

PARTS MANUAL



MULTIQUIP

MODELS ST-2005TCUL/ST-2010TCUL

SUBMERSIBLE TRASH

PUMPS

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Revision #1 (11/25/02)



MULTIQUIP INC.

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PARTS DEPARTMENT:

800-427-1244
FAX: 800-672-7877

SERVICE DEPARTMENT/TECHNICAL ASSISTANCE:

800-478-1244
FAX: 310-631-5032

HERE'S HOW TO GET HELP

*PLEASE HAVE THE MODEL AND SERIAL NUMBER
ON-HAND WHEN CALLING*

PARTS DEPARTMENT

800/427-1244 or 310/537-3700

FAX: 800/672-7877 or 310/637-3284

SERVICE DEPARTMENT

800/478-1244 or 310/537-3700

FAX: 310 - 537-4259

WARRANTY DEPARTMENT

800/421-1244, EXT. 279 or 310/537-3700

FAX: 310 - 537-1173

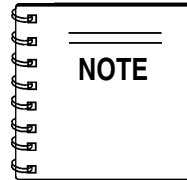
MAIN

800/421-1244 or 310/537-3700

FAX: 310 - 537-3927

ST-2005TCUL/ST-2010TCUL Submersible Trash Pumps

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*Specification and part number
are subject to change without
notice.*

PARTS ORDERING PROCEDURES

- Dealer account number
- Dealer name and address
- Shipping address (if different than billing address)
- Return fax number
- Applicable model number
- Quantity, part number and description of each part
- Specify preferred method of shipment:
 - UPS Ground
 - UPS Second Day or Third Day*
 - UPS Next Day*
 - Federal Express Priority One (please provide us with your Federal Express account number)*
 - Airborne Express*
 - Truck or parcel post

**Normally shipped the same day the order is received, if prior to 2PM west coast time.*

Earn Extra Discounts when you order by FAX!

All parts orders which include complete part numbers and are received by fax qualify for the following extra discounts:

<u>Number of line items ordered</u>	<u>Additional Discount</u>
1-9 items	3%
10+ items**	5%

Get special freight allowances when you order 10 or more line items via FAX!**

- UPS Ground Service at no charge for freight
- UPS Third Day Service at one-half of actual freight cost

No other allowances on freight shipped by any other carrier.

**Common nuts, bolts and washers (all items under \$1.00 list price) do not count towards the 10+ line items.

DISCOUNTS ARE SUBJECT TO CHANGE

Fax order discount and UPS special programs revised June 1, 1995

**Extra Fax Discount
for Domestic USA
Dealers Only**

**Up to 5%
extra savings!**

**UPS
Special**
For faxed orders only

**Now! Direct TOLL-FREE access
to our Parts Department!**

Toll-free nationwide:

800-421-1244

Toll-free FAX:

800/6-PARTS-7 • 800-672-7877

Table 1 Specifications

Model Trash Pump	Impeller	Disc Size in (mm)	Max Solids in. (mm.)	Total Head ft. (m)	Capacity GPM (lpm)	HP (kw)	Voltage Phase	Start Amps	Run Amps	Thermal Overload Protection	Cable Length ft. (cm)	Diameter in. (cm.)	Height in. (cm.)	Weight lbs. (kg.)
ST-2005TCUL	Cast Iron Ductile	2 (51)	1 (25)	34 (10.3)	72 (273)	.5 (.37)	1Ø 115V	25	6.2	YES	25 (7.6)	10.3 (26.7)	17 (43)	57 (26)
ST-2010TCUL	Cast Iron Ductile	2 (51)	1 (25)	45 (13.7)	95 (360)	.1 (.75)	1Ø 115V	53	9.4	YES	50 (15.2)	10.3 (26.7)	22.7 (57.6)	77 (35)

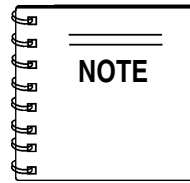
EXPLANATION OF CODE IN REMARKS COLUMN

How to read the marks and remarks used in this parts book.

Items Found In the “Remarks” Column

Serial Numbers-Where indicated, this indicates a serial number range (inclusive) where a particular part is used.

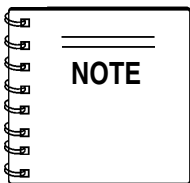
Model Number-Where indicated, this shows that the corresponding part is utilized only with this specific model number or model number variant.



The contents of this catalog are subject to change without notice.

Items Found In the “Items Number” Column

All parts with same symbol in the number column, *, #, +, %, or ■, belong to the same assembly or kit.



If more than one of the same reference number is listed, the last one listed indicates newest (or latest) part available.

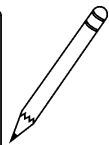
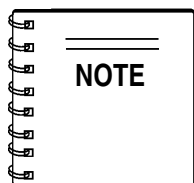
ST-2005TCUL/ST-2010TCUL — SUGGESTED SPARE PARTS

ST-2005TCUL SUBMERSIBLE TRASH PUMP 1 TO 3 UNITS

Qty.	P/N	Description
1	0202005T120	ACCORD WITH GLAND
1	0202005T081	OIL SEAL
1	0202005T112	OIL SEAL
1	0202005T008	PACKING, CASING
1	0202005T060	MECHANICAL SEAL
1	0202005T074	PACKING
1	0202005TCUL157	PACKING
1	020200ST003	IMPELLER

ST-2010TCUL SUBMERSIBLE TRASH PUMP 1 TO 3 UNITS

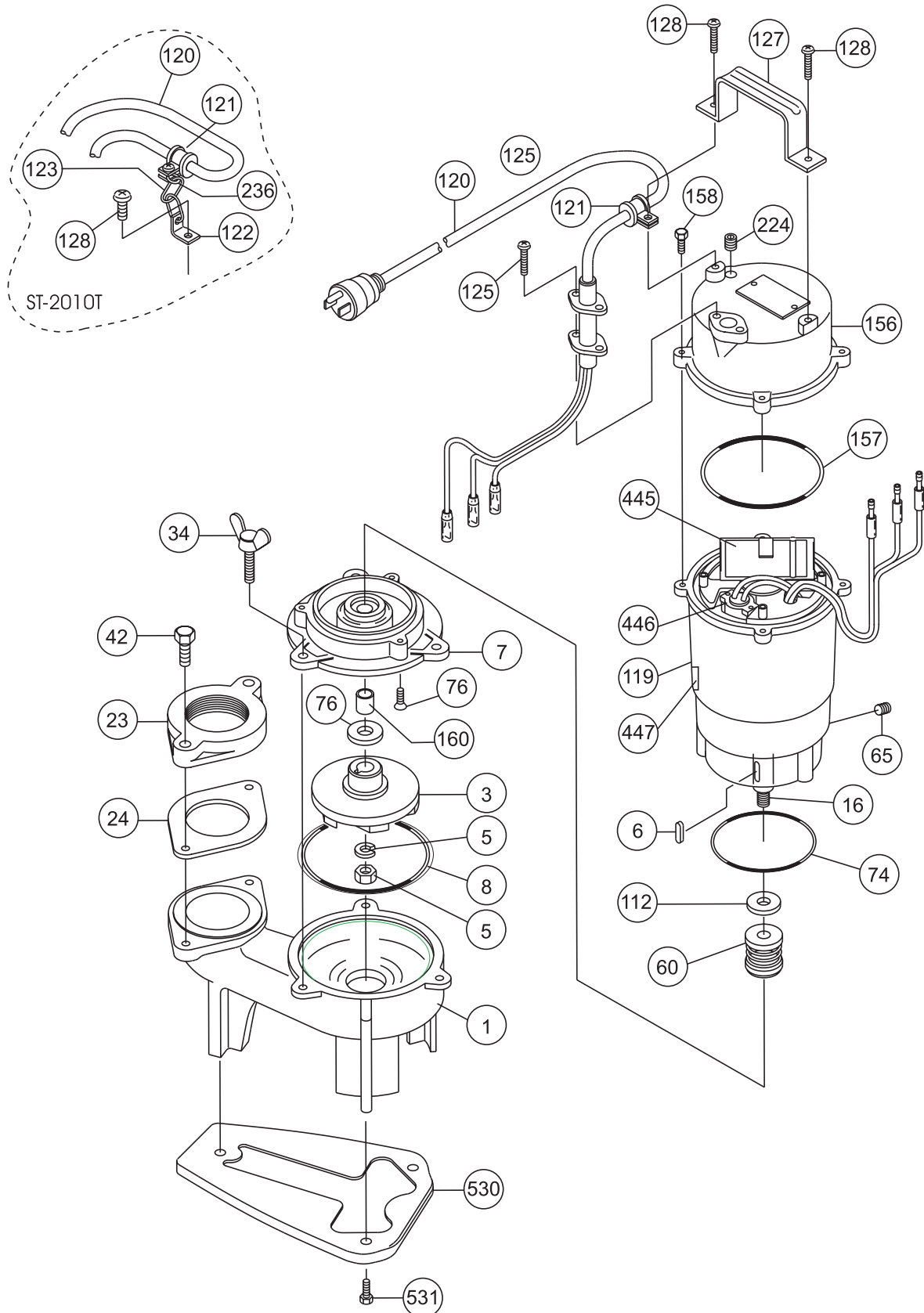
Qty.	P/N	Description
1	0202010T120	ACCORD WITH GLAND
1	0202010T081	OIL SEAL
1	0202010T112	OIL SEAL
1	0202010T008	PACKING, CASING
1	0202010T060	MECHANICAL SEAL
1	0202010T074	PACKING
1	0202010T157	PACKING
1	0202010T003	IMPELLER



Part number on this Suggested Spare Parts List may super cede/ replace the P/N shown in the text pages of this book.

ST-2005TCUL/ST-2010TCUL — SUBMERSIBLE TRASH PUMP ASSY.

ST-2005TCUL/ST-2010TCUL SUBMERSIBLE TRASH PUMP ASSY.



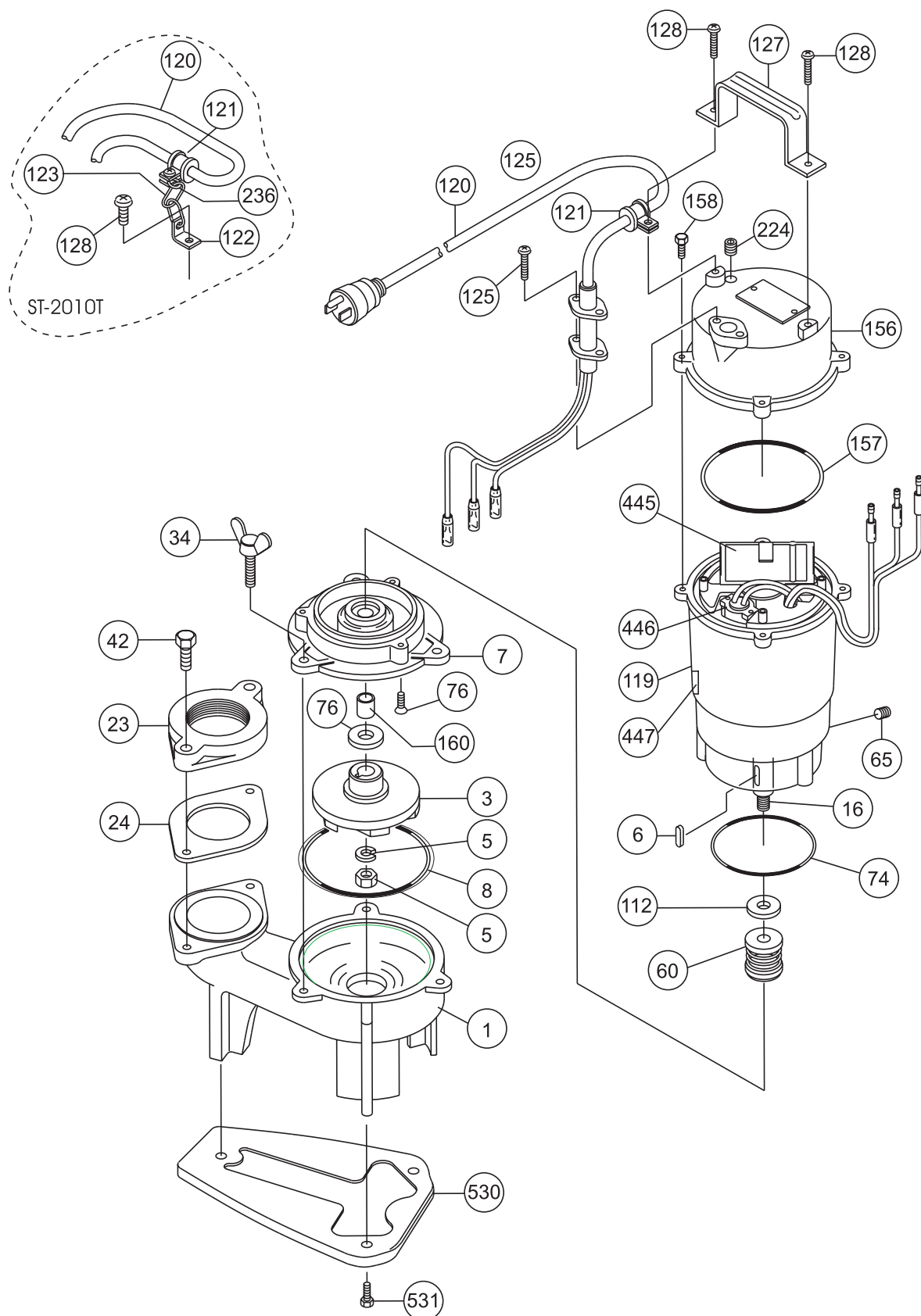
ST-2005TCUL/ST-2010TCUL — SUBMERSIBLE TRASH PUMP ASSY.

ST-2005TCUL/ST-2010CUL SUBMERSIBLE TRASH PUMP ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
1	0202005T001	CASING	1	
3	0202005T003	IMPELLER	1	ST-2005T ONLY
3	0202010T003	IMPELLER	1	ST-2010T ONLY
4	0202005T004	IMPELLER NUT	1	
5	0202005T005	SPRING WASHER	1	
6	0202005T006	IMPELLER KEY	1	
7	0202005T007	CASING COVER	1	ST-2005T ONLY
7	0202010T007	CASING COVER	1	ST-2010T ONLY
8	0202005T008	CASING PACKING	1	
16	0202005T016	SHAFT	1	ST-2005T ONLY
16	0202010T016	SHAFT	1	ST-2010T ONLY
23	0202005T023	COMPANION FLANGE	1	
24	0202005T024	PACKING	3	
34	0202005T034	BOLT	2	ST-2005T ONLY
42	0202005T042	BOLT	1	ST-2010T ONLY
60	0202005T060	MECHANICAL SEAL	1	
65	0202005T065	PLUG	1	
74	0202005T074	PACKING	1	ST-2005T ONLY
74	0202010T074	PACKING	1	ST-2010T ONLY
76	0202005T076	BOLT	3	ST-2005T ONLY
76	0202010T076	BOLT	4	ST-2010T ONLY
81	0202005T081	OIL SEAL	1	
112	0202005T081	OIL SEAL	1	ST-2005T ONLY
112	0202010T112	OIL SEAL	1	ST-2010T ONLY
119	0202005TCUL119	MOTOR	1	ST-2005T ONLY
119	0202010TCUL119	MOTOR	1	ST-2010T ONLY
120	0202005T120	AC CORD W/CORD GLAND	1	ST-2005T ONLY
120	0202010T120	AC CORD W/CORD GLAND	1	ST-2010T ONLY
121	0202005T121	CORD CLAMP	1	ST-2005T ONLY
121	0202010T121	CORD CLAMP	1	ST-2010T ONLY
122	0202010T122	HANGER METAL	1	ST-2010T ONLY
123	0202010T123	CHAIN	1	ST-2010T ONLY
125	0202005T125	SCREW	2	

ST-2005TCUL/ST-2010TCUL — SUBMERSIBLE TRASH PUMP ASSY.

ST-2005TCUL/ST-2010CUL SUBMERSIBLE TRASH PUMP ASSY.



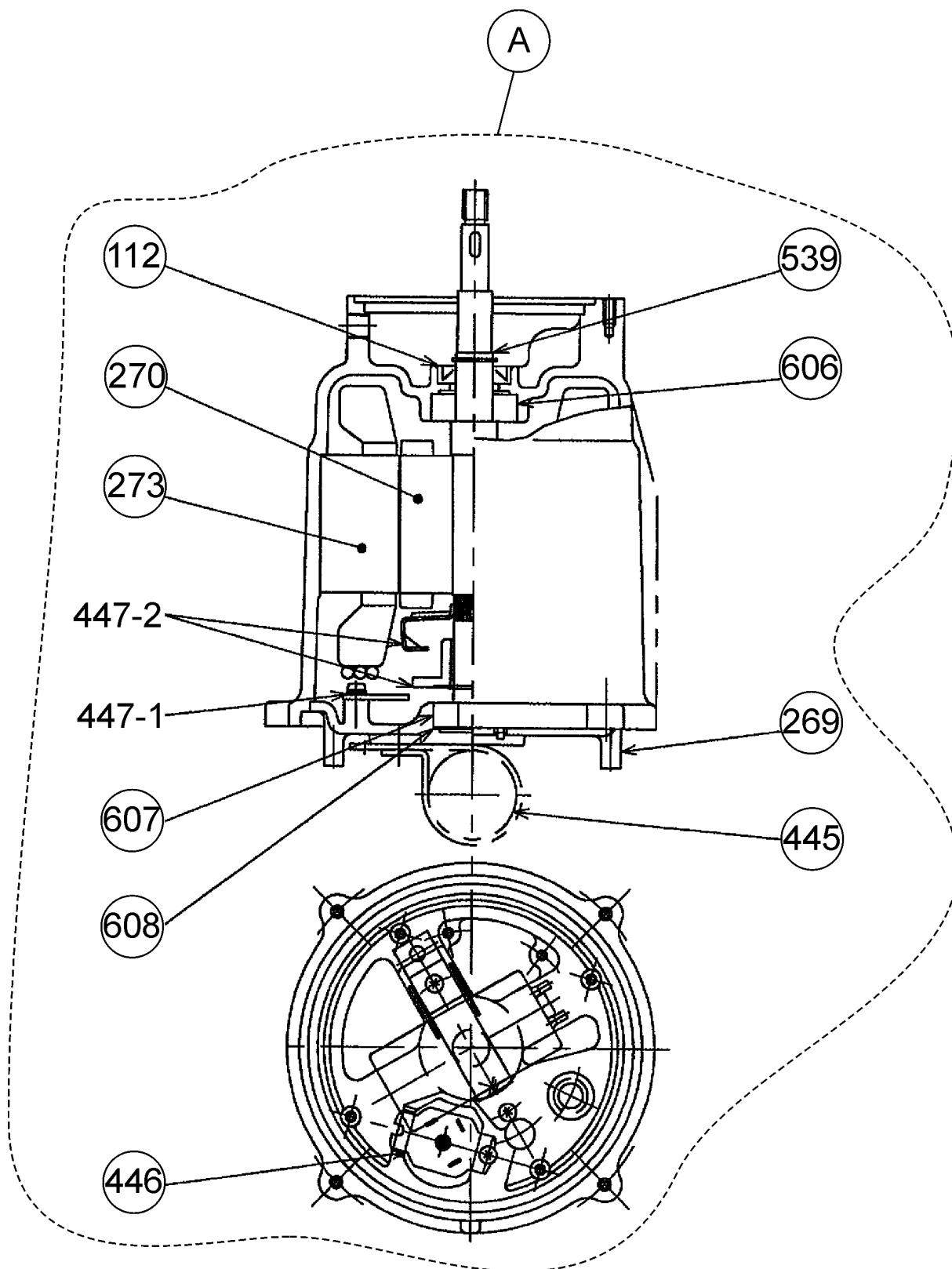
ST-2005TCUL/ST-2010TCUL — SUBMERSIBLE TRASH PUMP ASSY.

ST-2005TCUL/ST-2010CUL SUBMERSIBLE TRASH PUMP ASSY.

NO	PART NO	PART NAME	QTY.	REMARK
127	0202005T127	CARRYING HANDLE	1	ST-2005T ONLY
127	0202010T127	CARRYING HANDLE	1	ST-2010T ONLY
128	0202005T128	SCREW	2	ST-2005T ONLY
128	0202010T128	SCREW	2	ST-2010T ONLY
156	0202005T156	HEAD COVER	1	ST-2005T ONLY
156	0202010T156	HEAD COVER	1	ST-2010T ONLY
157	0202005TCUL157	PACKING	1	ST-2005T ONLY
157	0202010T157	PACKING	1	ST-2010T ONLY
158	0202005T158	BOLT	4	ST-2005T ONLY
158	0202010T158	BOLT	4	ST-2010T ONLY
160	0202005T160	SLEEVE	1	
224	0202005T224	PLUG	1	
236	0202010T236	S-TIP	1	ST-2010T ONLY
445	0202005T445	CONDENSER STARTING	1	ST-2005T ONLY
445	0202010T4551	CONDENSER STARTING	1	ST-2010T ONLY
445	0202010T4552	CONDENSER RUNNING	1	ST-2010T ONLY
446	0202005T446	AUTO-CUT (PROTECTOR)	1	ST-2005T ONLY
446	0202010T446	AUTO-CUT (PROTECTOR)	1	ST-2010T ONLY
447	0202005T447	CENTRIFUGAL SWITCH	1	ST-2005T ONLY
447	0202010T447	CENTRIFUGAL SWITCH	1	ST-2010T ONLY
530	0202005T530	BOTTOM PLATE	1	ST-2005T ONLY
531	0202005T531	BOLT	3	ST-2010T ONLY

ST-2005TCUL— ELECTRIC MOTOR ASSY.

ST-2005TCUL ELECTRIC MOTOR ASSY.



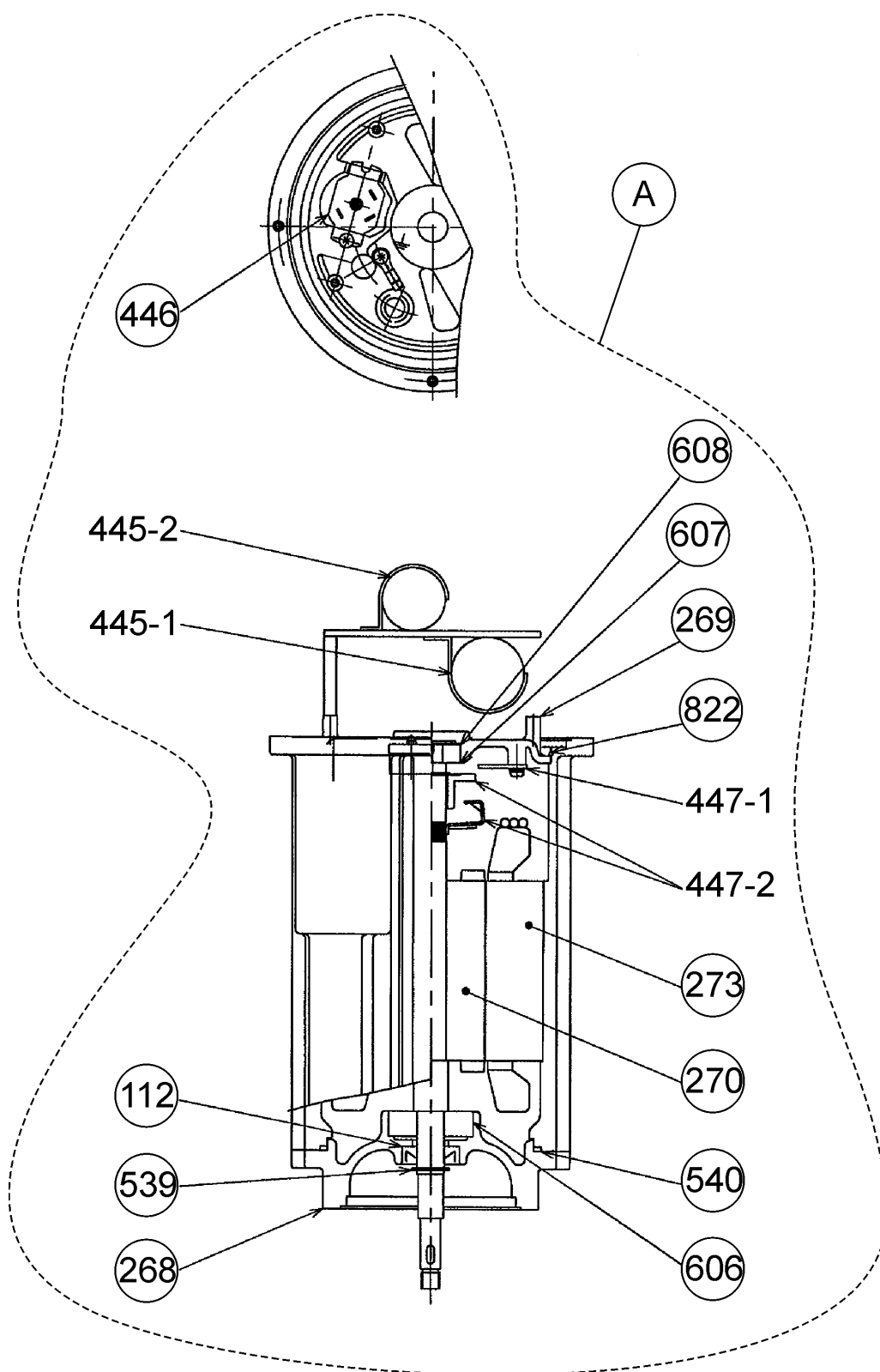
ST-2005TCUL — ELECTRIC MOTOR ASSY.

ST-2005TCUL ELECTRIC MOTOR ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
112*	0202005T112	OIL SEAL	1	
269*	0202005T269CUL	MOTOR B BRACKET	1	
270*	0202005T270	MOTOR ROTOR	1	
273*	0202005T273	MOTOR STATOR	1	
445*	0202005T445	CONDENDER (STARTING)	1	
446*	0202005T446	AUTO-CUT (PROTECTOR)	1	
447-1*	0202005T4471	CENTRIFUGAL SWITCH-1	1	
447-2*	0202005T4472	CENTRIFUGAL SWITCH-2	1	
539*	0202005T539	SNAP RING	1	
606*	0202005T606	MOTOR A BEARING	1	
607*	0202005S607	MOTOR B BEARING	1	
608*	0202005T608	WAVE WASHER	1	
A	0202005T119	MOTOR ASSEMBLY	1	INCLUDES ITEMS W/*

ST-2010TCUL— ELECTRIC MOTOR ASSY.

ST2010TCUL ELECTRIC MOTOR ASSY.



ST-2010TCUL— ELECTRIC MOTOR ASSY.

ST2010TCUL ELECTRIC MOTOR ASSY.

<u>NO</u>	<u>PART NO</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
112*	0202010T112	OIL SEAL	1	
268*	0202010T268	MOTOR A BRACKET	1	
269*	0202010T269	MOTOR B BRACKET	1	
270*	0202010T270	MOTOR ROTOR	1	
273*	0202010T273	MOTOR STATOR	1	
445-1*	0202010T4451	CONDENSER (STARTING)	1	
445-2*	0202010T4452	CONDENSER (RUNNING)	1	
446*	0202010T446	AUTO-CUT (PROTECTOR)	1	
447-1*	0202010T4471	CENTRIFUGAL SWITCH-1	1	
447-2*	0202010T4472	CENTRIFUGAL SWITCH-2	1	
539*	0202010T539	SNAP RING	1	
540*	0202010T540	A PACKING	1	
606*	0202010T606	MOTOR A BEARING	1	
607*	0202010S607	MOTOR B BEARING	1	
608*	0202010T608	WAVE WASHER	1	
822*	0202010T822	BRACKET RING	1	
A	0202010T119	MOTOR ASSEMBLY	1	INCLUDES ITEMS W/*

PAYMENT TERMS

Terms of payment for parts are net 10 days.

FREIGHT POLICY

All parts orders will be shipped collect or prepaid with the charges added to the invoice. All shipments are F.O.B. point of origin. Multiquip's responsibility ceases when a signed manifest has been obtained from the carrier, and any claim for shortage or damage must be settled between the consignee and the carrier.

MINIMUM ORDER

The minimum charge for orders from Multiquip is \$15.00 net. Customers will be asked for instructions regarding handling of orders not meeting this requirement.

RETURNED GOODS POLICY

Return shipments will be accepted and credit will be allowed, subject to the following provisions:

1. A Returned Material Authorization must be approved by Multiquip prior to shipment.
2. To obtain a Return Material Authorization, a list must be provided to Multiquip Parts Sales that defines item numbers, quantities, and descriptions of the items to be returned.
 - a. The parts numbers and descriptions must match the current parts price list.
 - b. The list must be typed or computer generated.
 - c. The list must state the reason(s) for the return.
 - d. The list must reference the sales order(s) or invoice(s) under which the items were originally purchased.
 - e. The list must include the name and phone number of the person requesting the RMA.
3. A copy of the Return Material Authorization must accompany the return shipment.
4. Freight is at the sender's expense. All parts must be returned freight prepaid to Multiquip's designated receiving point.

5. Parts must be in new and resalable condition, in the original Multiquip package (if any), and with Multiquip part numbers clearly marked.

6. The following items are not returnable:

- a. Obsolete parts. (If an item is in the price book and shows as being replaced by another item, it is obsolete.)
- b. Any parts with a limited shelf life (such as gaskets, seals, "O" rings, and other rubber parts) that were purchased more than six months prior to the return date.
- c. Any line item with an extended dealer net price of less than \$5.00.
- d. Special order items.
- e. Electrical components.
- f. Paint, chemicals, and lubricants.
- g. Decals and paper products.
- h. Items purchased in kits.

7. The sender will be notified of any material received that is not acceptable.

8. Such material will be held for five working days from notification, pending instructions. If a reply is not received within five days, the material will be returned to the sender at his expense.

9. Credit on returned parts will be issued at dealer net price at time of the original purchase, less a 15% restocking charge.

10. In cases where an item is accepted, for which the original purchase document can not be determined, the price will be based on the list price that was effective twelve months prior to the RMA date.

11. Credit issued will be applied to future purchases only.

PRICING AND REBATES

Prices are subject to change without prior notice. Price changes are effective on a specific date and all orders received on or after that date will be billed at the revised price. Rebates for price declines and added charges for price increases will not be made for stock on hand at the time of any price change.

Multiquip reserves the right to quote and sell direct to Government agencies, and to Original Equipment Manufacturer accounts who use our products as integral parts of their own products.

SPECIAL EXPEDITING SERVICE

A \$35.00 surcharge will be added to the invoice for special handling including bus shipments, insured parcel post or in cases where Multiquip must personally deliver the parts to the carrier.

LIMITATIONS OF SELLER'S LIABILITY

Multiquip shall not be liable hereunder for damages in excess of the purchase price of the item with respect to which damages are claimed, and in no event shall Multiquip be liable for loss of profit or good will or for any other special, consequential or incidental damages.

LIMITATION OF WARRANTIES

No warranties, express or implied, are made in connection with the sale of parts or trade accessories nor as to any engine not manufactured by Multiquip. Such warranties made in connection with the sale of new, complete units are made exclusively by a statement of warranty packaged with such units, and Multiquip neither assumes nor authorizes any person to assume for it any other obligation or liability whatever in connection with the sale of its products. Apart from such written statement of warranty, there are no warranties, express, implied or statutory, which extend beyond the description of the products on the face hereof.

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PARTS DEPARTMENT

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FAX: 310 - 537-4259

WARRANTY DEPARTMENT

800/421-1244, EXT. 279 or 310/537-3700

FAX: 310 - 537-1173

MAIN

800/421-1244 or 310/537-3700

FAX: 310 - 537-3927



MULTIQUIP INC.

POST OFFICE BOX 6254

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