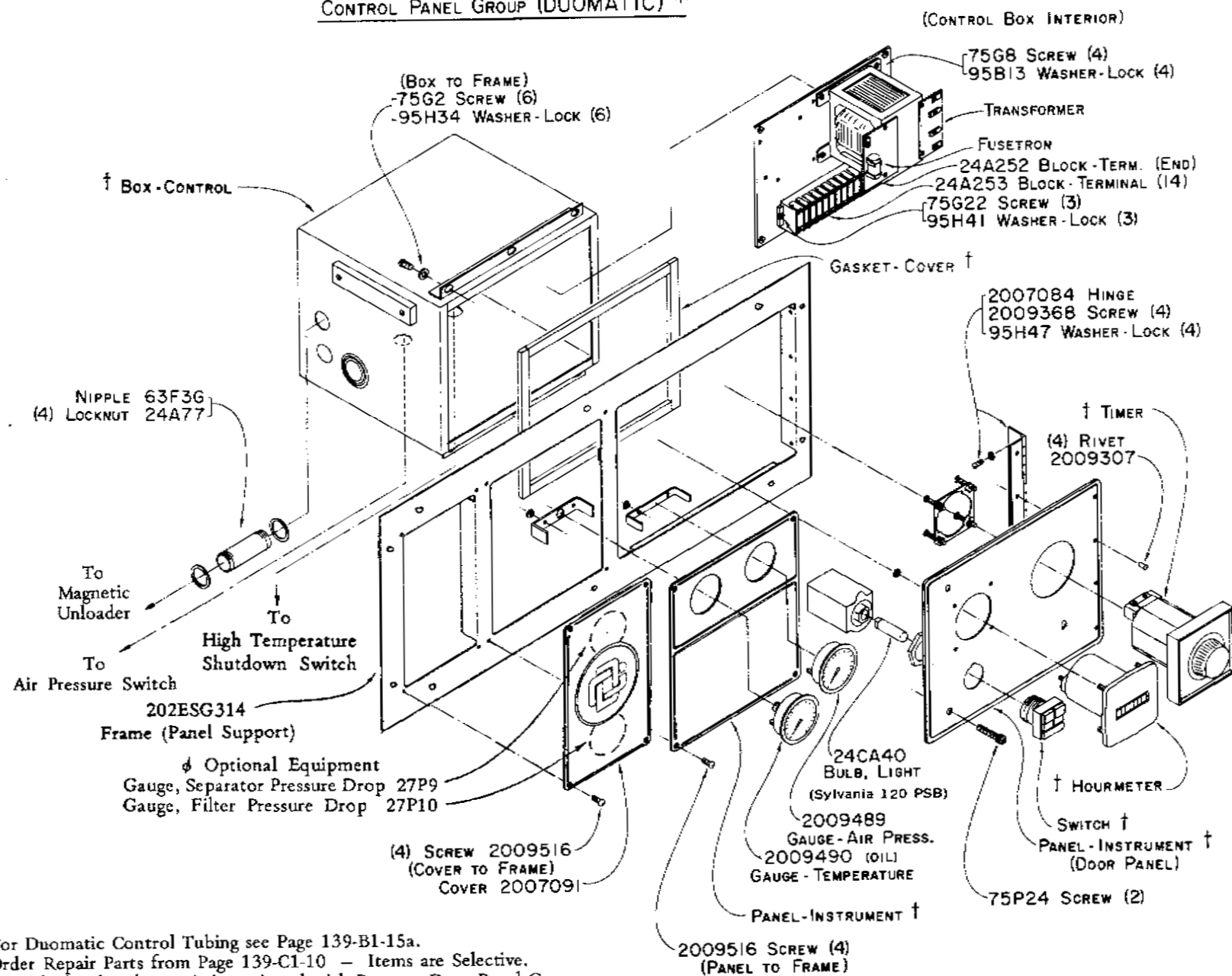
φ Furnished only when unit is equipped with Pressure Drop Panel Group.

CONTROL TUBING (DUAL CONTROL)

✓ DISCHARGE LINE IS SHOWN WITH RESERVOIR GROUP ON PAGE 3.

* FOR COMPONENT PARTS OF SUBTRACTIVE PILOT SEE PAGE 139-BI-12A.

CONTROL PANEL GROUP (DUOMATIC) *

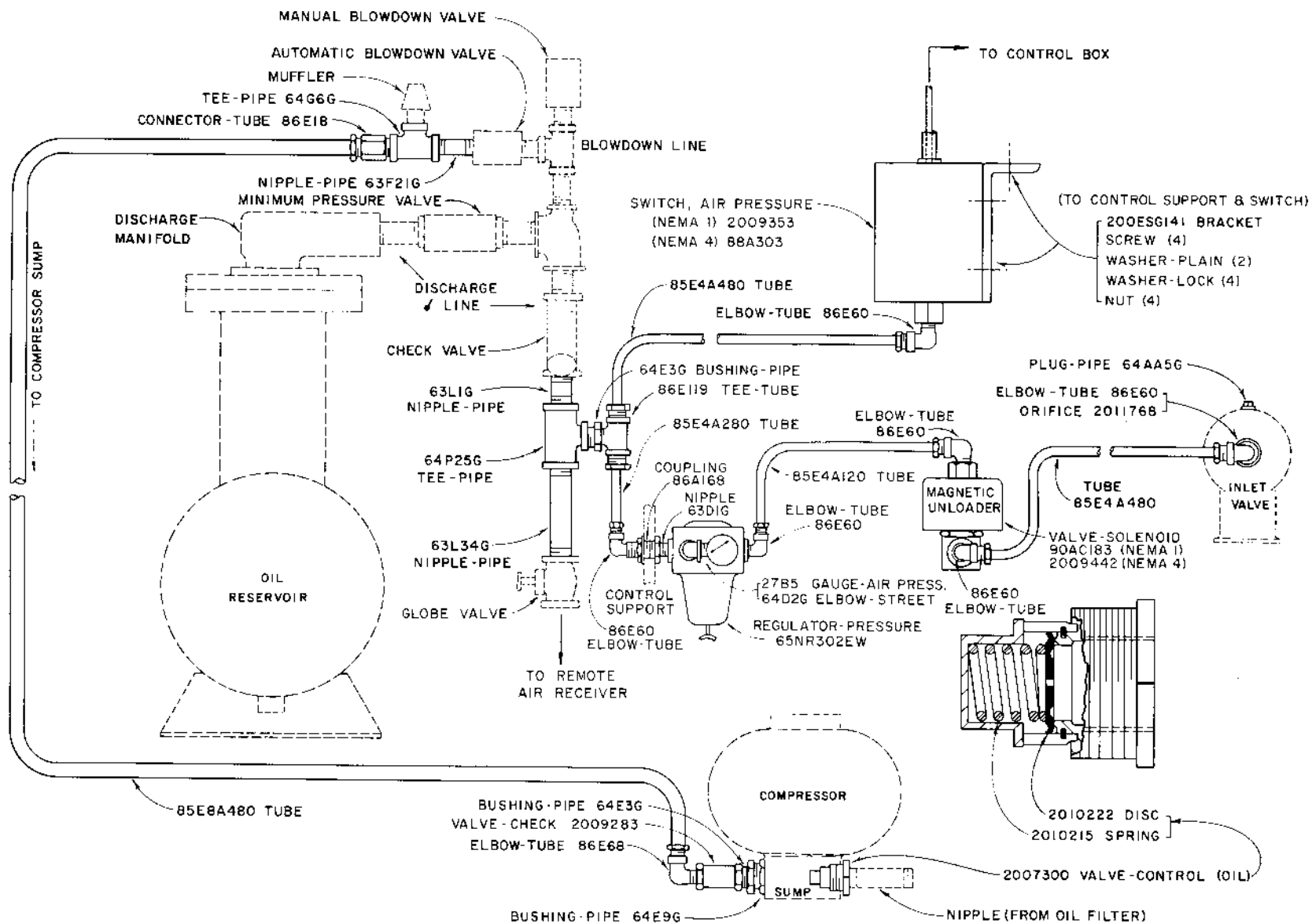


* For Duomatic Control Tubing see Page 139-B1-15a.

† Order Repair Parts from Page 139-C1-10 — Items are Selective.

‡ Furnished only when unit is equipped with Pressure Drop Panel Group.

CONTROL TUBING (DUOMATIC)



✓ DISCHARGE LINE IS SHOWN WITH RESERVOIR GROUP ON PAGE 3.

C75100

RECOMMENDED SPARES — ESG, ESH & ESJ

The following kits are separated according to service and locations. These are made available to aid the customer in stocking parts to allow on-site maintenance and/or repair. Quantities shown are for one unit only. It is the responsibility of the Owner-Operator to apply a multiplier for multiple units, operating conditions and/or for hours of operation. Refer to Instruction Manual for recommended replacement time for critical parts. KITS DO NOT INCLUDE OIL SEPARATORS. ELECTRICAL OR CONTROL ITEMS — THESE MUST BE PURCHASED SEPARATELY.

Ordering Instructions

KIT NO. 1 — Routine Maintenance: These are suggested as the minimum quantity of parts a customer should stock. They are usually the first items which require renewal. Order quantities of this kit to suit your requirements or particular service. One kit contains three (3) oil filter elements which require changing at least every 1000 hours under normal conditions.

KIT NO. 2 — Domestic Service: These are suggested as the minimum spares a customer should stock for continuous operation for one year. When ordering for this service, order Kits No. 1 and 2.

KIT NO. 3 — Isolated Domestic or Export Service: These are suggested as the minimum spares a customer should stock for continuous operation. These parts include those which possibly would need renewal in an overhaul. When ordering for this service, order Kits No. 1, 2 and 3.

APPLY THE PROPER MULTIPLIER BASED ON NUMBER OF UNITS AND HOURS OF OPERATION;
Example: For four (4) units, Four (4) of Kit No. 1 and only One (1) each of Kits 2 and 3 may be sufficient.

| COMPRESSOR MODEL HOURS OF OPERATION PART NO. (Complete Kit) For Units With: Standard Air Filter Heavy-Duty Air Filter | | ESG, ESH 3000 | ESJ 3000 | ESG, ESH, ESJ 9000 | ESG, ESH, ESJ 18000 |
|---|----------|----------------------|----------------------|-----------------------|------------------------|
| | | ESG66021 ESG66186 | ESJ66022 ESG66186 | ESG66023 ----- | ESG66024 ----- |
| | | KIT NO. 1 | | KIT NO. 2 | KIT NO. 3 |
| Description | Page No. | Qty. Per Kit | | Qty. Per Kit | Qty. Per Kit |
| KIT NO. 1 ROUTINE MAINTENANCE | | | | | |
| Air Filter Element | 139 -2 | 1 | | | |
| Oil Filter Element Kit | 139 -6 | 3 | | | |
| KIT NO. 2 DOMESTIC SERVICE | | | | | |
| Compressor Shaft Seal | 139 -1 | | | 1 | |
| Seal Housing O-Ring | 139 -1 | | | 1 | |
| Inlet Valve | 139 -2 | | | 1 | |
| Inlet Valve Spring | 139 -2 | | | 1 | |
| Inlet Valve Piston Spring | 139 -2 | | | 1 | |
| Inlet Valve Packing | 139 -2 | | | 1 | |
| Gasket Kit | 139 -1a | | | 1 | |
| KIT NO. 3 ISOLATED DOMESTIC OR EXPORT SERVICE | | | | | |
| Gear Drive Ball Bearing (Inner) | 139 -1 | | | | 1 |
| Gear Drive Ball Bearing (Outer) | 139 -1 | | | | 1 |
| Roller Bearing | 139 -1 | | | | 2 |
| Ball Bearing | 139 -1 | | | | 4 |
| Gasket Kit | 139 -1a | | | | 1 |