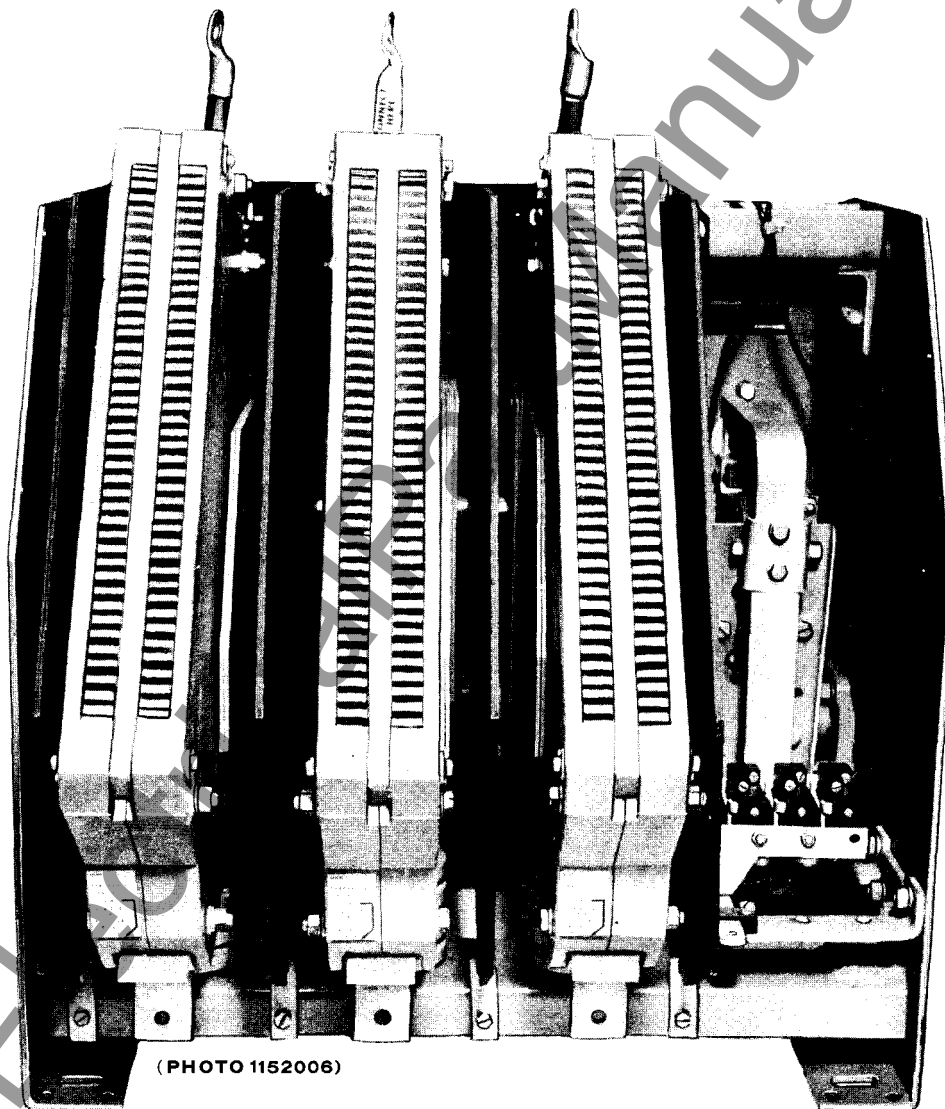


RENEWAL PARTS

47 = coil.

BA47

IC2812-E100A, -E100B, -E100C, -E100D, -E101A,
-E101B, -E101C, AND -E101D CONTACTORS



(PHOTO 1152006)

IC2812-E100B contactor

When ordering renewal parts, give quantity, catalog number, description of each item required, and complete nameplate reading.

GENERAL  **ELECTRIC**

TO HELP YOU ORDER

FORMS COVERED—When a bulletin covers several forms or models, the parts required for each are shown by the quantities listed in the applicable form-letter column. Be sure you use the column with the form letters matching your nameplate.

QUANTITY REQUIRED—The quantity listed in the number-required column is the total required for one device.

INDENTATIONS—Indentations are used in description columns to indicate the parts of an assembly that can be furnished separately. When the catalog number of an assembly is ordered, all of the parts indented under the assembly listing will be furnished. Parts not individually identified will not be furnished.

SPARES—A list of "Parts Recommended for Normal Stock" is provided to aid you in selecting the parts most subject to wear or burning.

INDEX—Some bulletins provide an index of catalog numbers which lists parts numerically and shows the page on which each appears. This index can also be used to identify parts you already have in stock.

FORMS NOT COVERED—If a bulletin does not list the form letters stamped in the nameplate, you can still order parts required by giving (1) reference number of part, (2) description of part, (3) bulletin (GEF) number, and (4) complete nameplate identification of your device. When ordering parts for a form not listed in the bulletin, do NOT use a catalog number.

INCLUDE IN EVERY ORDER: quantity required, catalog number, description, and complete nameplate identification.

PARTS RECOMMENDED FOR NORMAL STOCK

Fig. No.	Ref. No.	Number Required for IC2812-								Catalog Number	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
1, 2	1	1	1	1	1	2	2	2	2	-----	Operating coil (see table below)
8	11	3	3	3	3	3	3	3	3	9645809	Main movable contact tip
5	18	3	3	3	3	3	3	3	3	9645809	Main stationary contact tip
		3	3	3	3	3	3	3	3	6960053G3	Set of movable and stationary contacts with springs and contact holding screws, for interlock
8	2	3	3	3	3	3	3	3	3	2416875	Compression spring for main movable contact
2	12	-	-	-	-	1	1	1	1	574A701	Tension spring for armature
6	5	3	3	3	3	3	3	3	3	393B425G2	Shunt assembly
7	2	6	6	6	6	6	6	6	6	9348699G2	Arc chute side

OPERATING COILS

NOTE:- The last number in the IC designation is the operating coil number.

EXAMPLE:- IC2812-E100A2 requires operating coil number 2, Cat. No. 1D300G2.

Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

For IC2812-E100A, -E100B, -E100C, and -E100D
Fig. 1, Ref. 1 (1 Required)

2	1D300G2	12	1D300G12	21	1D300G19	31	1D300G26	42	1D300G31
3	1D300G3	13	1D300G13	22	1D300G20	32	1D300G27	45	1D300G32
4	1D300G4	14	1D300G14	23	1D300G13	33	1D300G8	46	1D300G33
5	1D300G5	15	1D300G3	24	1D300G21	34	1D300G22	47	1D300G24
6	1D300G6	16	1D300G4	25	1D300G22	35	1D300G28	48	1D300G34
7	1D300G7	17	1D300G15	26	1D300G23	38	1D300G29	49	1D300G35
8	1D300G8	18	1D300G16	28	1D300G23	39	1D300G7	50	1D300G36
9	1D300G9	19	1D300G17	29	1D300G24	40	1D300G3	51	1D300G33
10	1D300G10	20	1D300G18	30	1D300G25	41	1D300G30	52	1D300G35
11	1D300G11								

IC2812 CONTACTORS

GEF.4016A

OPERATING COILS (CONT'D)

Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.	Coil No.	Cat. No.
For IC2812-E101A, -E101B, -E101C, and -E101D Fig. 2, Ref. 1 (2 Required)									
2	22D95G31	4	22D95G32	6	22D95G32	16	22D95G28	--	-----
3	22D95G31	5	22D95G32	15	22D95G30	20	22D95G29	--	-----

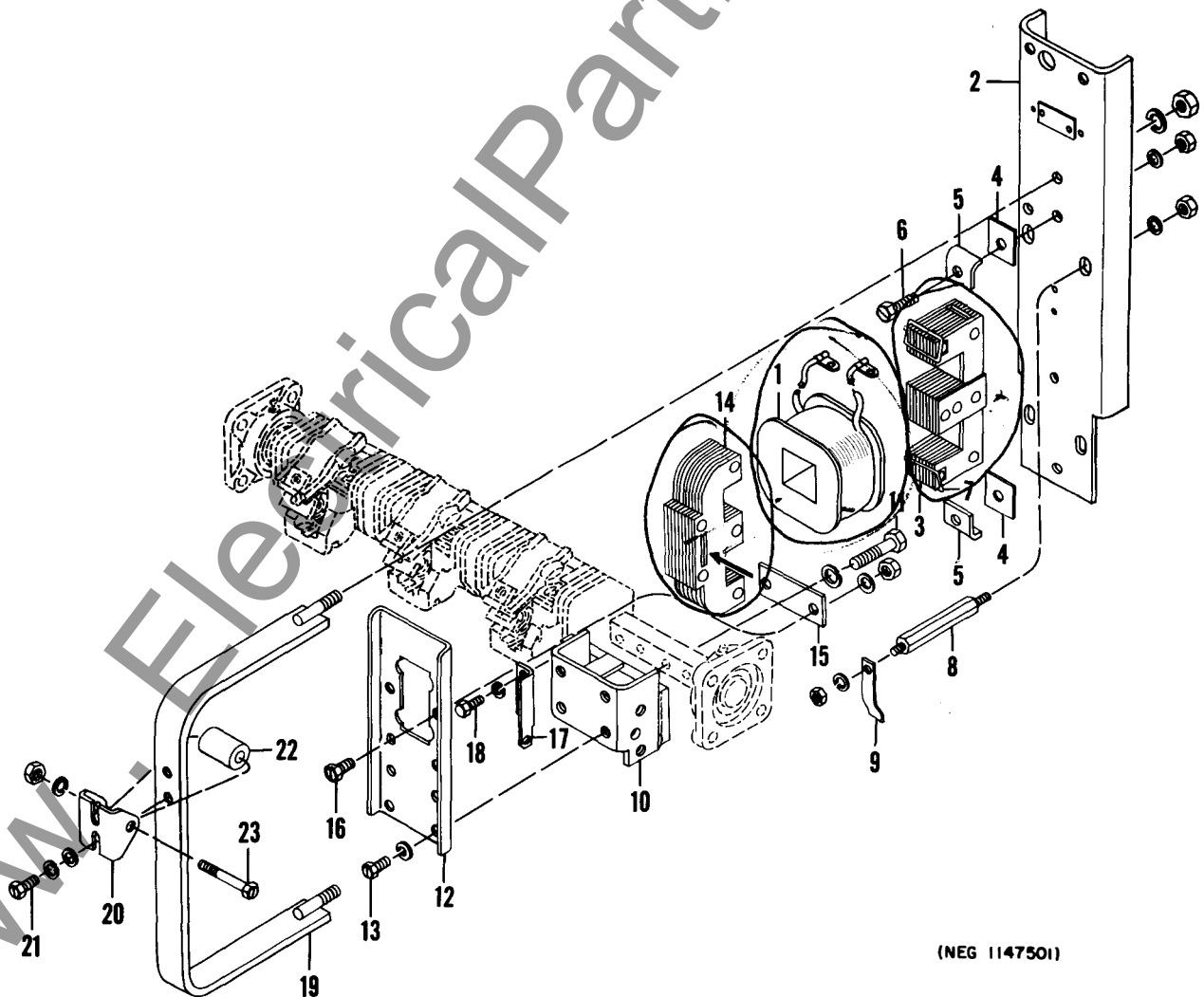
COMPLETE LIST OF PARTS

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		

AC ARMATURE AND OPERATING COIL (FIG. 1)

1	2	1	1	1	1	-	-	-	-	9348659P2	Support for magnet frame
1	3	1	1	1	1	-	-	-	-	233B523G1	Magnet frame ← <i>needed</i>
1	4	§	§	§	§	-	-	-	-	9644367P1	Shim for magnet frame (0.030 in. thick)
1	4	§	§	§	§	-	-	-	-	9644367P2	Shim for magnet frame (0.010 in. thick)

§ Quantity variable.



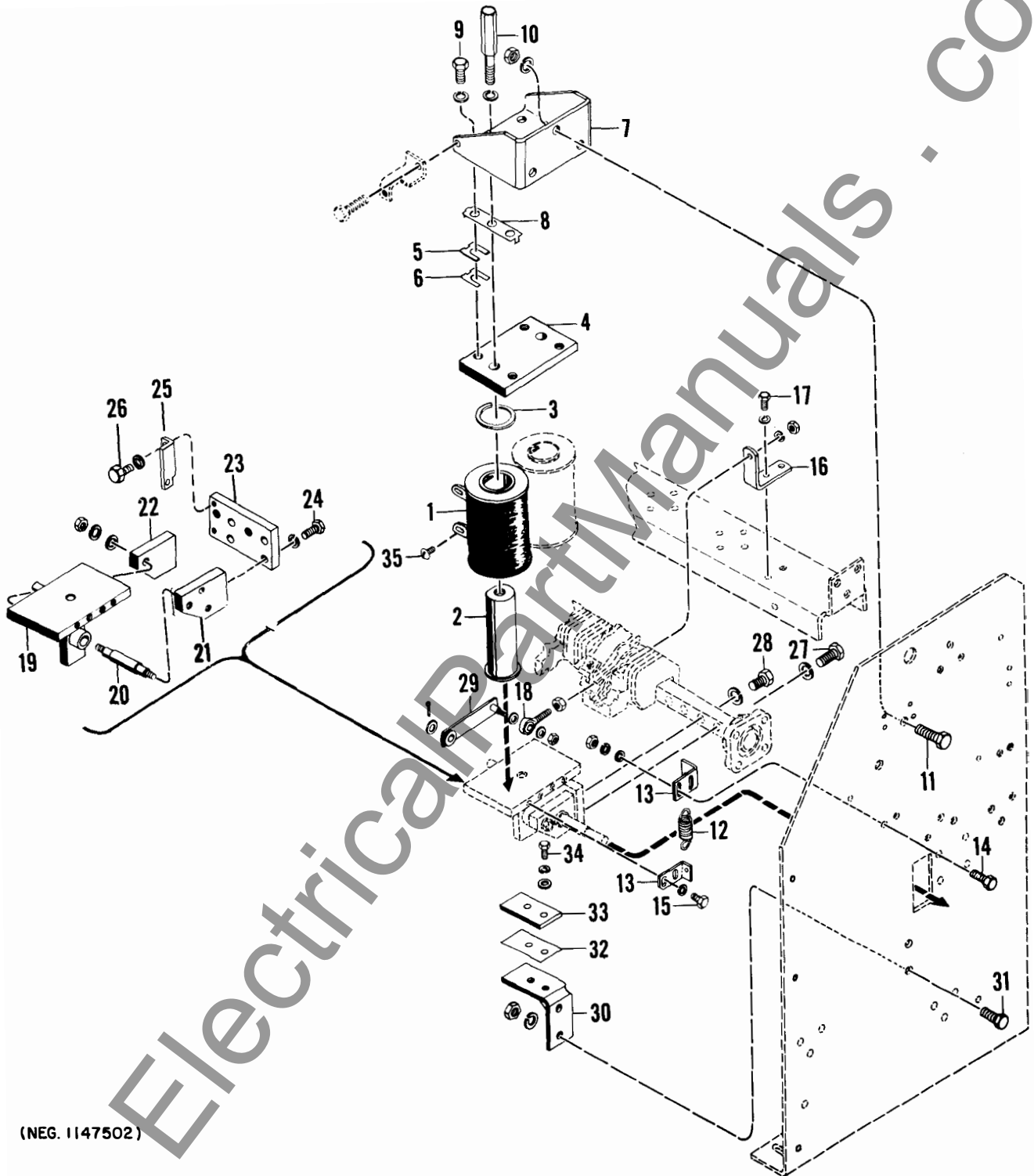
(NEG 1147501)

Fig. 1. A-c armature and operating coil

IC2812 CONTACTORS

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
AC ARMATURE AND OPERATING COIL (FIG. 1) (CONT'D)											
1	5	2	2	2	2	-	-	-	-	284A950	Clamp for magnet frame
1	6	2	2	2	2	-	-	-	-	N22P25024B	Clamping screw for magnet frame (3/8 in.-16, 1 1/2 in. hex. hd. pro. fin.)
1	7	2	2	2	2	-	-	-	-	284A962	Pole shaver for magnet frame
1	8	2	2	2	2	-	-	-	-	9385862P4	Stud for magnet coil holding spring
1	9	2	2	2	2	-	-	-	-	284A967	Holding spring for magnet coil
1	10	1	1	1	1	-	-	-	-	9348661G1	Support assembly for armature
1	11	4	4	4	4	-	-	-	-	N22P29032B	Screw fastening armature support to main shaft (1/2 in.-13, 2 in. hex. hd. pro. fin.)
1	12	1	1	1	1	-	-	-	-	284A963P1	Bracket for armature
1	13	4	4	4	4	-	-	-	-	N22P25008B	Screw fastening armature bracket to support (3/8 in.-16, 1/2 in. hex. hd. pro. fin.)
1	14	1	1	1	1	-	-	-	-	233B523G2	Armature assembly
1	15	1	1	1	1	-	-	-	-	284A964	Fulcrum for armature
1	16	2	2	2	2	-	-	-	-	N22P25012B	Screw fastening fulcrum to armature bracket (3/8 in.-16, 3/4 in. hex. hd. pro. fin.)
1	17	1	1	1	1	-	-	-	-	9348678P2	Operating arm for interlock
1	18	2	2	2	2	-	-	-	-	N26P23008B	Screw fastening interlock operating arm to armature support (5/16 in.-18, 1/2 in. hex. hd. slot, pro. fin.)
1	19	1	1	1	1	-	-	-	-	9348650G1	Stop assembly for armature
1	20	1	1	1	1	-	-	-	-	9348650P4	Yoke for armature stop assembly
1	21	2	2	2	2	-	-	-	-	N26P23012B	Screw fastening yoke to armature stop assembly (5/16 in.-18, 3/4 in. hex. hd. slot, pro. fin.)
1	22	1	1	1	1	-	-	-	-	9385863P3	Armature stop
1	23	1	1	1	1	-	-	-	-	N22P25040B	Screw fastening armature stop to yoke (3/8 in.-16, 2 1/2 in. hex. hd. pro. fin.)
DC ARMATURE AND OPERATING COILS (FIG. 2)											
2	2	-	-	-	-	2	2	2	2	9605575G1	Magnet core for operating coil
2	3	-	-	-	-	2	2	2	2	8626009P5	Spring washer for magnet coil
2	4	-	-	-	-	1	1	1	1	9348674P1	Mounting plate for operating coils
2	5	-	-	-	-	\$	\$	\$	\$	9348674P3	Shim for mounting plate (0.062 in. thick)
2	6	-	-	-	-	\$	\$	\$	\$	9348674P2	Shim for mounting plate (0.015 in. thick)
2	7	-	-	-	-	1	1	1	1	9348679P1	Support for operating coils
2	8	-	-	-	-	2	2	2	2	9348674P6	Locking plate fastening shims in position
2	9	-	-	-	-	4	4	4	4	N22P29016B	Screw fastening locking plate and mounting plate to support (1/2 in.-13, 1 in. hex. hd. pro. fin.)
2	10	-	-	-	-	2	2	2	2	9385867P1	Stud for magnet core
2	11	-	-	-	-	3	3	3	3	N22P29020B	Screw fastening coil support to frame (1/2 in.-13, 1 1/4 in. hex. hd. pro. fin.)
2	12	-	-	-	-	1	1	1	1	574A701	Spring for armature
2	13	-	-	-	-	2	2	2	2	9605573P2	Upper or lower support for armature spring
2	14	-	-	-	-	2	2	2	2	N26P23012B	Screw fastening upper spring support to frame (5/16 in.-18, 3/4 in. hex. hd. slot, pro. fin.)
2	15	-	-	-	-	2	2	2	2	N26P23008B	Screw fastening lower spring support to armature (5/16 in.-18, 1/2 in. hex. hd. slot, pro. fin.)
2	16	-	-	-	-	1	1	1	1	9348675P6	Bracket for rod end bearing
2	17	-	-	-	-	2	2	2	2	N22P23010B	Screw fastening bearing bracket to channel (5/16 in.-18, 5/8 in. hex. hd. pro. fin.)
2	18	-	-	-	-	1	1	1	1	335X63	Rod end bearing
2	19	-	-	-	-	1	1	1	1	9348676G1	Armature assembly
2	20	-	-	-	-	1	1	1	1	9385867P2	Shaft for armature assembly
2	21	-	-	-	-	1	1	1	1	9348662P8	Arm linking armature to block, right-hand
2	22	-	-	-	-	1	1	1	1	9348662P4	Arm linking armature to block, left-hand

§ Quantity variable.



(NEG. 1147502)

Fig. 2. D-c armature and operating coils

IC2812 CONTACTORS

Fig. No.	Ref. No.	Number Required for IC2812-								Catalog Number	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
DC ARMATURE AND OPERATING COILS (FIG. 2) (CONT'D)											
2	23	-	-	-	-	1	1	1	1	9348662P5	Armature mounting block
2	24	-	-	-	-	4	4	4	4	N22P29020B	Screw fastening linking arm to mounting block (1/2 in. -13, 1 1/4 in. hex. hd. pro. fin.)
2	25	-	-	-	-	1	1	1	1	9348678P2	Arm for interlock link
2	26	-	-	-	-	2	2	2	2	N26P23008B	Screw fastening interlock arm to block (5/16 in. -18, 1/2 in. hex. hd. slot, pro. fin.)
2	27	-	-	-	-	2	2	2	2	N22P29040B	Screw fastening armature and mounting block to shaft (1/2 in. -13, 2 1/2 in. hex. hd. pro. fin.)
2	28	-	-	-	-	2	2	2	2	N22P29032B	Screw fastening armature and mounting block to shaft (1/2 in. -13, 2 in. hex. hd. pro. fin.)
2	29	-	-	-	-	1	1	1	1	9348675G1	Link assembly for armature
2	30	-	-	-	-	1	1	1	1	9348679P2	Support for armature stop
2	31	-	-	-	-	2	2	2	2	N22P29020B	Screw fastening support for armature stop to frame (1/2 in. -13, 1 1/4 in. hex. hd. pro. fin.)
2	32	-	-	-	-	§	§	§	§	9348677P4	Shim for armature stop
2	33	-	-	-	-	1	1	1	1	9385863P2	Stop for armature (fiber)
2	34	-	-	-	-	2	2	2	2	N26P23012B	Screw fastening armature stop and shim to support (5/16 in. -18, 3/4 in. hex. hd. slot, pro. fin.)
2	35	-	-	-	-	4	4	4	4	N144P16008C	Screw with lock washer for operating coil

ELECTRIC INTERLOCK ASSEMBLY (FIG. 3) 393B464G1 #49.00

3	1	3	3	3	3	3	3	3	3	142L274G3	Interlock (2 circuit)
		3	3	3	3	3	3	3	3	6960053G3	Set of movable and stationary contacts, springs and contact holding screws
3	12	3	3	3	3	3	3	3	3	393B462P2	Support for interlock
3	13	6	6	6	6	6	6	6	6	N57P15006B	Screw fastening interlock to support (8-32, 3/8 in. pan hd. pro. fin.)
3	14	1	1	1	1	1	1	1	1	393B462P1	Bracket for interlock supports
3	15	6	6	6	6	6	6	6	6	N57P15006B	Screw fastening interlock support to bracket (8-32, 3/8 in. pan hd. pro. fin.)
3	16	1	1	1	1	1	1	1	1	393B459P1	Support for bracket and door interlock
3	17	2	2	2	2	2	2	2	2	N26P21008B	Screw fastening bracket Cat. No. 393B462P1 to support Cat. No. 393B459P1 (1/4 in. -20, 1/2 in. hex. hd. slot, pro. fin.)
3	18	1	1	1	1	1	1	1	1	393B463G1	Operating link and bracket, for electric interlocks and door interlock
3	19	4	4	4	4	4	4	4	4	287A190P1	Guide for operating link

§ Quantity variable.

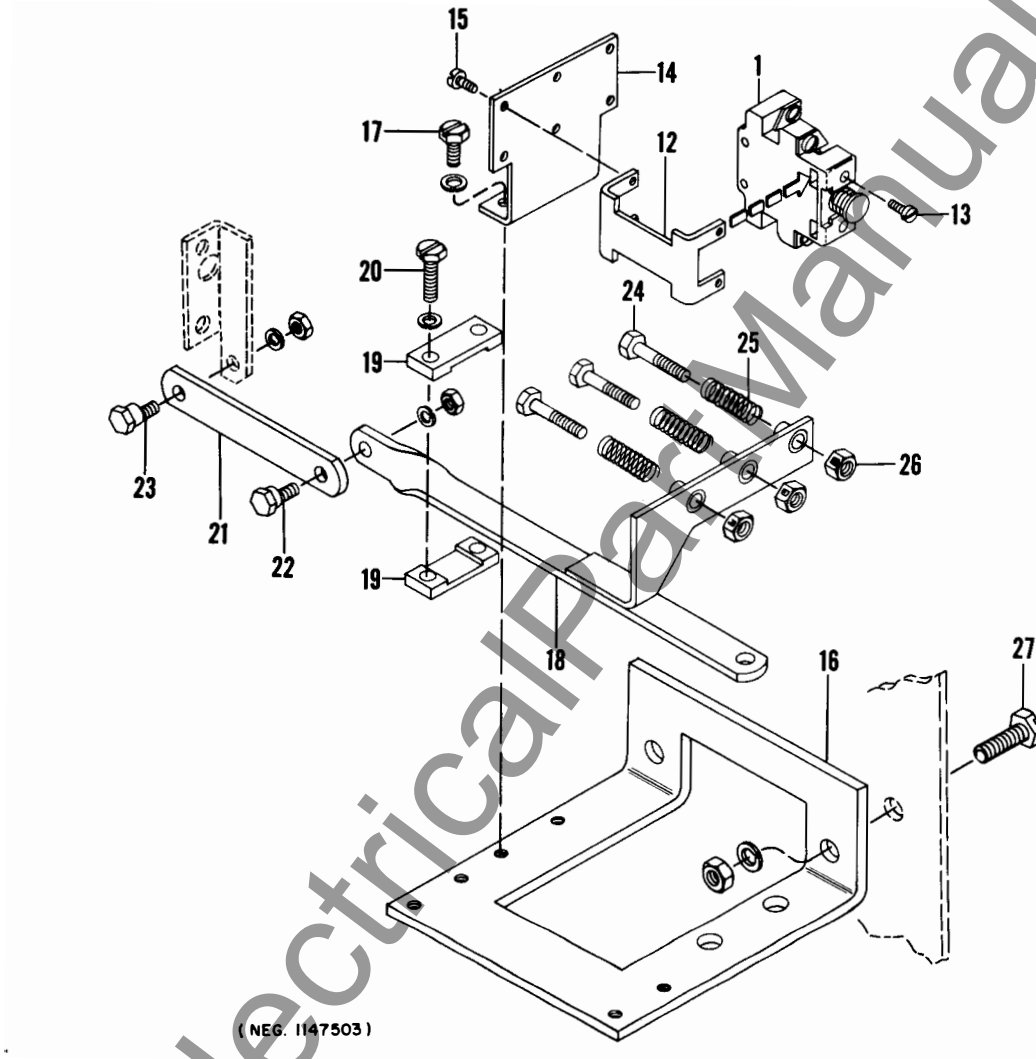


Fig. 3. Electric Interlock

IC2812 CONTACTORS

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
ELECTRIC INTERLOCK ASSEMBLY (FIG. 3) (CONT'D)											
3	20	4	4	4	4	4	4	4	4	N26P21014B	Screw fastening guides to support (1/4 in.-20, 7/8 in. hex. hd. slot, pro. fin.)
3	21	1	1	1	1	1	1	1	1	393B460P2	Arm between operating link and armature
3	22	1	1	1	1	1	1	1	1	9385862P3	Eccentric stud for operating link and arm
3	23	1	1	1	1	1	1	1	1	287A188P1	Link pin for arm
3	24	3	3	3	3	3	3	3	3	N24P21020B	Operating screw for interlock plunger (1/4 in.-20, 1 1/4 in. hex. hd. pro. fin.)
3	25	3	3	3	3	3	3	3	3	5144495	Compression spring for operating screw
3	26	3	3	3	3	3	3	3	3	5755152P1	Lock nut for operating screw
3	27	2	2	2	2	2	2	2	2	N22P25016B	Screw fastening electric interlock to right-hand frame (3/8 in.-16, 1 in. hex. hd. pro. fin.)

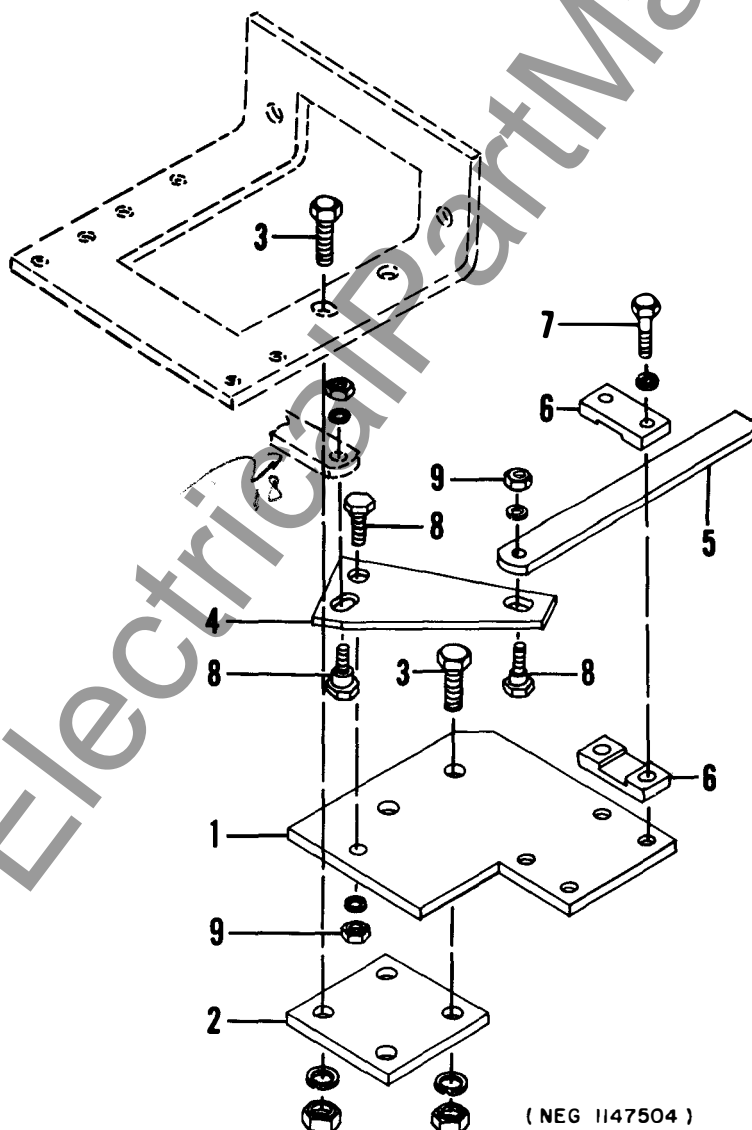


Fig. 4. Door Interlock

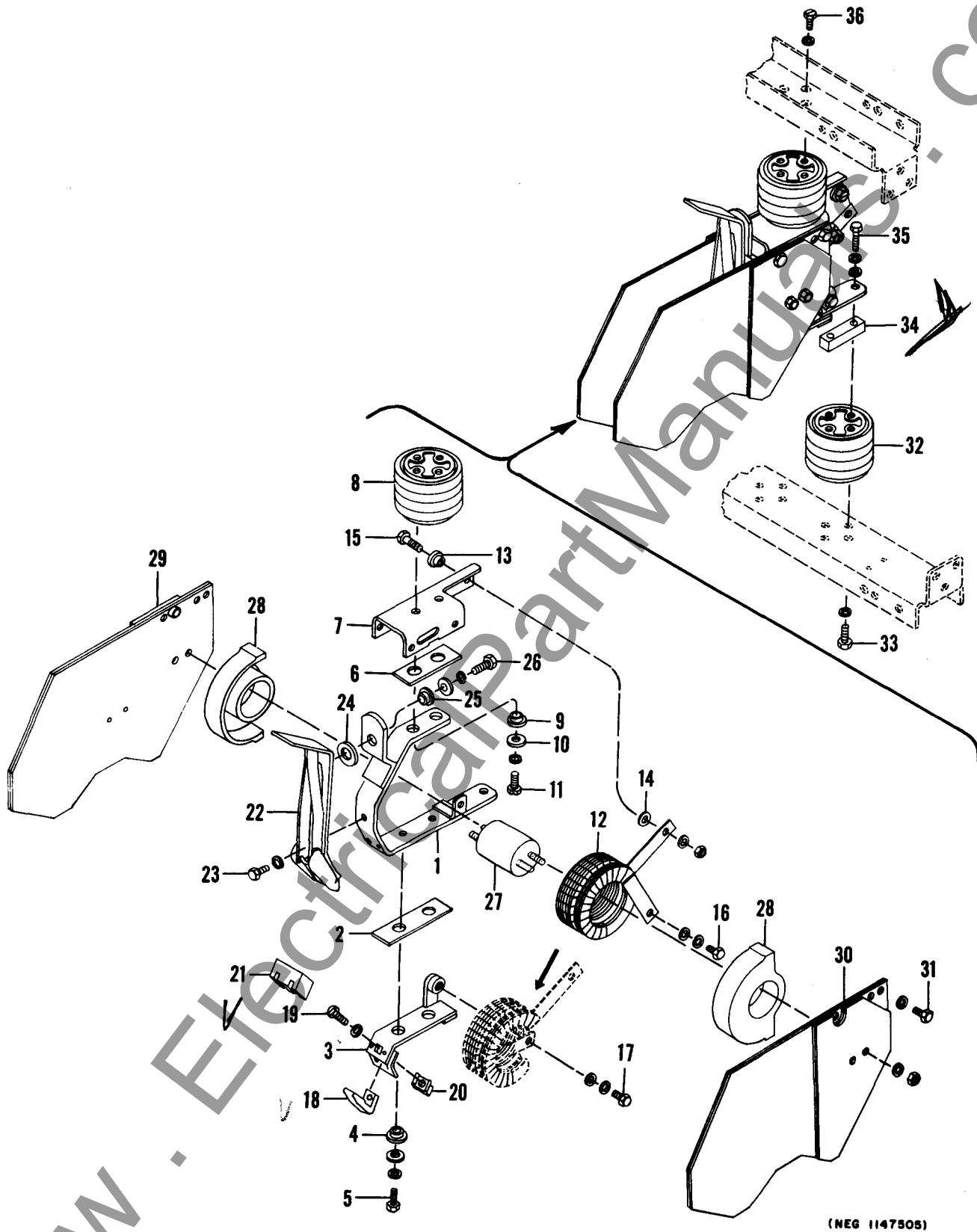
IC2812 CONTACTORS

GEF.4016A

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
DOOR INTERLOCK (FIG. 4)											
4	1	1	1	1	1	1	1	1	1	393B459P2	Base plate
4	2	1	1	1	1	1	1	1	1	393B459P3	Tie plate
4	3	4	4	4	4	4	4	4	4	N22P25016B	Screw fastening base plate to tie plate or tie plate to electric interlock (3/8 in. -16, 1 in. hex. hd. pro. fin.)
4	4	1	1	1	1	1	1	1	1	287A189P1	Bell crank
4	5	1	1	1	1	1	1	1	1	393B460P3	Disconnect arm
4	6	4	4	4	4	4	4	4	4	287A190P1	Guide for disconnect arm -
4	7	4	4	4	4	4	4	4	4	N26P21016B	Screw fastening guides to base plate (1/4 in. -20, 1 in. hex. hd. slot, pro. fin.)
4	8	3	3	3	3	3	3	3	3	287A188P1	Link pin
4	9	3	3	3	3	3	3	3	3	5755152P1	Lock nut for link pin

BLOWOUT ASSEMBLY AND STATIONARY CONTACT (FIG. 5)

5	1	3	3	3	3	3	3	3	3	9348687G1	Support assembly for blowout coil
5	2	3	3	3	3	3	3	3	3	9385869P2	Insulating spacer for support
5	3	3	3	3	3	3	3	3	3	8208410G1	Tip support assembly for stationary contact
5	4	6	6	6	6	6	6	6	6	9348685P2	Shouldered bushing insulator
5	5	6	6	6	6	6	6	6	6	N22P25016B	Screw fastening tip support and insulation to coil support (3/8 in. -16, 1 in. hex. hd. pro. fin.)
5	6	3	3	3	3	3	3	3	3	9385869P1	Insulation spacer for upper coil support
5	7	3	3	3	3	3	3	3	3	393B426P1	Upper coil support
5	8	3	3	3	3	3	3	3	3	226B799P1	Insulator
5	9	6	6	6	6	6	6	6	6	9348685P2	Shouldered bushing insulator
5	10	6	6	6	6	6	6	6	6	432249	Washer
5	11	6	6	6	6	6	6	6	6	N22P25020B	Screw fastening upper coil support and insulation to coil support assembly (3/8 in. -16, 1 1/4 in. hex. hd. pro. fin.)
5	12	3	3	3	3	3	3	3	3	393B427G1	Blowout coil assembly
5	13	3	3	3	3	3	3	3	3	9348685P2	Shouldered bushing insulator
5	14	3	3	3	3	3	3	3	3	287A184P1	Insulation spacer between coil support and blowout coil lead
5	15	3	3	3	3	3	3	3	3	N22P25032B	Screw fastening blowout coil to upper coil support (3/8 in. -16, 2 in. hex. hd. pro. fin.)
5	16	3	3	3	3	3	3	3	3	N22P25008B	Screw fastening blowout coil to coil support assembly (3/8 in. -16, 1/2 in. hex. hd. pro. fin.)
5	17	3	3	3	3	3	3	3	3	N22P25014B	Screw fastening blowout coil to tip support assembly (3/8 in. -16, 7/8 in. hex. hd. pro. fin.)
5	18	3	3	3	3	3	3	3	3	9645809	Stationary contact tip
5	19	3	3	3	3	3	3	3	3	N26P23020B	Screw fastening stationary contact tip to support (5/16 in. -18, 1 1/4 in. hex. hd. slot, pro. fin.)
5	20	3	3	3	3	3	3	3	3	9752489P5	Nut retainer
5	21	3	3	3	3	3	3	3	3	5757099P1	Arc deflector
5	22	3	3	3	3	3	3	3	3	173C762P1	Arcing horn
5	23	3	3	3	3	3	3	3	3	N22P23010B	Screw fastening arcing horn to support (5/16 in. -18, 5/8 in. hex. hd. pro. fin.)
5	24	3	3	3	3	3	3	3	3	9385884P3	Spacer between arcing horn and blowout coil support
5	25	3	3	3	3	3	3	3	3	9348685P2	Shouldered bushing insulator
5	26	3	3	3	3	3	3	3	3	N22P25020B	Screw fastening arcing horn to blowout coil support (3/8 in. -16, 1 1/4 in. hex. hd. pro. fin.)



(NEG 1147505)

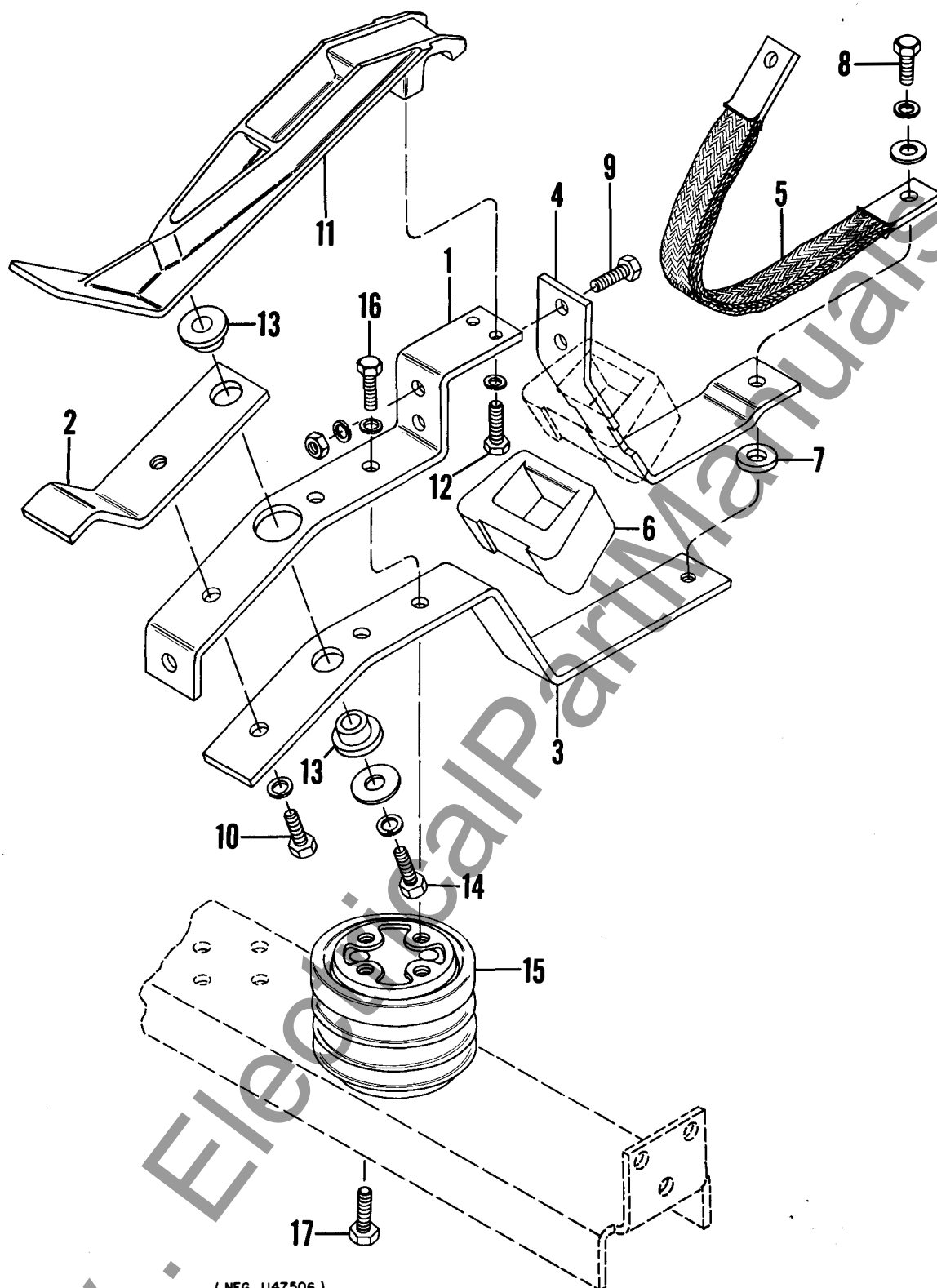
Fig. 5. Blowout assembly and stationary contact

IC2812 CONTACTORS

GEF-4016A

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
BLOWOUT ASSEMBLY AND STATIONARY CONTACT (FIG. 5) (CONT'D)											
5	27	3	3	3	3	3	3	3	3	9605571G1	Core for blowout coil
5	28	6	6	6	6	6	6	6	6	8097377P1	Shield for blowout coil
5	29	3	3	3	3	3	3	3	3	9348671G2	Pole piece, left-hand
5	30	3	3	3	3	3	3	3	3	9348671G1	Pole piece, right-hand
5	31	12	12	12	12	12	12	12	12	N22P25008B	Screw fastening pole piece to support (3/8 in. -16, 1/2 in. hex. hd. pro. fin.)
5	32	3	3	3	3	3	3	3	3	226B799P1	Insulator
5	33	12	12	12	12	12	12	12	12	N22P25012B	Screw fastening insulator to center channel (3/8 in. -16, 3/4 in. hex. hd. pro. fin.)
5	34	3	3	3	3	3	3	3	3	9348653P2	Spacer between blowout assembly and insulator
5	35	6	6	6	6	6	6	6	6	N22P25024B	Screw fastening blowout assembly and spacer to insulator (3/8 in. -16, 1 1/2 in. hex. hd. pro. fin.)
5	36	12	12	12	12	12	12	12	12	N22P25012B	Screw fastening insulator to upper channel (3/8 in. -16, 3/4 in. hex. hd. pro. fin.)
SHUNT AND ARC CHUTE SUPPORT (FIG. 6)											
6	1	3	3	3	3	3	3	3	3	393B424P1	Bus bar
6	2	3	3	3	3	3	3	3	3	287A185P1	Arc chute support
6	3	3	3	3	3	3	3	3	3	393B423P1	Support
6	4	3	3	3	3	3	3	3	3	393B424P2	Bus bar for shunt
6	5	3	3	3	3	3	3	3	3	393B425G2	Shunt assembly
6	6	3	3	3	3	3	3	3	3	9348685P1	Guard for shunt
6	7	3	3	3	3	3	3	3	3	287A185P2	Spacer between support and bus bar
6	8	3	3	3	3	3	3	3	3	N22P25016B	Screw fastening shunt to bus bar (3/8 in.-16, 1 in. hex. hd. pro. fin.)
6	9	6	6	6	6	6	6	6	6	N22P25014B	Screw fastening bus bars together (3/8 in.-16, 7/8 in. hex. hd. pro. fin.)
6	10	3	3	3	3	3	3	3	3	N22P25014B	Screw fastening arc chute support and bus bar in position (3/8 in. -16, 7/8 in. hex. hd. pro. fin.)
6	11	3	3	3	3	3	3	3	3	173C762P1	Arcing horn
6	12	6	6	6	6	6	6	6	6	N26P21010B	Screw fastening arcing horn to bus bar (1/4 in. -20, 5/8 in. hex. hd. slot, pro. fin.)
6	13	6	6	6	6	6	6	6	6	9348685P2	Shouldered bushing insulator
6	14	3	3	3	3	3	3	3	3	N22P25028B	Screw fastening arcing horn to support (3/8 in. -16, 1 3/4 in. hex. hd. pro. fin.)
6	15	3	3	3	3	3	3	3	3	226B799P1	Insulator
6	16	6	6	6	6	6	6	6	6	N22P25016B	Screw fastening insulator to support (3/8 in.-16, 1 in. hex. hd. pro. fin.)
6	17	12	12	12	12	12	12	12	12	N22P25012B	Screw fastening insulator to channel (3/8 in.-16, 3/4 in. hex. hd. pro. fin.)
ARC CHUTE ASSEMBLY (FIG. 7)											
7	1	3	3	3	3	3	3	3	3	9348699G1	Arc chute assembly
7	2	6	6	6	6	6	6	6	6	9348699G2	Arc chute side
7	3	12	12	12	12	12	12	12	12	N22P25056B	Screw fastening arc chute sides together (3/8 in. -16, 3 3/8 in. hex. hd. pro. fin.)
7	4	129	129	129	129	129	129	129	129	9348689P1	Arc barrier
7	5	§	§	§	§	§	§	§	§	9385870P2	Spacer
7	6	§	§	§	§	§	§	§	§	9385870P3	Spacer
7	7	3	3	3	3	3	3	3	3	9385884P1	Stop bar for arc barriers and spacers
7	8	6	6	6	6	6	6	6	6	9385881P4	Pin fastening sides and stop bar together

§ Quantity variable.



(NEG. 1147506)

Fig. 6. Shunt and arc chute support

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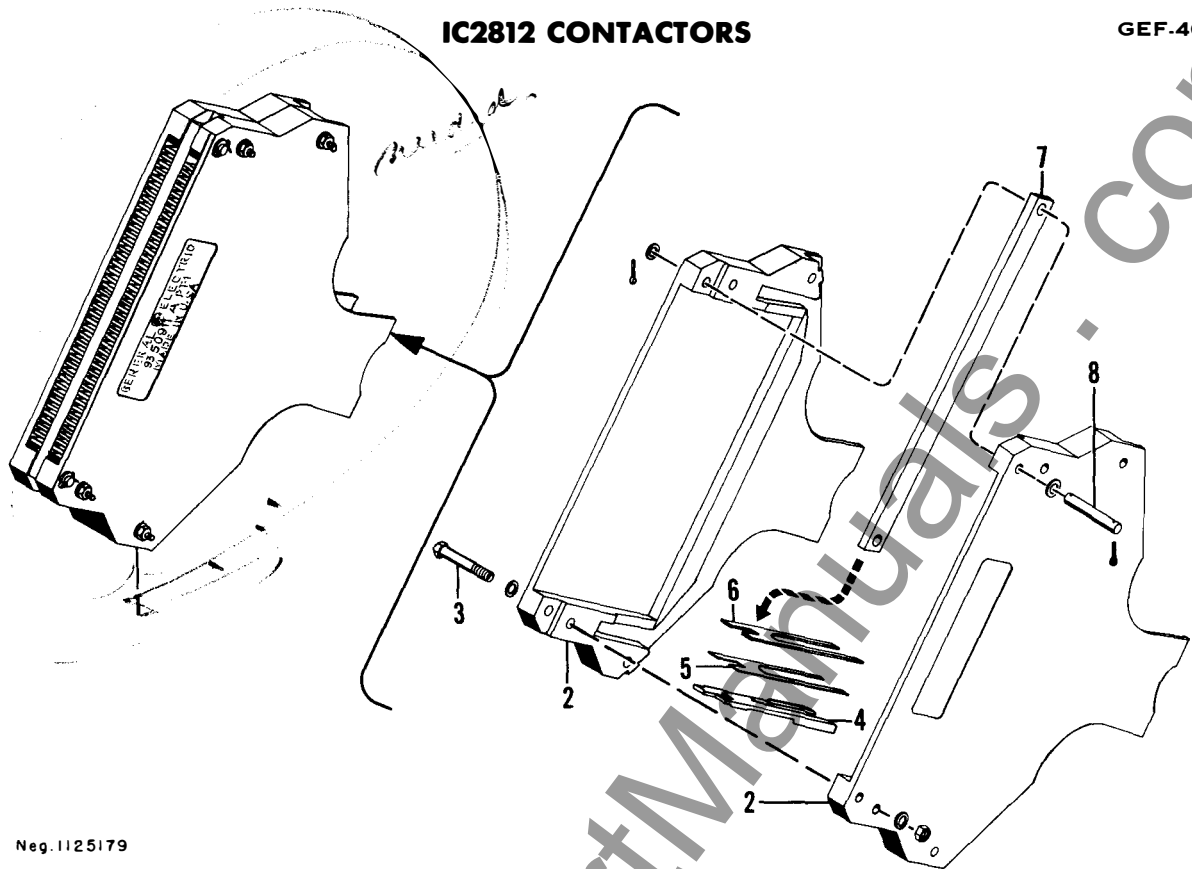


Fig. 7. Arc chute assembly

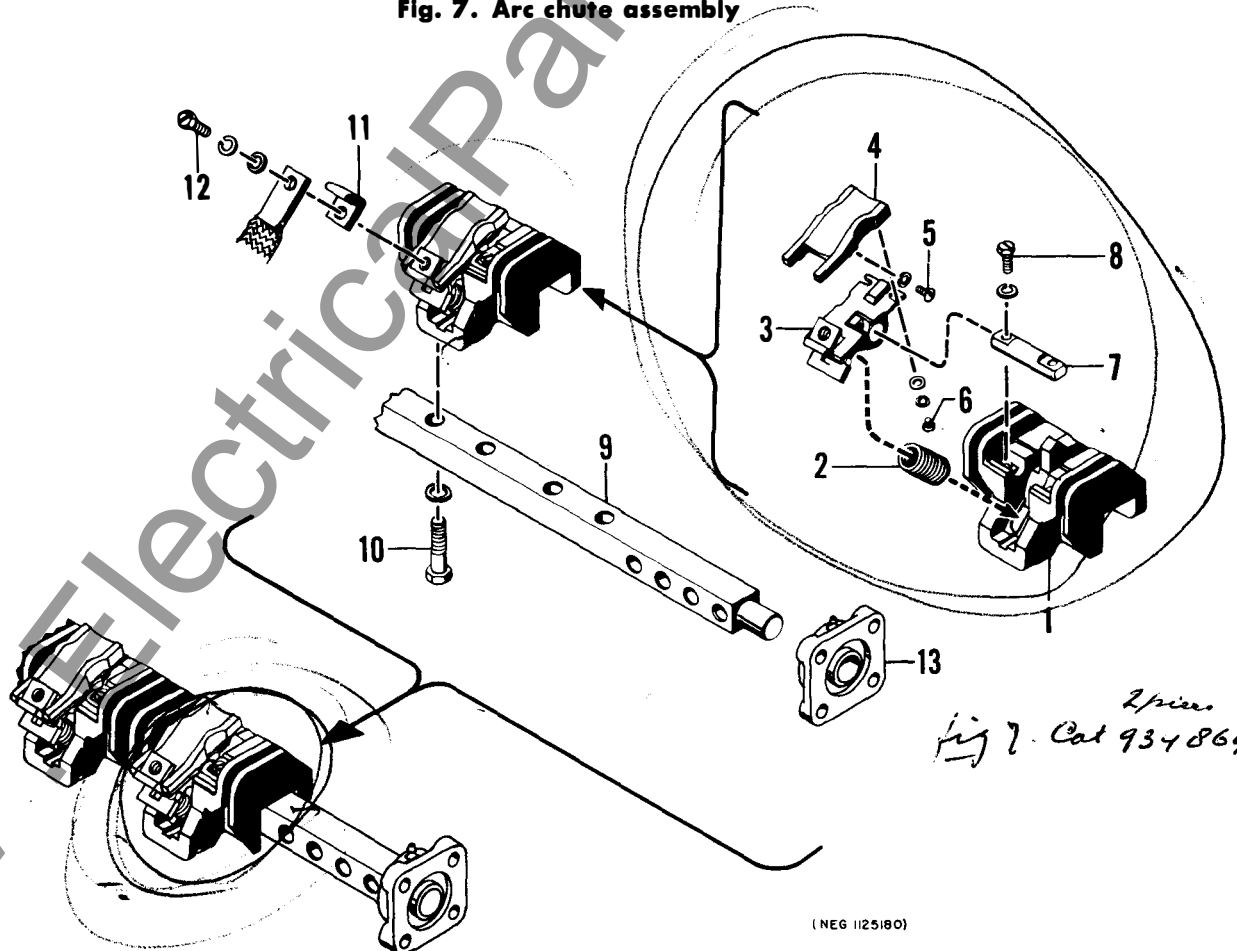


Fig. 8. Movable contact and shaft assembly

IC2812 CONTACTORS

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
MOVABLE CONTACT AND SHAFT ASSEMBLY (FIG. 8)											
8	1	3	3	3	3	3	3	3	3	9352129P1	Support for movable contact
8	2	3	3	3	3	3	3	3	3	2416875	Compression spring
		3	3	3	3	3	3	3	3	9385865G1	Contact bracket assembly
8	3	3	3	3	3	3	3	3	3	9397796G1	Contact bracket
8	4	3	3	3	3	3	3	3	3	9385890P1	Shield
8	5	3	3	3	3	3	3	3	3	N108P1708B	Screw, thread cutting, fastening shield to bracket
8	6	6	6	6	6	6	6	6	6	N57P16007B	Screw fastening shield to bracket (10-32, 7/16 in. pan. hd. pro. fin.)
8	7	3	3	3	3	3	3	3	3	9385881P1	Pin for movable contact support
8	8	6	6	6	6	6	6	6	6	N26P21012B	Screw fastening pin to support (1/4 in. -20, 3/4 in. hex. hd. slot, pro. fin.)
8	9	1	1	1	1	1	1	1	1	393B421P1	Main shaft
8	10	6	6	6	6	6	6	6	6	N22P29032B	Screw fastening contact bracket assembly to shaft (1/2 in. -13, 2 in. hex. hd. pro. fin.)
8	11	3	3	3	3	3	3	3	3	9645809	Movable contact tip
8	12	3	3	3	3	3	3	3	3	N26P23020B	Screw fastening movable contact tip and shunt to contact bracket assembly(5/16 in.-18, 1 1/4 in. hex. hd. slot, pro. fin.)
8	13	2	2	2	2	2	2	2	2	610X22	Bearing for main shaft

FRAME, BARRIERS, BRACKETS, AND CHANNELS (FIG. 9)

9	1	1	1	1	1	1	1	1	1	393B419P1	Frame, left-hand
9	2	1	1	1	1	1	1	1	1	393B418P1	Frame, right-hand
9	3	1	1	1	1	1	1	1	1	393B420G1	Channel, top
9	4	1	1	1	1	1	1	1	1	393B420G1	Channel, middle
9	5	1	1	1	1	1	1	1	1	393B420G1	Channel, bottom
9	6	12	12	12	12	12	12	12	12	N22P25016B	Screw fastening channel to frame (3/8 in. -16, 1 in. hex. hd. pro. fin.)
9	7	4	4	4	4	4	4	4	4	393B422P1	Barrier
9	8	4	4	4	4	4	4	4	4	287A184P2	Bracket for barrier
9	9	4	4	4	4	4	4	4	4	N26P21010B	Screw fastening bracket to bottom channel (1/4 in. -20, 5/8 in. hex. hd. slot, pro. fin.)
9	10	1	1	1	1	1	1	1	1	393B422P2	Barrier, slotted
9	11	2	2	2	2	2	2	2	2	8043425P2	Spacer between barrier and top channel
9	12	2	2	2	2	2	2	2	2	N22P25020B	Screw fastening barrier and spacer to top channel (3/8 in. -16, 1 1/4 in. hex. hd. pro. fin.)
9	13	1	1	1	1	1	1	1	1	393B434P1	Cable clamp (two halves)
9	14	1	1	1	1	1	1	1	1	287A183P1	Back barrier
9	15	2	2	2	2	2	2	2	2	N26P21024B	Short screw fastening cable clamp to top channel (1/4 in. -20, 1 1/2 in. hex. hd. slot, pro. fin.)
9	16	4	4	4	4	4	4	4	4	N26P21080B	Long screw fastening cable clamp and back barrier to top channel (1/4 in. -20, 5 in. hex. hd. slot, pro. fin.)
9	17	2	2	2	2	2	2	2	2	N26P21012B	Screw fastening back barrier to middle channel (1/4 in. -20, 3/4 in. hex. hd. pro. fin.)
9	18	8	8	8	8	8	8	8	8	N22P25020B	Screw fastening main shaft bearing to frame (3/8 in. -16, 1 1/4 in. hex. hd. pro. fin.)
9	19	2	-	-	2	2	-	-	2	393B436P2	Caster, front
9	20	2	-	-	2	2	-	-	2	393B436P3	Caster, rear

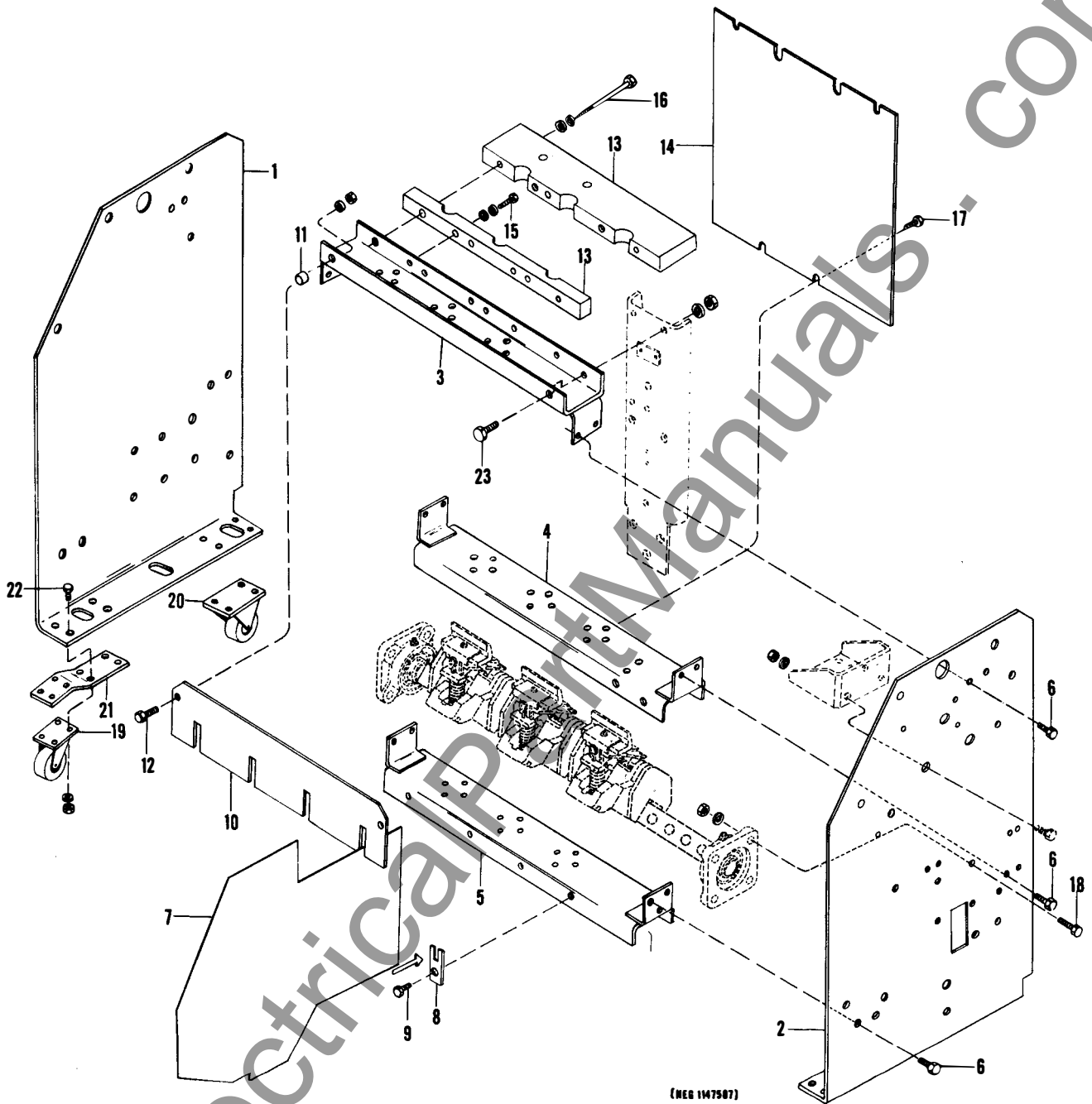


Fig. 9. Frame, barriers, brackets, and channels

Fig. No.	Ref. No.	Number Required for IC2812-								Cat. No.	Description
		E100A	E100B	E100C	E100D	E101A	E101B	E101C	E101D		
FRAME, BARRIERS, BRACKETS, AND CHANNELS (FIG. 9) (CONT'D)											
9	21	2	-	-	2	2	-	-	2	278A181P1	Support for front caster
9	22	24	-	-	24	24	-	-	24	N26P21016B	Screw fastening caster to frame or support (1/4 in. -20, 1 in. hex. hd. slot, pro. fin.)
9	23	4	4	4	4	-	-	-	-	N22P29020B	Screw fastening magnet support to channel (1/2 in. -13, 1 1/4 in. hex. hd. pro. fin.)

NUTS

Cat. No.	Description
N210P15B	8-32 hex. std
N203P21B	1/4 in. -20, hex. std
N203P23B	5/16 in. -18, hex. std
N203P25B	3/8 in. -16, hex. std
N211P25B	3/8 in. -16, hex. std, jam
N203P29B	1/2 in. -13, hex. std

LOCK WASHERS

Cat. No.	Description
N405P38C3	For No. 8 screw
N405P41C3	For 1/4 in. screw
N405P42C3	For 5/16 in. screw
N405P43C3	For 3/8 in. screw
N405P45C3	For 1/2 in. screw

PLAIN WASHERS

COTTER PIN

Cat. No.	Description
N505P912	3/32 in. by 3/4 in., brass

Cat. No.	Description
N402P11B	For 1/4 in. screw
N402P12B	For 5/16 in. screw
N402P13B	For 3/8 in. screw

INDEX OF CATALOG NUMBERS

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