

COMPAGNIE TUNISIENNE DE FORAGE

19 RUE DE L'ARTISANAT CHARGUIA II – 2035 L'AEROPORT-ARIANA TUNISIA

FAX N°(216-70) 836 568/837 041 PHONE N°(216-70) 837 322

FAX MESSAGE

FROM : **C.T.F**

FAX REF :

DATE : 01/12/2023

CONTACT NAME :

Page (01) of (27) including this page

TO :

ATT: :

FAX N° : VIA MAIL

Y/REF :

COPY :

SUBJECT : INVITATION TO BID N° PP 2023/692
SUPPLY OF 08 LOTS OF VARIOUS SPARE PARTS

Compagnie Tunisienne de Forage, (CTF) is now seeking competitive bids for the Supply of :

SUPPLY OF 08 LOTS OF VARIOUS SPARE PARTS

To this purpose you are hereby invited to submit your best prices and delivery in full compliance with the following terms and conditions.

Bidders can submit for one lot or more.

A - SCOPE OF WORK :

Spare parts must be in compliance with technical specifications as detailed in attachment A.

B- ACKNOWLEDGEMENT:

You are kindly requested to acknowledge receipt of this inquiry by return fax or email.

C - BID CLOSING DATE:

Bids must be sent to CTF head office as soon as possible but no later than 21 December 2023 as per bid submission instructions hereinafter.

D- FORM OF BIDS:

Bids shall be in the form of pro forma invoices as per the formats shown under attachments B and C and shall include all requested details.

E – VALIDITY:

Bids shall be valid for a period of at least 90 days from bid closing date.

F/ BID SUBMISSION PROCEDURE :

Bids shall be submitted by one of the ways listed under articles G1 and G2 : The bidder is free to choose the appropriate way :

F-1- IN A SEALED OPAQUE ENVELOPE AS FOLLOWS:

Within this sealed opaque envelope bidder shall include the following two (02) separate internal sealed envelopes:

- The first internal sealed envelope shall:

* Indicate:

- **"envelope N°1 "UNPRICED Technical offer"**

- Tenderer's name and address

* Contain:

- The **Unpriced Technical offer** (in the format shown in **Attachment B**) duly signed dated and stamped.
- Any technical information related to the proposed Spare Parts.

- **The Second internal sealed envelope shall:**

* Indicate:

- **"envelope N°2 "PRICED" Financial offer"**

- Tenderer's name and address

* Contain:

- The **Priced Financial offer** (as per the format provided under **attachment C**) duly signed dated and stamped.

- **The outer sealed envelope containing the 2 internal sealed envelopes shall** be sent by registered mail or by courier to the following address so as to arrive as soon as possible but no later than, **21 December 2023**

**COMPAGNIE TUNISIENNE DE FORAGE
19 RUE DE L'ARTISANAT CHARGUIA II
2035 ARIANA - TUNISIA
ATT : PRESIDENT OF THE TENDER BOARD
"DO NOT OPEN"
INQUIRY N° PP/2023/692
SUPPLY OF 08 LOTS OF VARIOUS SPARE PARTS**

F-2- BY E-MAIL TO: closed.bids@ctf.com.tn as per the pro forma provided under attachment B and C

G - CONTACTS:

Any further information or clarification required during the bidding period to aid bidder in the preparation of his bid shall be requested in writing by fax addressed to:

**COMPAGNIE TUNISIENNE DE FORAGE
FAX N° (216-70) 837 041 – 836 568
ATT : TENDER BOARD**

H - SPECIAL NOTES:

- H.1- By written notice, CTF may modify the inquiry terms and conditions in any aspect by way of clarification, addition, deletion or otherwise, prior to bid closing date.*
- H.2- CTF shall be under no obligation to accept the lowest or any bid submitted hereunder and CTF shall not be held liable for any expenses incurred in the preparation or submittal of bids or any subsequent discussion and/or negotiation.*
- H.3– The financial offers and after the correction of possible errors of calculation, will be classed from the lowest bidder to the highest bidder and CTF will select the best offer which meets CTF technical.*
- H.4-Bidders are requested to quote for only Ex-Works*
- H.5-Certificate of conformance to be supplied in case P.O is placed.*

BEST REGARDS,

C.T.F.

PROCUREMENT & MARKETING MANAGER

ATTACHMENT A
TECHNICAL SPECIFICATIONS OF THE REQUESTED PARTS

LOT01: Spare parts for IRONROUGHNEK Hawk Industries, Inc.
Model : M100K-2GSR
Serial Number : 431

Item	Description	Reference	QTY
1	GRIP CYLINDER	H18S	2
2	REPAIR KIT, H18S GRIP CYLINDER	H18S-RK	2
3	TORQUE CYLINDER	H17	1
4	REPAIR KIT, H17 TORQUE CYLINDER	061-J20-RK	2
5	KIT	061-LTW-P/S	1
6	HOOK DIE HOLDER ASSEMBLY, TOP & BTM.	20211-TB	2
7	HEEL DIE HOLDER ASSEMBLY, TOP	50209-TOP	1
8	HEEL DIE HOLDER ASSEMBLY, BOTTOM	50209-BOT	1
9	1 3/8" OD X 14.00 LG. X .192 WIRE EXTENSION SPRING	623	1
10	T- HANDLE PIN 5" LG.	90293A419	4
11	HEEL DIE HOLDER ASSY, MIDDLE	50209-MID	2
12	HOOK DIE HOLDER ASSY, MIDDLE	20211-MID	2
13	BUMPER	50055	2
14	SPRING	73571	1
15	BELLOWS	9421K17	1
16	PUSH CYLINDER ASSEMBLY	H37S-2	1
17	REPAIR KIT, H37S-2 PUSH CYLINDER	H37S-2-RK	2
18	GRIP / TILT CYLINDER	H18	1
19	3/4"-10 x 9.50 LG. HEX BOLT GRD. 9	806510	2
20	3/4" -10 FLEX LOCKNUT	806503	2
21	GROMMET	20400	2
22	TORQUE GAGE ASSEMBLY	H178	1
23	SPACER DRIVE SPROCKET	24635	2
24	ASSEMBLY HYDRAULIC MOTOR	ME09	1
25	KEY	M21	2
26	SUN GEAR KIT	R25	1
27	MOTOR MOUNT GASKET	M22	2
28	DRIVE SPROCKET	24641	2
29	ROLLER SPROCKET	24623	4
30	IDLER ROLLER	25721	4
31	CHAIN	25CHAIN	3
32	GRIP CYLINDER BOTTOM 2.50 X 6.06 STROKE (90 DEGREE PORTS)	031-25CYL25-BS	1
33	GRIP CYLINDER TOP 2.50 X 6.06 STROKE (INLINE)	031-25CYL25-AS	1
34	CHAIN GUARD	24658	1
35	RAISE/LOWER CYLINDER	H20S	1
36	KIT	H20S-RK	2
37	SWIVEL ASSEMBLY	20230	1
38	DIE	20194	100
39	WINCH HOOK	H59H	1
40	WINCH CABLE	H59C	1
41	ROLLER ASSEMBLY	20210	60
42	Hydraulic Filter Assembly	H25	1
43	Filter Element	H25A	10
44	Filter Seal Kit	H25SK	10

45	Male Quick Disconnect	H52	2
46	Female Quick Disconnect	H53	2
47	Male Quick Disconnect	H26M	2
48	Female Quick Disconnect	H26F	2
49	Air Filter Assembly	A22	2
50	Float Drain, Air Filter	A22A	2
51	Filter Cartridge Kit	A22B/C	10

LOT02: Spare parts for Air Dryer ATLAS COPCO AIRPOWER

Model : BD 150+

Serial Number : APF271726

Item	Description	Reference	QTY
1	SERVICE KIT A BD 150+	2901207207	1
2	SERVICE KIT B BD 150+	2230001812	1
3	SERVICE KIT D BD 150+ ZP 60Hz	2230001814	1
4	GASKET 1-1/2"	1624038400	2
5	SAFETY VALVE	0830100988	2
6	WAFER CHECK VALVE DN40 190	1624039500	1
7	KI ELEMENT	1089064101	1
8	VALVE BUTTERFLY DN50	1627122185	1
9	GASKET 1-1/2"	1624038500	2
10	VALVE SELENOID	1624825182	2
11	HEATER AIR 4300W 400/230V IEC	1624031001	1
12	GASKET FOR HEATER	1624053900	1
13	THERMOSTAT	1830028005	1
14	BUTTERFLY VALVE DN50 ACROSS-LIN	1624845881	1
15	GASKET TYPE 1 61X107X2	0650100118	2
16	FILTER BLOWER	1624075600	1

LOT03: Spare parts for ALLISON transmission model: CLBT5860-3

Serial Number: 3110077881-6885504-8H30

Item	Description	Reference	QTY
1	BEARING (*) Overall Width: 27.0 millimeters nominal Bore Diameter: 50.00 millimeters nominal Overall Outside Diameter: 110.00 millimeters nominal	901310	2
2	BEARING (*)	127909	1
3	BOLT (*)	9409059	6

(*): See the attached document in the end of the inquiry

LOT04: Fire Pump (*)**

Item	Description		Reference	QTY
1	Moto pompe d'incendie Technical specifications:		HP400	1
Fire pump		SPECIFICATIONS	MINIMUM REQUIRED	
		Energy	Diesel	
		ENGINE SPECIFICATIONS	26hp at 3600 RPM Water cooled engine. 3-cylinder diesel engine. Electric start. 6 gallon (22 l) detachable fuel tank.	
		Pump specifications	Two stage centrifugal pump Pump body made from high resistance aluminum alloy. Bronze impellers. Mechanical shaft seal. Stainless steel pump shaft. Electric priming system, guaranteed up to 20' (6 meter) lift. Two 2 1/2" (65 mm) delivery outlets One 4" (100 mm) suction inlet	
		PERFORMANCE	350 GPM (1325 lpm) @ 50 PSI (3.45 bar)	
		Control Panal	Engine start/stop button. Throttle control lever. Operating panel light. Pilot lights. Pressure gauge. Vacuum pressure gauge.	
		Requirement	Technical specification is mantadory	

(*)NB: see attached file and the link:**

<https://www.thebigredguide.com/cet-fire-pumps-pfp-26hp-dsl-technical-details.html>

LOT05: Spare parts for SIOUX cleaning equipment			
Item	Description	Reference	QTY
1	RK Series ; Plunger Pump (**)	RKA3.5G40H	2
2	VALVE KIT (**)	2864	5
3	PISTON KIT (**)	2546	5
4	WATER SEAL KIT (**)	1857	5
5	OIL SEAL KIT (**)	1855	5
6	SUPPORT RING KIT (**)	1829	5
7	UNLOADER 7.8 GPM 3650 psi (régulateur de pression) (**) or equivalent.	FT00150	3
(**)See attached documents in the end of the inquiry.			

LOT06: Cup Tester			
Item	Description	Reference	QTY
1	CUP /TESTER 13 "3/8 (48-61 LBS/FT)	30579-02	2
2	CUP/TESTER-9"5/8- 43.5-53.5 LB	30601-02	2
3	CUP/TESTER-9"5/8- range 32.3-40 LB	30601-01	2

LOT07: Safety Wire			
Item	Description	Reference	QTY
1	Stainless Steel Lockwire / Safety Wire .041" (1,04mm)	NASM / MS20995C41 ASTMA580	3
2	Stainless Steel Lockwire / Safety Wire ..025" (0,63mm)	NASM / MS20995C25 ASTMA580	3
3	Stainless Steel Lockwire / Safety Wire .047" (1,19mm)	NASM / MS20995C51 ASTMA580	3

LOT08: Martin Decker fluid & gauges			
Item	Description	Reference	QTY
1	Model 6 Pressure Gauge with Standard Dial Face, 0-10,000 psi, Sour Gas Service, 2" Fig. 1502 Weco	360059	1
2	Model 6 - Flanged Pressure Gauge with Standard Dial Face, 0-6,000 psi, Sour Gas Service, 2-1/16"	360057	5
3	M/D FLUID	214359-101	70
4	M/D FLUID (4 LITER CAN)	W15-4	4
5	DIAPHRAGM	E40-1	20
6	Model 6 Pressure Gauge with Standard Dial Face, 0-6,000 psi, 2" Fig. 1502 Weco Union (Male) End Connection	366431	4

ATTACHMENT B

UNPRICED TECHNICAL OFFER

LOT01: Spare parts for IRONROUGHNEK

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :

BIDDER'S FULL NAME:

ADDRESS:

TELEPHONE N° :

FAX N°:

CONTACT NAME:

TO:

COMPAGNIE TUNISIENNE

DE FORAGE

19 RUE DE L'ARTISANAT 2035

CHARGUIA II ARIANA – L'AEROPROT

TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the EQUIPEMENT

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

UNPRICED TECHNICAL OFFER

LOT02: Spare parts for Air Dryer Atlas Copco

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the EQUIPEMENT

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT B

UNPRICED TECHNICAL OFFER

Lot03: Spare parts for Allison transmission

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the PARTS

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT B

UNPRICED TECHNICAL OFFER

Lot04: Fire Pump

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD
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FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the PARTS

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT B

UNPRICED TECHNICAL OFFER

Lot05: Spare parts for SIOUX cleaning equipment

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD
--

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
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TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the PARTS

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT B

UNPRICED TECHNICAL OFFER

Lot06: Cup Tester

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD
--

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the PARTS

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT B

UNPRICED TECHNICAL OFFER

Lot07: Safety Wire

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD
--

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
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CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the PARTS

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT B

UNPRICED TECHNICAL OFFER

LOT08: Martin Decker fluid & gauges

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :

BIDDER'S FULL NAME:

ADDRESS:

TELEPHONE N° :

FAX N°:

CONTACT NAME:

TO:

COMPAGNIE TUNISIENNE

DE FORAGE

19 RUE DE L'ARTISANAT 2035

CHARGUIA II ARIANA – L'AEROPROT

TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION
		Detailed description of the EQUIPEMENT

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP

ATTACHMENT C

PRICED FINACIAL OFFER

LOT01: Spare parts for IRONROUGHNEK

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :

BIDDER'S FULL NAME:

ADDRESS:

TELEPHONE N° :

FAX N°:

CONTACT NAME:

TO:

COMPAGNIE TUNISIENNE

DE FORAGE

19 RUE DE L'ARTISANAT 2035

CHARGUIA II ARIANA – L'AEROPROT

TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the EQUIPMENT		
TOTAL MATERIAL VALUE EX-WORKS				.....
CHARGES(PACKING, HANDLING , ETC ...)				.....
TOTAL FCA				

- MANUFACTURER NAME OF EACH ITEM: ONLY OEM PARTS ARE ACCEPTED
- COUNTRY OF ORIGIN :
- COUNTRY OF EMBARKATION :
- ESTIMATED NET AND GROSS WEIGHT :
- DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : Preferably 03 to 04 weeks .
- TERMS OF PAYMENT : NET 30 DAYS/ CASH AGAINST DOCUMENT
- VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :
- GENERAL TERMS AND CONDITIONS :

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

PRICED FINACIAL OFFER

LOT02: Spare parts for Air Dryer Atlas Copco

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the EQUIPMENT		
TOTAL MATERIAL VALUE EX-WORKS				.....
CHARGES(PACKING, HANDLING , ETC ...)				.....
TOTAL Ex-WORKS				

- MANUFACTURER NAME OF EACH ITEM: ONLY OEM PARTS WILL BE ACCEPTED
- COUNTRY OF ORIGIN :
- COUNTRY OF EMBARKATION :
- ESTIMATED NET AND GROSS WEIGHT :
- DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : Preferably 03 to 04 weeks.
- TERMS OF PAYMENT : NET 30 DAYS/ CASH AGAINST DOCUMENT
- VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :
- GENERAL TERMS AND CONDITIONS :

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

PRICED FINANCIAL OFFER

Lot03: Spare parts for Allison transmission

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
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COMPAGNIE TUNISIENNE
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19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the PARTS		
TOTAL MATERIAL VALUE EX-WORKS				.....
(PACKING, HANDLING , ETC ...)				.....
TOTAL PRICE				.....

- MANUFACTURER NAME OF EACH ITEM: ONLY OEM PARTS WILL BE ACCEPTED
- COUNTRY OF ORIGIN :
- COUNTRY OF EMBARKATION :
- ESTIMATED NET AND GROSS WEIGHT :
- DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : PREFERABLY BETWEEN 02 TO 03 WEEKS
- TERMS OF PAYMENT : NET 30 DAYS / CASH AGAINST DOCUMENT
- VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :
- GENERAL TERMS AND CONDITIONS :

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

PRICED FINANCIAL OFFER

Lot04: Fire Pump

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
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CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the PARTS		
TOTAL MATERIAL VALUE EX-WORKS				.....
(PACKING, HANDLING , ETC ...)				.....
TOTAL PRICE				.....

- **MANUFACTURER NAME OF EACH ITEM: ANY MANUFACTURER WILL BE ACCEPTED**
- **COUNTRY OF ORIGIN :**
- **COUNTRY OF EMBARKATION :**
- **ESTIMATED NET AND GROSS WEIGHT :**
- **DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : PREFERABLY BETWEEN 02 TO 03 WEEKS**
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- **VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :**
- **GENERAL TERMS AND CONDITIONS :**

AUTHORIZED SIGNATURE

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COMPANY STAMP :

PRICED FINANCIAL OFFER

Lot05: Spare parts for SIOUX cleaning equipment

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
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TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the PARTS		
TOTAL MATERIAL VALUE EX-WORKS				.....
(PACKING, HANDLING , ETC ...)				.....
TOTAL PRICE				.....

- **MANUFACTURER NAME OF EACH ITEM: ANY MANUFACTURER WILL BE ACCEPTED**
- **COUNTRY OF ORIGIN :**
- **COUNTRY OF EMBARKATION :**
- **ESTIMATED NET AND GROSS WEIGHT :**
- **DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : PREFERABLY BETWEEN 02 TO 03 WEEKS**
- **TERMS OF PAYMENT : NET 30 DAYS / CASH AGAINST DOCUMENT**
- **VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :**
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AUTHORIZED SIGNATURE

NAME :

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COMPANY STAMP :

PRICED FINANCIAL OFFER

Lot06: Cup Tester

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
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COMPAGNIE TUNISIENNE
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19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the PARTS		
TOTAL MATERIAL VALUE EX-WORKS				.....
(PACKING, HANDLING , ETC ...)				.....
TOTAL PRICE				.....

- **MANUFACTURER NAME OF EACH ITEM: ANY MANUFACTURER WILL BE ACCEPTED**
- **COUNTRY OF ORIGIN :**
- **COUNTRY OF EMBARKATION :**
- **ESTIMATED NET AND GROSS WEIGHT :**
- **DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : PREFERABLY BETWEEN 02 TO 03 WEEKS**
- **TERMS OF PAYMENT : NET 30 DAYS / CASH AGAINST DOCUMENT**
- **VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :**
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AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

PRICED FINANCIAL OFFER

Lot07: Safety Wire

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :
BIDDER'S FULL NAME:
ADDRESS:
TELEPHONE N° :
FAX N°:
CONTACT NAME:

TO:
COMPAGNIE TUNISIENNE
DE FORAGE
19 RUE DE L'ARTISANAT 2035
CHARGUIA II ARIANA – L'AEROPROT
TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the PARTS		
TOTAL MATERIAL VALUE EX-WORKS				.....
(PACKING, HANDLING , ETC ...)				.....
TOTAL PRICE				.....

- **MANUFACTURER NAME OF EACH ITEM: ANY MANUFACTURER WILL BE ACCEPTED**
- **COUNTRY OF ORIGIN :**
- **COUNTRY OF EMBARKATION :**
- **ESTIMATED NET AND GROSS WEIGHT :**
- **DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : PREFERABLY BETWEEN 02 TO 03 WEEKS**
- **TERMS OF PAYMENT : NET 30 DAYS / CASH AGAINST DOCUMENT**
- **VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :**
- **GENERAL TERMS AND CONDITIONS :**

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

ATTACHMENT C

PRICED FINACIAL OFFER

LOT08: Martin Decker fluid & gauges

PRO-FORMA INVOICE FORMAT USING YOUR COMPANY LETTER HEAD

FROM :

BIDDER'S FULL NAME:

ADDRESS:

TELEPHONE N° :

FAX N°:

CONTACT NAME:

TO:

COMPAGNIE TUNISIENNE

DE FORAGE

19 RUE DE L'ARTISANAT 2035

CHARGUIA II ARIANA – L'AEROPROT

TUNIS - TUNISIA

PRO-FORMA INVOICE N° :

DATE :

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
		Detailed description of the EQUIPMENT		
TOTAL MATERIAL VALUE EX-WORKS				.....
CHARGES(PACKING, HANDLING , ETC ...)				.....
TOTAL FCA				

- MANUFACTURER NAME OF EACH ITEM: ANY MANUFACTURER IS ACCEPTED
- COUNTRY OF ORIGIN :
- COUNTRY OF EMBARKATION :
- ESTIMATED NET AND GROSS WEIGHT :
- DELIVERY FROM DATE OF ORDER ACKNOWLEDGEMENT : Preferably 03 to 04 weeks .
- TERMS OF PAYMENT : NET 30 DAYS/ CASH AGAINST DOCUMENT
- VALIDITY OF BID (TO BE NOT LESS THAN 90 DAYS FROM BID CLOSING DATE) :
- GENERAL TERMS AND CONDITIONS :

AUTHORIZED SIGNATURE

NAME :

SIGNATURE :

TITLE :

DATE :

COMPANY STAMP :

ATTACHMENT D

MAIN TERMS AND CONDITIONS

ATTACHMENT D
MAIN TERMS AND CONDITIONS

A Purchase Order will be issued to the successful bidders based on the following main terms and conditions

1/ Purchase Order Prices

Purchase Order prices are inclusive of all rights, duties and taxes applicable outside Tunisia and related to the supply of Each lot including all costs related to packing, handling, shipping and delivery .

2/ Prices validity :

The prices of the Purchase Order, shall remain firm throughout delivery and not subject to any revision.

3/ Payment:

Payment will be made by wire transfer to the supplier's designated Bank account no later than 30 days from date of receipt of invoice.

4/ Payment of subcontractors:

Subcontractors are paid directly by the supplier; CTF will not assume any liability in case supplier does not pay his subcontractors.

5/ Conformity:

The SPARE PARTS shall be in conformity with the technical specifications set forth in attachment A and in supplier's quote.

CTF reserves the right to call on experts or technicians of it's choice to examine, control and test the SPARE PARTS in view of their acceptance.

In the event SPARE PARTS turn out not to be in conformity , expert fees will be at supplier's cost even in case of replacement of the rejected SPARE PARTS .

Accordingly supplier will not be entitled to make any claim of what ever nature as a result of incurring above costs.

6/ Delivery:

Delivery will be as stated in supplier's bid and the resulting Purchase Order.

Such delivery shall be respected and no delays will be allowed except as provided under article 10 (Force Majeure).

7/ Packing and Transport:

7-1 Packing and marking:

➤ **Packing:**

Supplier shall pack the SPARE PARTS adequately in such a manner as to prevent any damages during transport from ex-works .

Packing shall be adequate to provide good conservation during handling, bad weather etc... supplier shall bear the full responsibility for damages resulting from improper packing of material.

The packaging must be only in cardboard or in wood boxes instead of plastic packing .

➤ **Marking**

Each parcel shall be clearly marked to mention the following:



Packing shall be marked to show the following informations:

- *Supplier's name and address.*
- *Parcel number in X/N form (the numerator will indicate the sequential number of the parcel and de denominator the total number of parcels).*
- *Gross weight of each parcel.*
- *Dimension of each parcel in form L x W x H (length x width x height)*
- *Special marking as required for specific material such as fragile , Top , Bottom etc....*

7-2 Insurance coverage :

CTF will be responsible for insurance coverage of the risks involved in transport of the SPARE PARTS from port of loading or F.O.T (if delivery by truck) to port of unloading in accordance with the provision of incoterms 2000 or latest edition of ICC

However supplier shall be responsible for packing, handling and loading of the SPARE PARTS on the vessel or truck.

8/ Loss, Damages, Rejected Material

8.1 Loss, damages:

Supplier is required to replace as soon as possible at his costs and expenses (including all costs involved from ex-works to CTF designated delivery site) any missing items or non conformity of part or the totality of the items

All expenses, fees and taxes of what ever nature and – notwithstanding their amounts- incurred in making such replacements as provided in this article will be at supplier's cost.

8.2 Rejected material

Any material rejected by CTF shall be replaced by supplier at his sole cost and expenses and without compensation, as soon as possible.

9/ Guarantee:

Supplier shall guarantee the SPARE PARTS against any hidden defect, fabrication or materials defects for a period of 12 months from date of first usage or 18 months from shipping date (as stated in the bill of lading or CMR whichever comes first).

This guarantee shall also cover any and all costs related to travel of personnel, packing and shipment incurred when replacing or repairing defective material weather at a designated location or at CTF Base.

During the guarantee period, supplier shall make any repairs requested by CTF. However, he can request to be reimbursed in case he determines that such repairs are not covered by the guarantee or are due to CTF improper usage or handling of the SPARE PARTS

10/ Force Majeure

Neither party will be considered as failing to meet it's contractual obligations in case such failure is delayed, hindered or prevented by a case of force majeure .

Force majeure is defined as any unpredictable, irresistible event beyond the concerned party control which prevents him from meeting part or all of his obligations setforth in the present contract.

Strikes of supplier's personnel will not be considered as case of force majeure.

*In the event delivery of the SPARE PARTS complete with accessories will be partially or totally hampered due to a case of force majeure, supplier shall advise CTF within **Three (03) days** by formal notification of the commencement and end of force majeure as well as the likely consequences on the fulfillment of this contractual obligation.*

He shall also provide CTF with credible evidence of the existence and duration of the case of force majeure. CTF reserves the right to evaluate the reasons hampering the fulfillment of supplier's contractual obligations and to decide whether they are among force majeure cases or not.

*Time required to fulfillsupplier's contractual obligations will be extended by the number of days required to overcome the force majeure case. Should the force majeure case exceeds **Ten (10)days**; CTF reserves the right to cancel the Purchase Order by written notice (fax or e-mail).*

11/ Disputes And Conflicts

Any disputes related to the interpretation or the execution of the present contract –unless settled amicably by the parties- shall be settled by the competent Tunisian court.

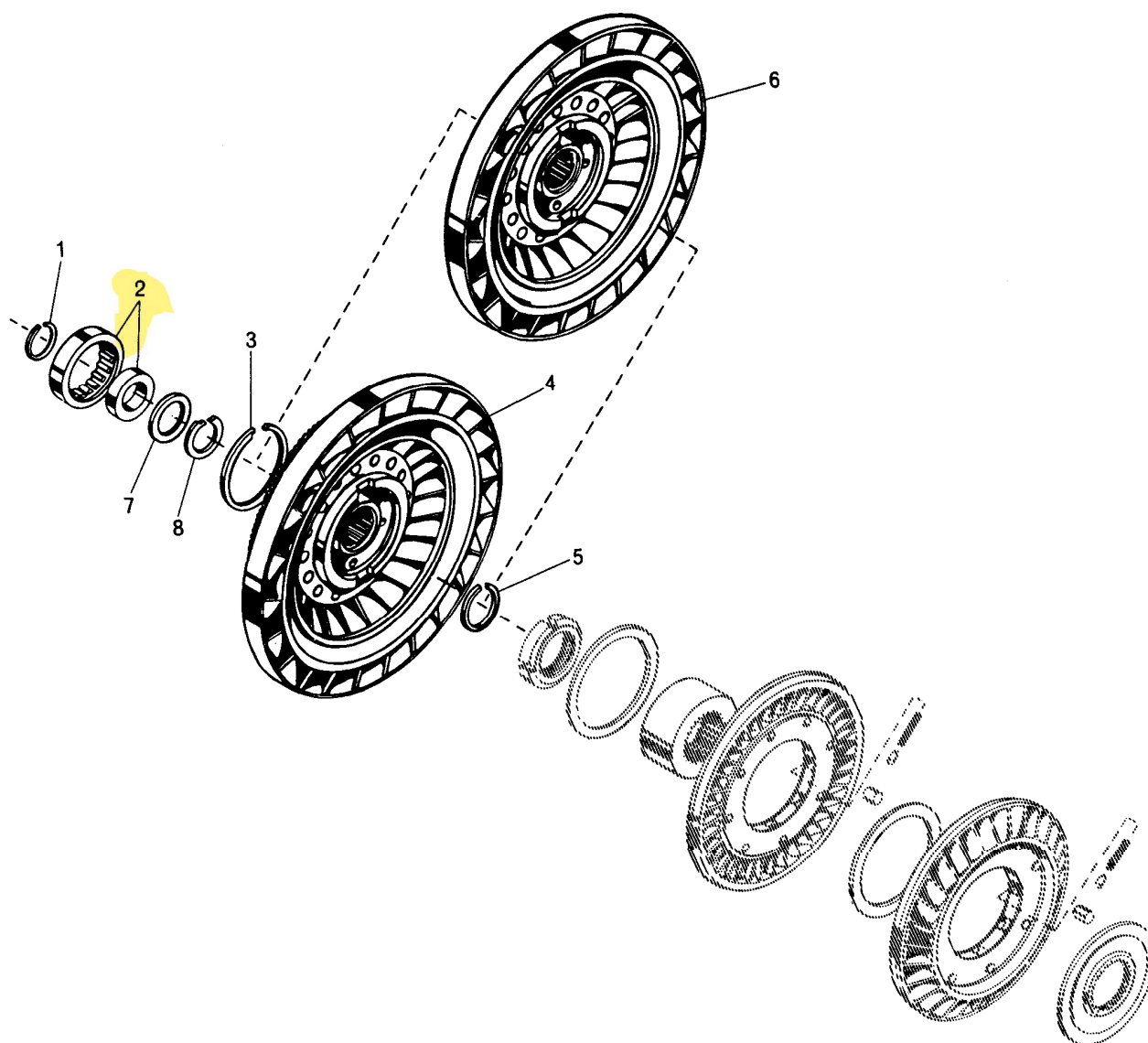


FIG 5 TURBINE

GROUP A

TURBINE, FIGURE 5

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	RING, EXTERNAL SNAP, 1.624 ID	6838403	1	1	2	5
2	BEARING, ROLLER, HYATT A 1309TS	127909	1	1	2	5
3	RING, INTERNAL SNAP, 3.965 ID	6774184	1	1	2	5
4	TURBINE	6830597	1		1	2
5	RING, SNAP, 1.937 ID	6703059	1	1	2	5
6-8	NOT USED IN THIS GROUP.					

GROUP B

TURBINE, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	NOT USED IN THIS GROUP.					
6	TURBINE	6831803	1		1	2
7-8	NOT USED IN THIS GROUP.					

GROUP C

TURBINE, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

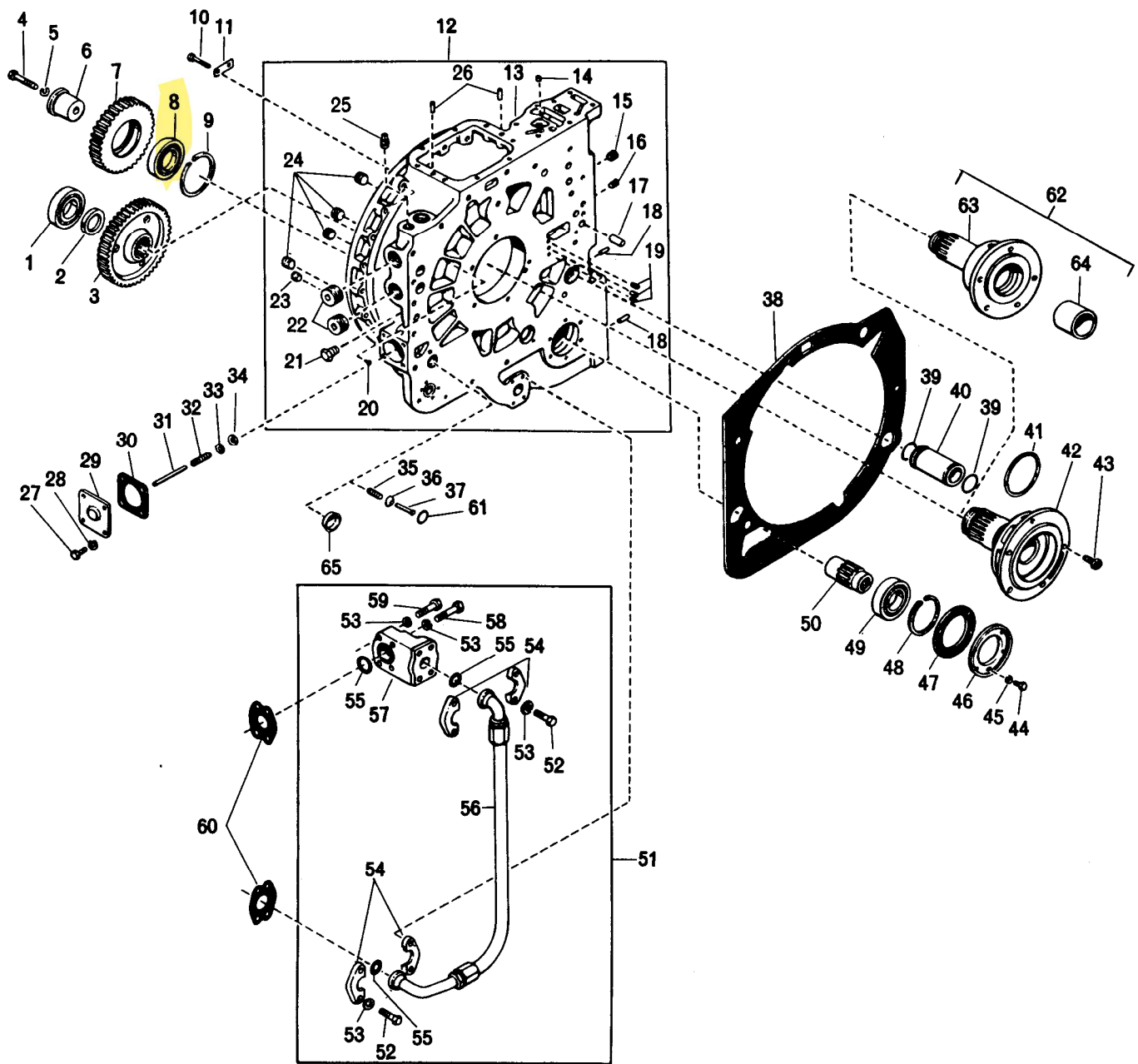
4	TURBINE	6830600	1		1	2
5-6	NOT USED IN THIS GROUP.					
7	SPACER, BEARING	6774704	1	1	2	5
8	RING, SNAP	6774703	1	1	2	5

GROUP D

TURBINE, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4-5	NOT USED IN THIS GROUP.					
6	TURBINE	6830598	1		1	2
7	SPACER, BEARING	6774704	1	1	2	5
8	RING, SNAP	6774703	1	1	2	5



4662G

FIG 9 TORQUE CONVERTER HOUSING

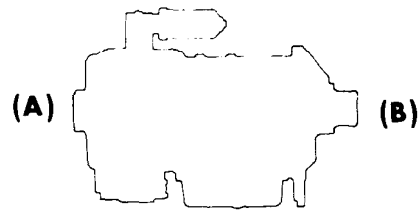
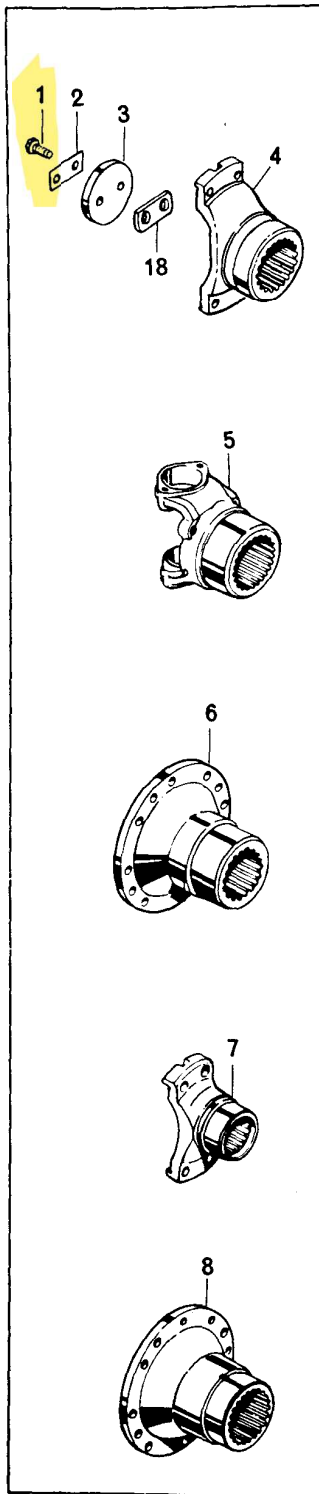
GROUP A

TORQUE CONVERTER HOUSING, FIGURE 9

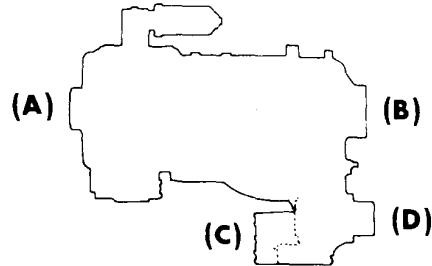
REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BEARING, SINGLE ROW BALL, ND 2209XR1A	903209	1	1	2	5
2	SPACER	6756338	1	1	2	5
3	GEAR, OIL PUMP DRV.	6755986	1		1	2
4	BCLT, HX HD, 1/2-13 X 2 1/2	179891	1	1	2	5
5	WASHER, LOCK, 1/2	103323	1	1	2	5
6	SPINDLE, OIL PUMP IDLER GEAR SEE SPI 557	6774736	1		1	2
7	GEAR, OIL PUMP IDLER SEE SPI 557	6774735	1		1	2
8	BEARING, SINGLE ROW BALL, ND1210 SEE SPI 557	901310	1	1	2	5
9	RING, SNAP SEE SPI 557	8892840	1	1	2	5
10-11	NCT USED IN THIS GROUP.					
12	HOUSING ASSY, TORQUE CONVERTER ALSO ORDER	6835205	1			1
	SPINDLE 6774736 REF 6, GEAR 6774735 REF 7, BEARING 901310 REF 8 AND SNAPRING 8892840 REF 9 WHEN REPLACING CONVERTER HOUSING ASSY 6770212. SEE SPI 557. PRIOR TO S/N 5449 USE 6774726. STARTING WITH S/N 5449 USE 6835205. SEE SPI 737.					
13	HOUSING, TORQUE CONVERTER	6834002	* 1			
14	NOT USED IN THIS GROUP.					
15	PLUG, PIPE, 1/2	445751	1			1
16	PLUG, SCKT HD PIPE, 1/4	444654	1			1
17	PIN, DOWEL, 3/4 X 1 1/4	107393	2			2
18	PIN, DOWEL, 7/16 X 1	141264	2			2
19	PLUG, PIPE, 1/8	444687	3			3
20	SCREW, DRV, 1/8	145067	1			1
21	PLUG, PIPE, 1/4	444618	1			1
22	PLUG, PIPE, 1 1/4 NOTE HSNG ASSYS 6758439 & 6768966 REQUIRE 2, 1 INCH DIA PLUGS 444678. FOR LOCATION SEE REF. 22. ALL OTHER HSNG ASSYS USE 2, 1 1/4 INCH DIA PLUGS 455275 FOR THIS LOCATION	455275	2			2
23	PLUG, PIPE, 3/4	444672	1			1
24	PLUG, SQ SOCKET, 1 INCH	444678	4			4
25	PLUG, PIPE, 1/2	444588	1			1
26	PIN, DOWEL, 7/16 X 1	141264	2			2
27	BCLT, HX HD, 3/8-16 X 3/4	179837	4	4	8	12
28	WASHER, LOCK, 3/8	103321	4	4	8	12

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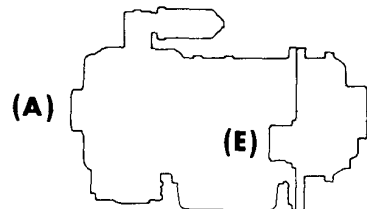
* SERVICED AS AN ASSY - NOT AS A DETAIL PART



STRAIGHT THRU DRIVE MODEL



TRANSFER GEAR DRIVE MODEL
(DROP BOX)



ANGLE DRIVE TRANSFER GEAR MODEL

NOTE

Letters in parentheses identify locations and should not be confused with the alphabetical group listings.

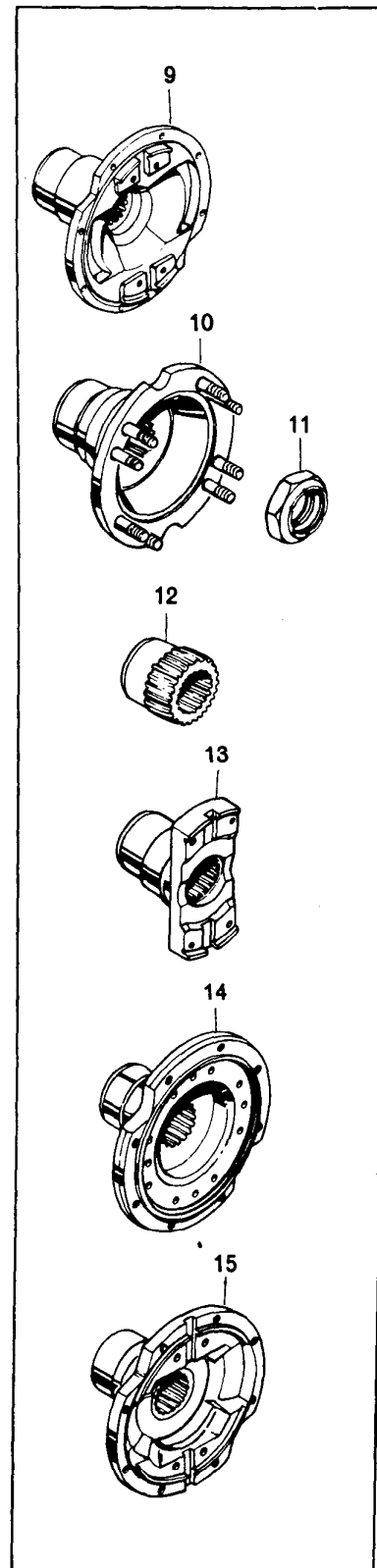
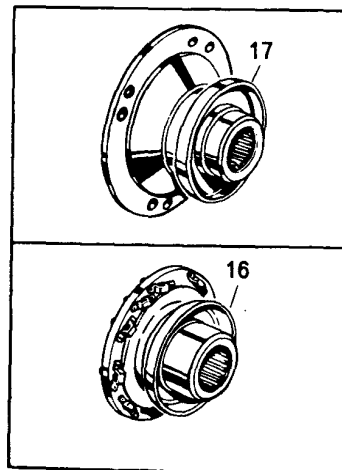


FIG 1 FLANGE

GROUP A

FLANGE, FIGURE 1

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BCLT, HX HD, 1/2-20 X 1 1/4	9409059	2	2	4	6
2	STRIP, LOCKING	6755269	1	1	3	10
3	WASHER, FLANGE RETAINER	6768711	1	1	2	3
4	FLANGE M8C	6769263	1		1	2
5-17	NOT USED IN THIS GROUP					
18	SHIM, .025	6772140	AR	2	6	8
18	SHIM, .005	6772141	AR	2	6	8

GROUP B

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	NOT USED IN THIS GROUP					
5	FLANGE S-1700	6770785	1		1	2
6-17	NOT USED IN THIS GROUP					

GROUP C

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4-5	NOT USED IN THIS GROUP					
6	FLANGE S-1800	6752520	1		1	2
7-17	NOT USED IN THIS GROUP					

GROUP D

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

3	WASHER, FLANGE RETAINER	6768324	1	1	2	3
4-6	NOT USED IN THIS GROUP					
7	FLANGE M7C	6757603	1		1	2
8-17	NOT USED IN THIS GROUP					

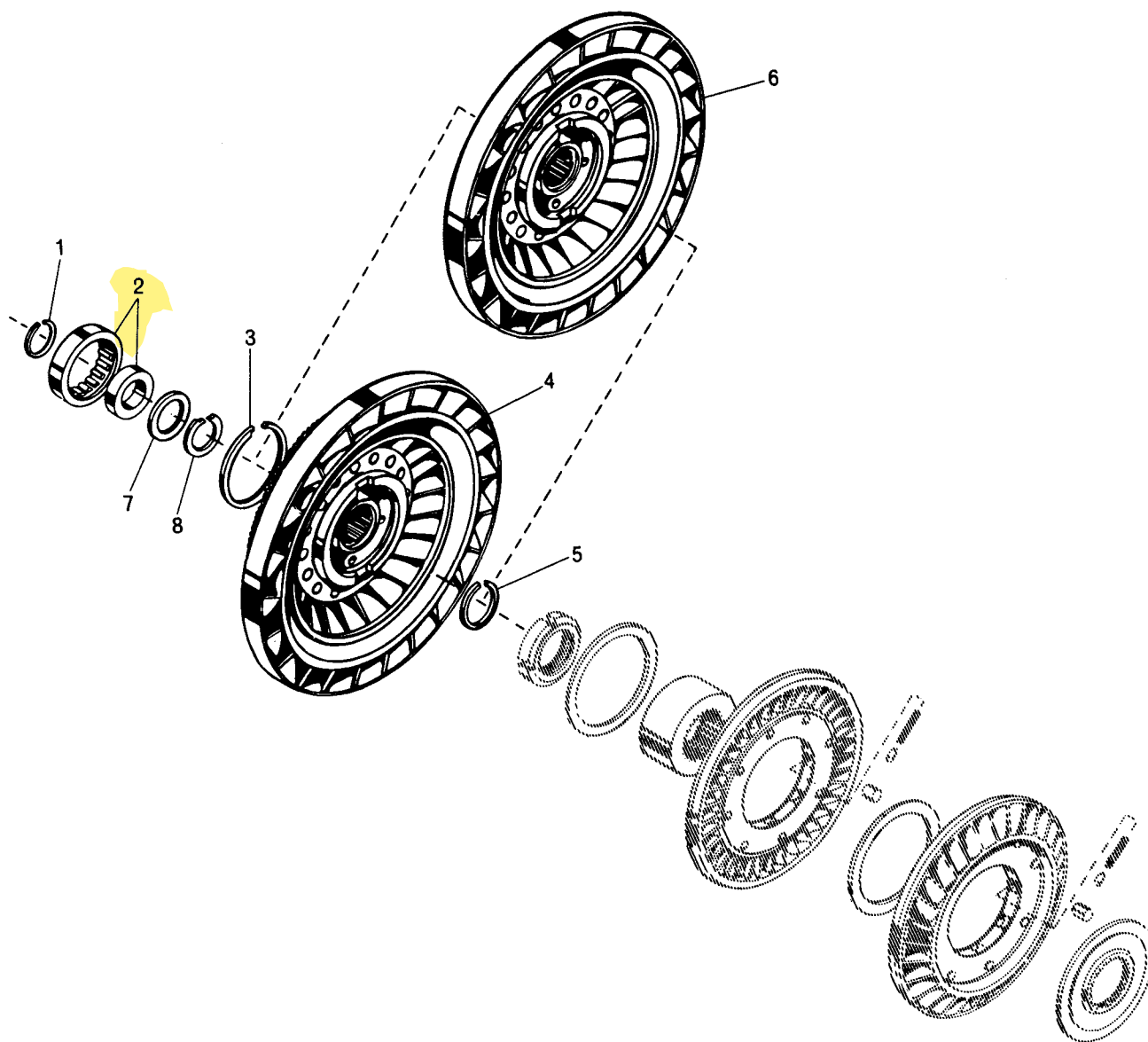


FIG 5 TURBINE

GROUP A

TURBINE, FIGURE 5

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	RING, EXTERNAL SNAP, 1.624 ID	6838403	1	1	2	5
2	BEARING, ROLLER, HYATT A 1309TS	127909	1	1	2	5
3	RING, INTERNAL SNAP, 3.965 ID	6774184	1	1	2	5
4	TURBINE	6830597	1		1	2
5	RING, SNAP, 1.937 ID	6703059	1	1	2	5
6-8	NOT USED IN THIS GROUP.					

GROUP B

TURBINE, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	NOT USED IN THIS GROUP.					
6	TURBINE	6831803	1		1	2
7-8	NOT USED IN THIS GROUP.					

GROUP C

TURBINE, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	TURBINE	6830600	1		1	2
5-6	NOT USED IN THIS GROUP.					
7	SPACER, BEARING	6774704	1	1	2	5
8	RING, SNAP	6774703	1	1	2	5

GROUP D

TURBINE, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4-5	NOT USED IN THIS GROUP.					
6	TURBINE	6830598	1		1	2
7	SPACER, BEARING	6774704	1	1	2	5
8	RING, SNAP	6774703	1	1	2	5

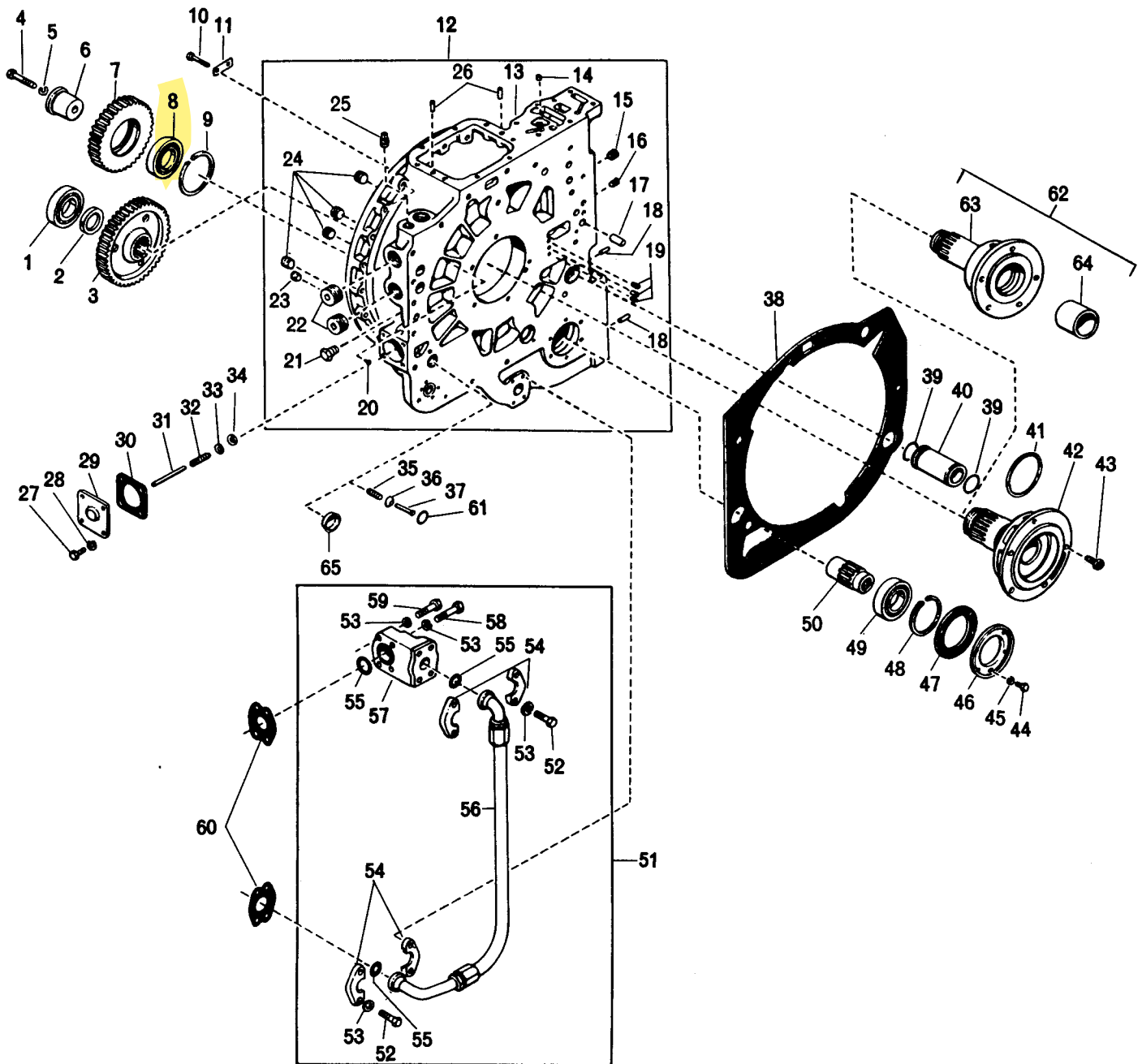


FIG 9 TORQUE CONVERTER HOUSING

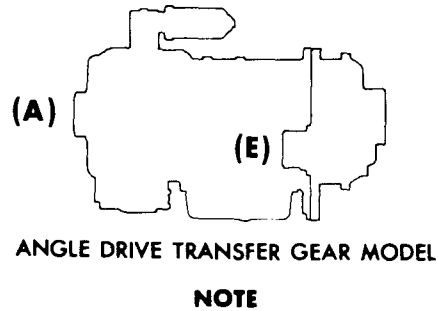
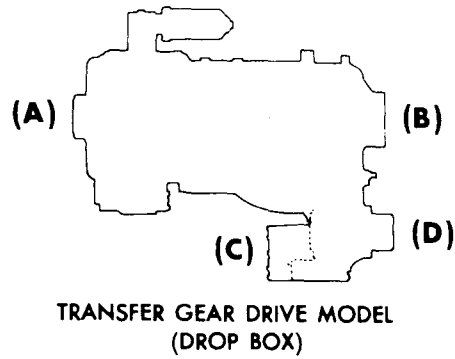
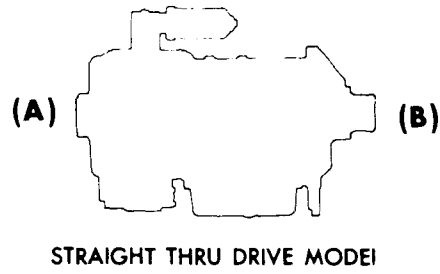
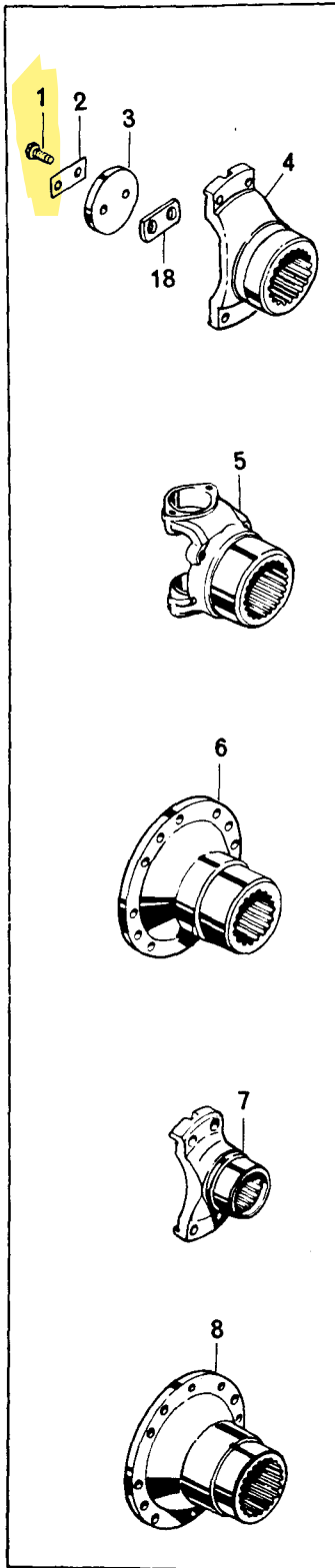
GROUP A

TORQUE CONVERTER HOUSING, FIGURE 9

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BEARING, SINGLE ROW BALL, ND 2209XR1A	903209	1	1	2	5
2	SPACER	6756338	1	1	2	5
3	GEAR, OIL PUMP DRV	6755986	1		1	2
4	BOLT, HX HD, 1/2-13 X 2 1/2	179891	1	1	2	5
5	WASHER, LOCK, 1/2	103323	1	1	2	5
6	SPINDLE, OIL PUMP IDLER GEAR SEE SPI 557	6774736	1		1	2
7	GEAR, OIL PUMP IDLER SEE SPI 557	6774735	1		1	2
8	BEARING, SINGLE ROW BALL, ND1210 SEE SPI 557	901310	1	1	2	5
9	RING, SNAP SEE SPI 557	8892840	1	1	2	5
10-11	NCT USED IN THIS GROUP.					
12	HOUSING ASSY, TORQUE CONVERTER ALSO ORDER	6835205	1			1
	SPINDLE 6774736 REF 6, GEAR 6774735 REF 7, BEARING 901310 REF 8 AND SNAPRING 8892840 REF 9 WHEN REPLACING CONVERTER HOUSING ASSY 6770212. SEE SPI 557. PRIOR TO S/N 5449 USE 6774726. STARTING WITH S/N 5449 USE 6835205. SEE SPI 737.					
13	HOUSING, TORQUE CONVERTER	6834002 *	1			
14	NOT USED IN THIS GROUP.					
15	PLUG, PIPE, 1/2	445751	1			1
16	PLUG, SCKT HD PIPE, 1/4	444654	1			1
17	PIN, DOWEL, 3/4 X 1 1/4	107393	2			2
18	PIN, DOWEL, 7/16 X 1	141264	2			2
19	PLUG, PIPE, 1/8	444687	3			3
20	SCREW, DRV, 1/8	145067	1			1
21	PLUG, PIPE, 1/4	444618	1			1
22	PLUG, PIPE, 1 1/4 NOTE HSNG ASSYS 6758439	455275	2			2
	& 6768966 REQUIRE 2, 1 INCH DIA PLUGS 444678. FOR LOCATION SEE REF. 22. ALL OTHER HSNG ASSYS USE 2, 1 1/4 INCH DIA PLUGS 455275 FOR THIS LOCATION					
23	PLUG, PIPE, 3/4	444672	1			1
24	PLUG, SQ SOCKET, 1 INCH	444678	4			4
25	PLUG, PIPE, 1/2	444588	1			1
26	PIN, DOWEL, 7/16 X 1	141264	2			2
27	BOLT, HX HD, 3/8-16 X 3/4	179837	4	4	8	12
28	WASHER, LOCK, 3/8	103321	4	4	8	12

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* SERVICED AS AN ASSY - NOT AS A DETAIL PART



Letters in parentheses identify locations and should not be confused with the alphabetical group listings.

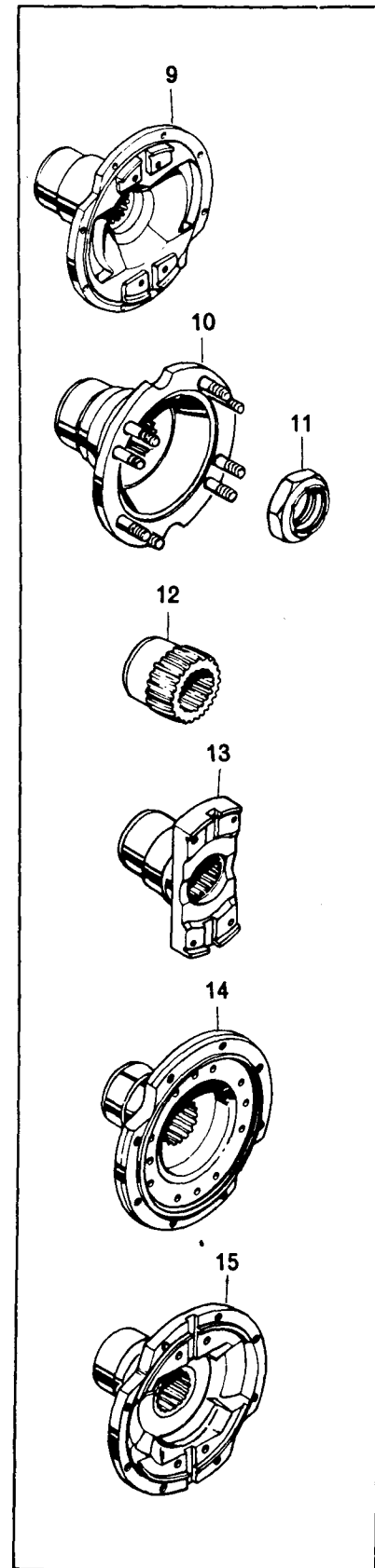
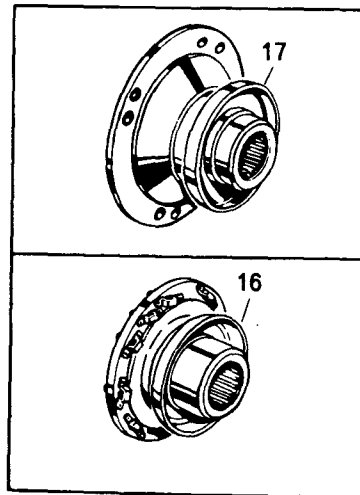


FIG 1 FLANGE

GROUP A

FLANGE, FIGURE 1

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BCLT, HX HD, 1/2-20 X 1 1/4	9409059	2	2	4	6
2	STRIP, LOCKING	6755269	1	1	3	10
3	WASHER, FLANGE RETAINER	6768711	1	1	2	3
4	FLANGE M8C	6769263	1		1	2
5-17	NOT USED IN THIS GROUP					
18	SHIM, .025	6772140	AR	2	6	8
18	SHIM, .005	6772141	AR	2	6	8

GROUP B

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	NOT USED IN THIS GROUP					
5	FLANGE S-1700	6770785	1		1	2
6-17	NOT USED IN THIS GROUP					

GROUP C

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

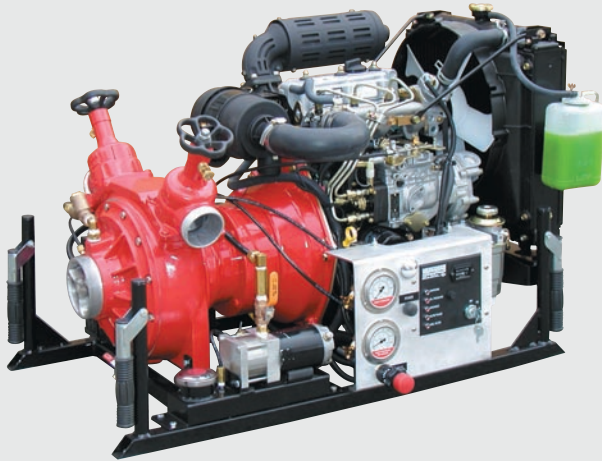
4-5	NOT USED IN THIS GROUP					
6	FLANGE S-1800	6752520	1		1	2
7-17	NOT USED IN THIS GROUP					

GROUP D

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

3	WASHER, FLANGE RETAINER	6768324	1	1	2	3
4-6	NOT USED IN THIS GROUP					
7	FLANGE M7C	6757603	1		1	2
8-17	NOT USED IN THIS GROUP					



ALSO AVAILABLE IN SKID VERSION

PFP-26hp-DSL

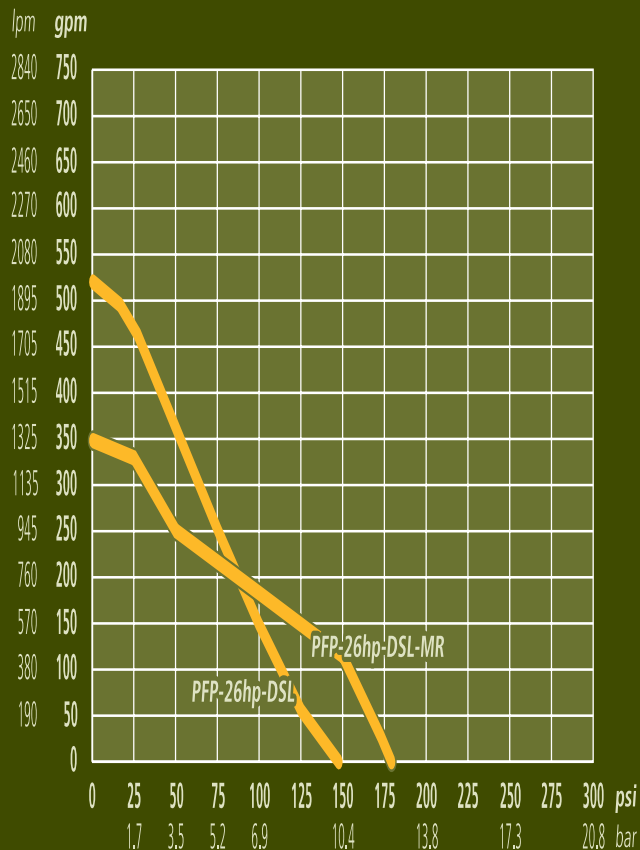
PFP-26hp-DSL PFP-26hp-DSL-MR

DIESEL HIGH PRESSURE VOLUME PUMP

This high pressure/high volume pump is made to fight fires or supply water to the fire scene. The engine and pump are mounted on a steel protective frame with folding handles.

The **MR** version gives you more pressure to meet the requirements of an initial attack.

MR = mid-range



PERFORMANCE (PFP-26hp-DSL)

475	GPM	(1798 lpm)	@	25	PSI	(1.73 bar)
350	GPM	(1325 lpm)	@	50	PSI	(3.45 bar)
150	GPM	(568 lpm)	@	100	PSI	(6.90 bar)
100	GPM	(379 lpm)	@	125	PSI	(8.63 bar)

PERFORMANCE (PFP-26hp-DSL-MR)

330	GPM	(1247 lpm)	@	25	PSI	(1.72 bar)
250	GPM	(945 lpm)	@	50	PSI	(3.45 bar)
175	GPM	(662 lpm)	@	100	PSI	(6.89 bar)
120	GPM	(454 lpm)	@	150	PSI	(10.34 bar)
25	GPM	(95 lpm)	@	170	PSI	(11.72 bar)

ENGINE SPECIFICATIONS

- Vanguard 26hp at 3600 RPM, water cooled engine.
- 3-cylinder diesel engine.
- Electric start.
- 6 gallon (22 l) detachable fuel tank.

PUMP UNIT SPECIFICATIONS

- C.E.T. two stage centrifugal pump (PFP-26hp-DSL).
- C.E.T. single stage centrifugal pump (PFP-26hp-DSL-MR).
- Pump body made from high resistance aluminum alloy.
- Bronze impellers.
- Mechanical shaft seal.
- Stainless steel pump shaft.
- Electric priming system, guaranteed up to 20' (6 meter) lift.
- Two 2 1/2" (65 mm) delivery outlets (PFP-26hp-DSL).
- One 1 1/2" (38 mm) delivery outlet (PFP-26hp-DSL-MR).
- One 4" (100 mm) suction inlet (PFP-26hp-DSL).
- One 2 1/2" (65 mm) suction inlet (PFP-26hp-DSL-MR).
- Dimensions: Length: 40 1/4" (1022 mm); Width: 23 1/2" (596 mm); Height: 26 5/8" (676 mm) (PFP-26hp-DSL).
- Dimensions: Length: 32" (813 mm); Width: 23 1/2" (596 mm); Height: 26 5/8" (676 mm) (PFP-26hp-DSL-MR).
- Weight: 295 lbs (134 kg) (PFP-26hp-DSL).
- Weight: 265 lbs (120 kg) (PFP-26hp-DSL-MR).

CONTROL PANEL

- Engine start/stop button.
- Throttle control lever.
- Operating panel light.
- Pilot lights.
- Pressure gauge.
- Vacuum pressure gauge.



POWER THAT MEETS YOUR REQUIREMENTS

15

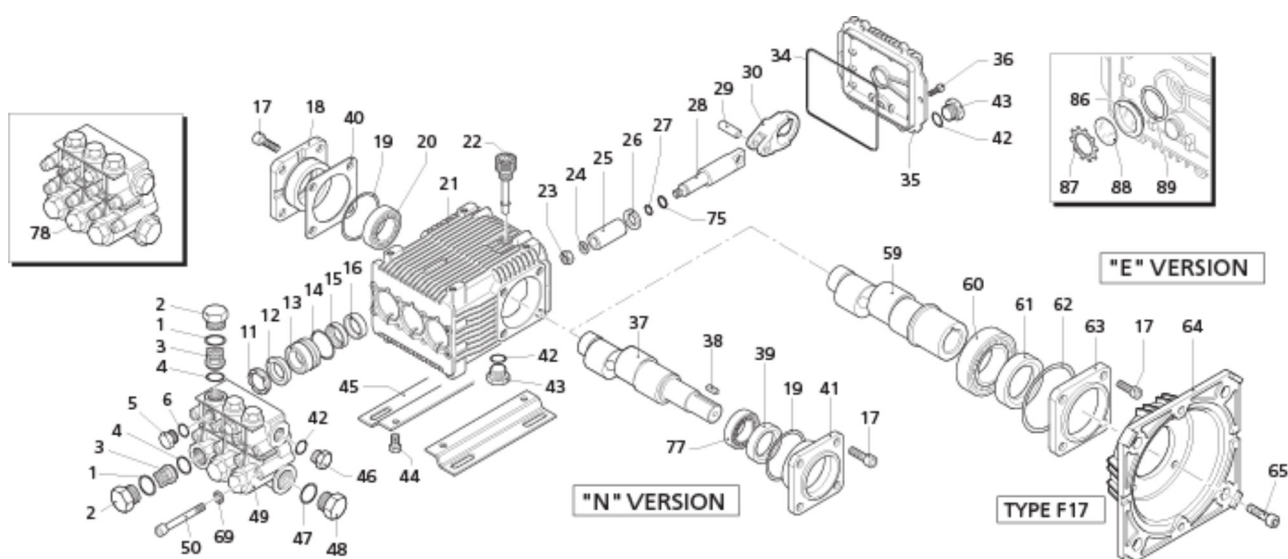


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RKA 1750 rpm - Breakdown

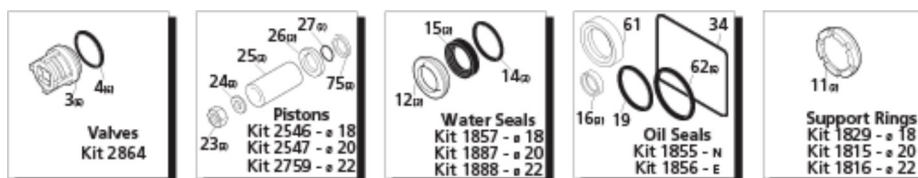


Pos.	Code	Description	Qty.	Legend
1	960160	O-Ring Ø17.86x2.62	6	Ø18 For RKA3.5G22 RKA3.5G25 RKA3.5G30H RKA3.5G40H For RKA4.5G17 RKA4.5G25H RKA4.5G30H- RKA4.5G35H RKA4.5G40H For RKA4G20 RKA4G30A RKA4G30 RKA4G30H RKA4G35H RKA4G40H For RKA4G35NL Ø20 For RKA5.5G13 RKA5.5G20H RKA5.5G26H RKA5.5G30H Ø22 For RKA6.5G13 RKA6.5G20H For RKA7G13 RKA7G20H Over 3600psi
2	960090	Valve cap - Brass (478 in/lbs)	6	
2	960850	Valve cap - SS (478 in/lbs)	6	
2	1380740	Valve cap - NP (478 in/lbs)	6	
2	960090T	Valve cap - 1/4" threaded - Brass (478 in/lbs)	1	
2	960850T	Valve cap - 1/4" threaded - SS (478 in/lbs)	1	
3	1389051	Complete valve	6	
4	880830	O-Ring Ø15.54x2.62	6	
5	880581	Plug 1/4" G - Brass	2	
5	1380690	Plug 1/4" G NP	2	
6	820510	O-Ring Ø10.82x1.78	2	
11	960110	Support ring Ø18	3	
11	840300	Support ring Ø20	3	
11	840320	Support ring Ø22	3 3	
12	880320	High pressure packing Ø18	3	
12	840290	High pressure packing Ø20	3	
12	840330	High pressure packing Ø22	3 3	
13	1380090	Piston guide Ø18	3	
13	1380150	Piston guide Ø20	3	
13	1380160	Piston guide Ø22	3 3	
14	961240	O-Ring Ø31.47x1.78	3	
15	880330	Low pressure seal Ø18	3	
15	840280	Low pressure seal Ø20	3	
15	840340	Low pressure seal Ø22	3	
16	1383130	Oil seal	3	
17	850370	Bolt M8x16 (217 in/lbs)	8	
18	1380050	Closed bearing support	1	
19	640030	O-Ring Ø59.99x2.62	2	
20	2280240	Bearing	1	
21	1382770	Pump housing	1	

22	880130	Vented oil cap	1
23	962010	Nut M8 (106in/lbs)	3
24	962000	Washer Ø8.1	3
25	1380940	Ceramic piston Ø18	   3
25	1380930	Ceramic piston Ø20	 3
25	1382360	Ceramic piston Ø22	 3
26	1380950	Slinger	3
27	600180	O-Ring Ø7.66x1.78	3
28	1380920	Guiding piston	3
29	1380060	Piston pin	3
30	1383020	Con rod - Bronze > 3000 PSI	3
30	1383050	Con rod - Aluminum < 3000 PSI	3
34	1780510	O-Ring	1
35	1789010	Complete cover	1
36	1343510	Bolt M6x14 (89 in/lbs)	6
37	2280100	Crankshaft 24mm	 1
37	2280090	Crankshaft 24mm	 1
37	2280070	Crankshaft 24mm	  1
37	2280060	Crankshaft 24mm	 1
37	2280110	Crankshaft 24mm - NL	 1
38	1380520	Key	1
39	180340	Oil seal	1-3
40	1380120	Shim 0.10 mm	1-3
40	1380130	Shim 0.20 mm	1-3
40	1380530	Shim 0.25 mm	1-3
40	1382810	Shim 0.05 mm	1-3
41	1380040	Open bearing support (217 in/lbs)	1
42	740290	O-Ring Ø14x1.78	3
43	1980740	Plug 3/8" G	2
44	1260470	Bolt M8x10	4
45	1380141	Rail 5/8" (N Version only)	2
45	Z-Bracket 1-3/4	Rail 1-3/4" (N Version only)	2
45	Z-Bracket	Rail 2-5/8" (N Version only)	2
46	1980740	Plug 3/8" G	1
46	1981180	Plug 3/8" G NP	 1
47	180101	O-Ring Ø17.5x2	1
48	820361	Plug 1/2" G	1
48	960870	Plug 1/2" G NP	 1
49	1381071	Pump head - Brass Ø18	1
49	1381070	Pump head - NP Ø18	 1
49	1380020	Pump head - Brass Ø20	1
49	1380680	Pump head - NP Ø20	1
49	1383010	Pump head - Brass Ø22	1
49	1383310	Pump head - NP Ø22	1
50	820150	Head bolt M8x70 (217 in/lbs)	8
59	2280260	Hollow shaft Ø1-1/8"	 1
59	2280200	Hollow shaft Ø1-1/8"	  1
59	2280270	Hollow shaft Ø1-1/8"	  1
59	2280280	Hollow shaft Ø1-1/8"	 1
60	1380320	Bearing	1
61	621170	Oil seal	1
62	1380220	O-Ring Ø72.75x1.78	1
63	1380210	Complete cover	1
64	1591	Electric Flange F17	1

65	620610	Bolt	4
69	1381850	Washer	8
71	1389270	Complete pump head - Brass Ø18	1
71	1389272	Complete pump head - NP Ø18	1
71	1389271	Complete pump head - NP Ø18	1
71	1389208	Complete pump head - Brass Ø20	1
71	1389212	Complete pump head - NP Ø20	1
71	1389268	Complete pump head - Brass Ø22	1
71	1389269	Complete pump head - NP Ø22	1
75	1080401	Back-up ring	3
77	840370	Bearing	1
86	1260250	Oil sight glass	1
87	1260430	Snap ring	1
88	1780690	Contrast disc	1
89	1140450	O-Ring Ø20.24x2.62	1
	AR64516	Oil	1
		Oil Capacity - 15 oz	

Repair Kits



Special Parts / Kits

Code	Description	Qty.
2809	Viton water seals Ø18	1
2810	Viton water seals Ø20	1
2811	Viton water seals Ø22	1
2820	Kit for up to 180° F Ø20 High Temp	1
1837	Rail Kit 5/8" - 2 Rails & 4 Bolts	1
2633	Rail Kit 1-3/4" - 2 Rails & 4 Bolts	1
2633H	Rail Kit 2-5/8" - 2 Rails & 4 Bolts	1

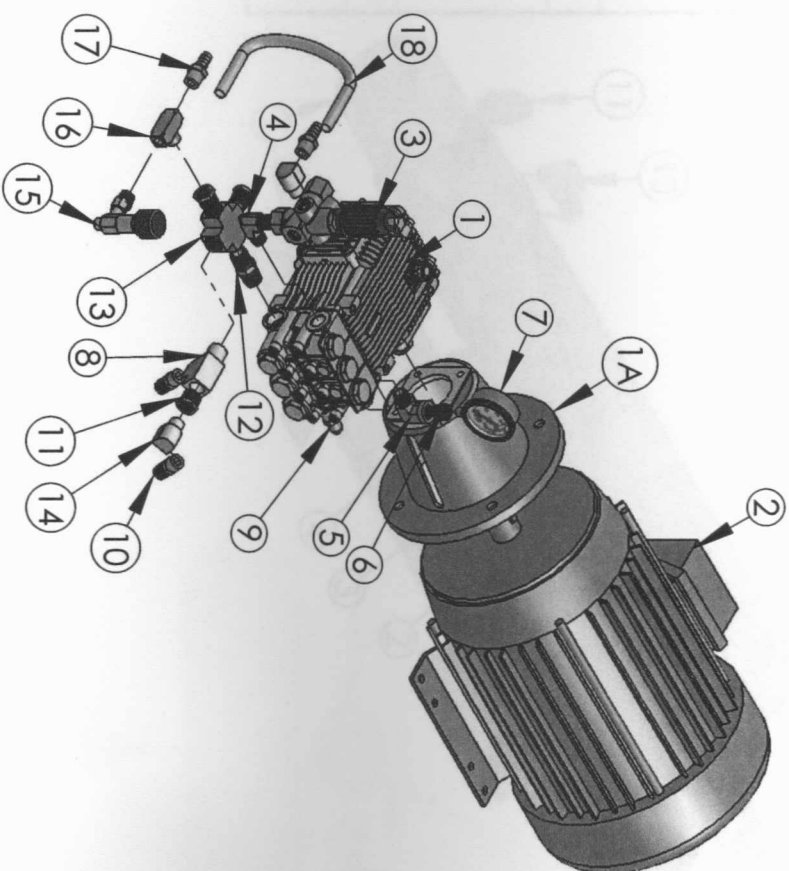
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ITEM NO.	NUMBER	DESCRIPTION	QTY.
1	PM00705 PUMP	3.5GPM 3000PSI	1
1A	PM00721	Mounting Flange	1
2	MT00143	2HP 208-230/460 1800 3PH 60HZ C-I	1
3	FT00150	UNLOADER 7.8GPM 3650PSI	1
4	FT00545	3/8" ELBOW M X M	1
5	FT00548	3/8" REDUCING STREET ELBOW	1
6	FT00526	3/8 X 1/4 BUSHING	1
7	FT00132	5000# GAUGE	1
8	FT00629	1/2" STREET TEE	2
9	FT00178	THERMAL RELIEF	1
10	FT00254	SUCTION RESTRICTOR	2
11	FT00503	1/2 TO 3/8 BUSHING	3
12	FT00603	1/2" HEX NIPPLE	1
13	FT00534	1/2" CROSS	1
14	FT00541	3/8" STREET ELBOW	2
15	EC00232	CHEMICAL METERING VALVE	1
16	FT00538	3/8" F x 3/8" M x 3/8" F Tee	1
17	FT00569	3/8 X 3/8 HOSE BARB	2
18	AC00403	3/8" PLASTIC HOSE	1



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