

GEHL

Form No.

50960068

Revision A
October
2013

RT175

Compact Track Loader

*Machine Serial Number 811001 and up
(Equipped with a TIER IV engine)*



Parts Manual

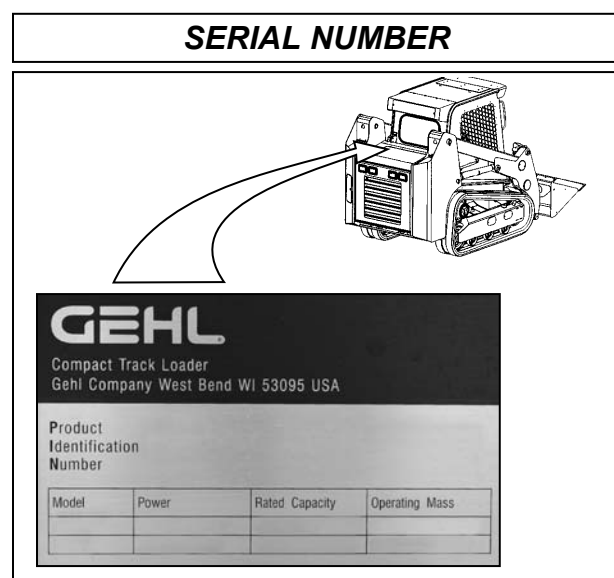
INTRODUCTION

When ordering service parts, specify the correct part number, full description, quantity required, the machine model number, and serial number. For your safety, and continued proper operation, use only genuine Gehl service parts.

“Right” and “Left” are determined from a position sitting on the seat inside the cab and facing forward.

Gehl Company reserves the right to make changes or improvements in the design or construction of any part of the machine without incurring the obligation to install such changes on previously delivered machines.

NOTE: *This parts manual identifies both standard and optional features for this model. Depending on the features of your machine, some of the items identified in the parts lists may, or may not, be included with your machine.*



Serial number breaks are indicated as follows:

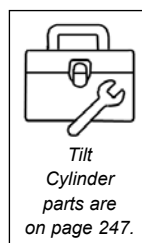
- (SN 999 and before) - indicates serial numbers up to and including 999.
- (SN 1000 - 2000) - indicates serial numbers from 1000 to 2000.
- (SN 999 and up) - indicates serial numbers including 999 and after.

NOTE: *When ordering parts, be sure to identify the last five digits of the machine's serial number.*

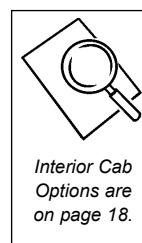
HYDRAULIC AND ELECTRICAL SCHEMATICS

Hydraulic and electrical schematics can be found in the Operator's and Service Manuals for this machine; please refer to the information at the right for the correct manual.

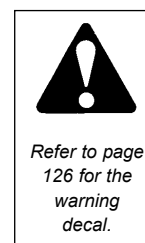
The following icons shown on various pages provide important information or identify where additional information can be found.



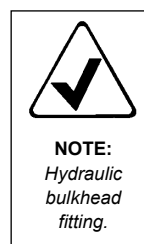
Identifies where additional pages for component parts, seals, and kits can be found.



Identifies where additional information can be found.



Alerts and directs user to investigate more information.



Identifies missing, hidden parts, or adds informational comments.



Represents a port designation on hydraulic components (e.g., valves, cylinders, etc.)

SOME ABBREVIATIONS LISTED IN THIS MANUAL

ASSY	Assembly
AR	As Required
CFPD	Contact Factory Parts Department
EU	European Union (standards)
HYD	Hydraulic
IN	Inch(es)
INC/INCL	Included or includes
LN	Lock Nut
MM/mm	Millimeter
NA	Not Applicable or Not Available
NPT	National Pipe Thread
NSS	Not Sold Separately
ORB	O-Ring Boss
REF	Reference
SN	Serial Number
W/	With
W/O	Without

RELATED MANUALS

Engine Parts Manual: P/N **50940194**
(Yanmar 4TNV98C/CT-NMSL)

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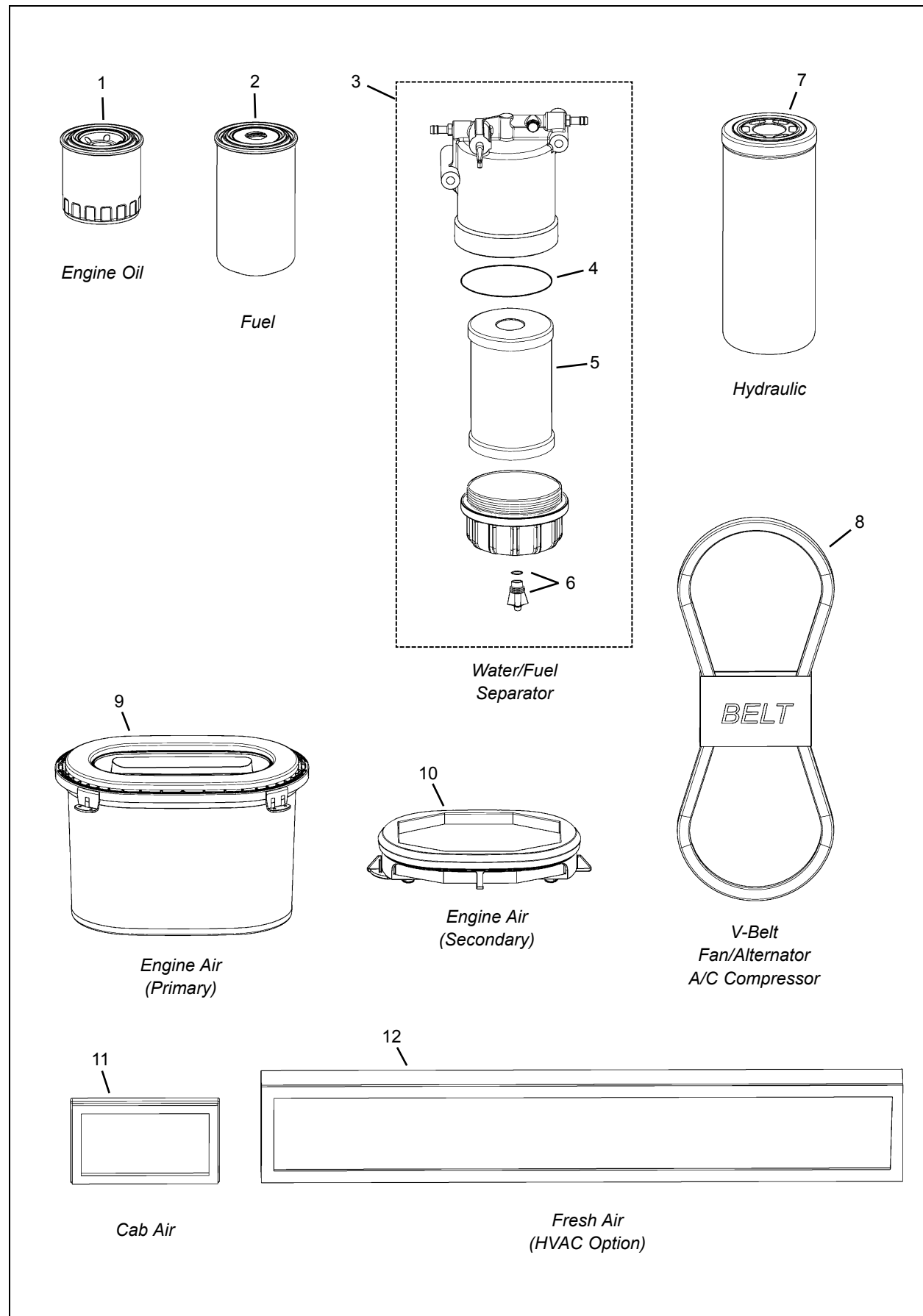
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RT175 - MAINTENANCE

FILTERS / BELTS / ANALYSIS KITS



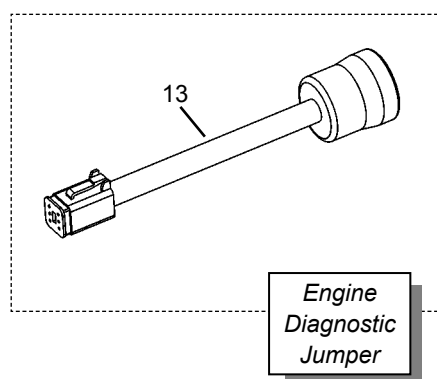
RT175 - MAINTENANCE FILTERS / BELTS / ANALYSIS KITS

Item No.	Part No.	Description	Qty.
01	195568	FILTER, ENGINE OIL	1
02	50352551	FUEL FILTER <i>(main)</i>	1
03	50351686	WATER/FUEL SEPARATOR ASY. <i>(includes all items within box)</i>	1
04	50250362	O-RING	1
05	50352550	FILTER, FUEL/WATER	1
06	203823	PLUG, DRAIN w/o-ring	1
07	074830	FILTER, HYDRAULIC	1
08	241477	FAN BELT	1
	271491	A/C COMPRESSOR BELT *	1

Item No.	Part No.	Description	Qty.
09	50352454	FILTER, ENGINE AIR <i>(primary)</i>	1
10	50352455	FILTER, ENGINE AIR <i>(secondary)</i>	1
11	242832	FILTER, RECIRCULATION AIR *	2
12	195660	FILTER, FRESH AIR *	1
13	50300431	CABLE, J1939 JUMPER <i>(included with Kit 241766)</i>	1

* Used when equipped with air conditioning.

** Used when equipped with air conditioning or heater.

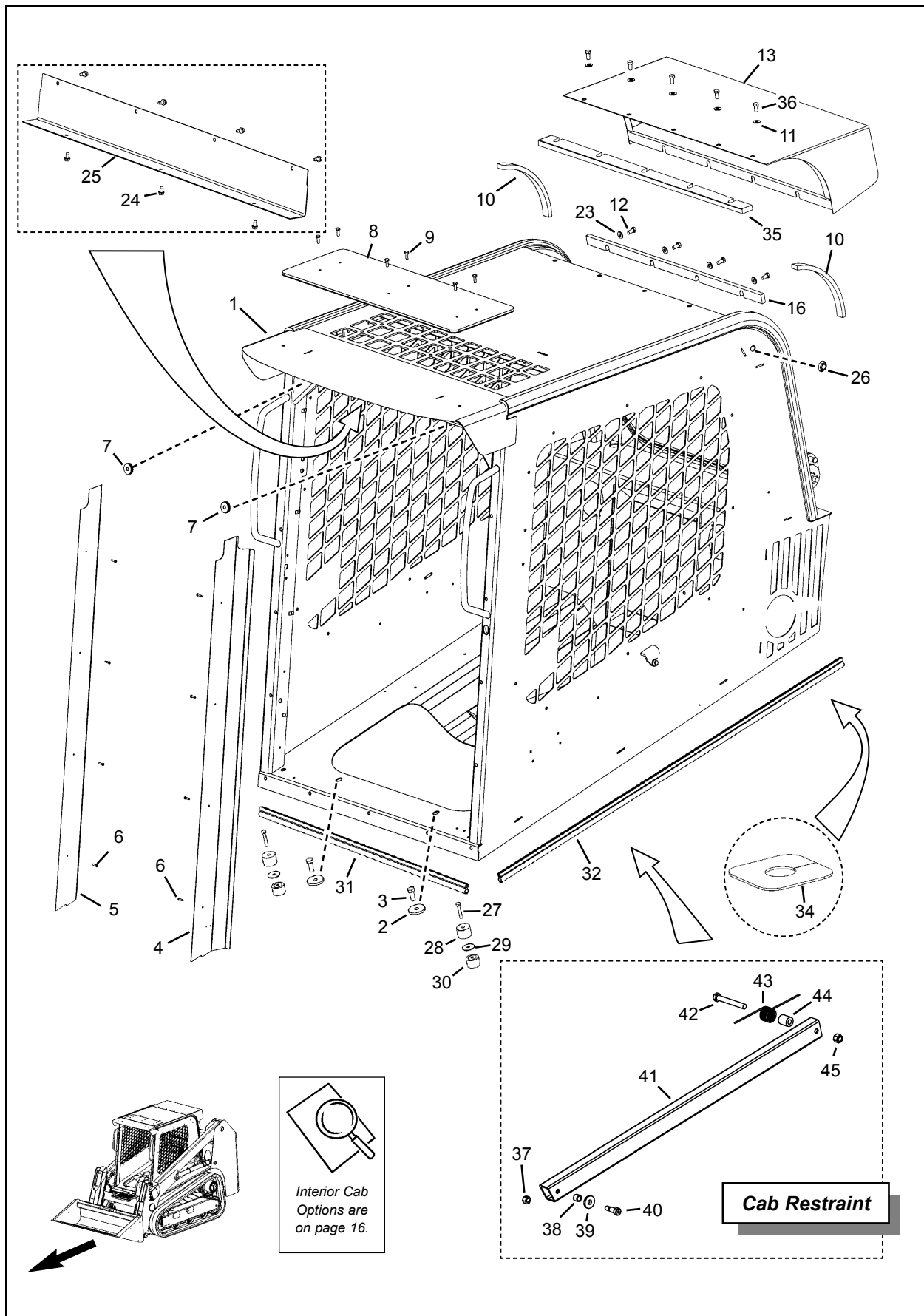


Analysis Kits*

	Qty.
272806.....	HYDRAULIC OIL ANALYSIS KITS (10)
272809.....	ENGINE OIL ANALYSIS KITS (10)
272811.....	BASIC FUEL ANALYSIS KIT (1)
272812.....	COOLANT ANALYSIS KITS (10)
272813.....	FIELD TEST COOLANT STRIP KIT (1)
272814.....	OIL VACUUM PUMP (1)
272815.....	COOLANT VACUUM PUMP (1)
272816.....	1/4" PLASTIC TUBING (100-FOOT ROLL)

* For the analysis of fluids and lubricants used in this machine. Contact your dealer for more information.

RT175 - CAB STANDARD



RT175 - CAB STANDARD

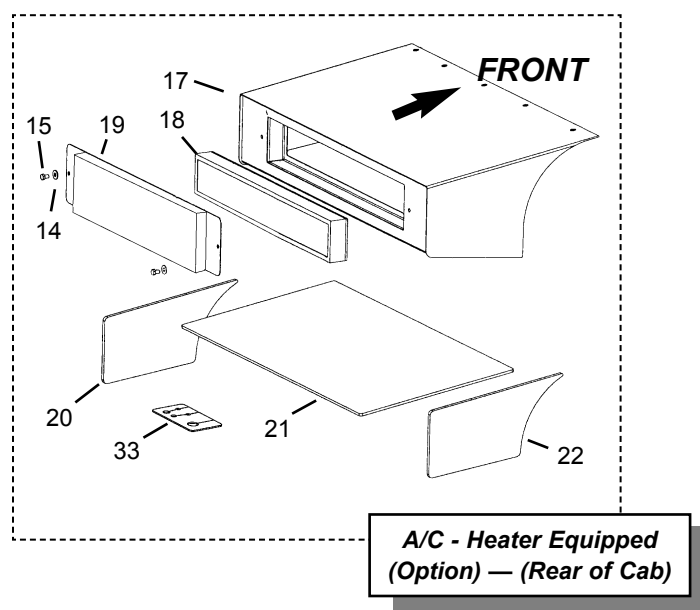
Item No.	Part No.	Description	Qty.
01	50302312	ROPS WELDMENT	1
02	057557	FW 17/32 ZY	2
03	650495	CS 1/2" x 1-1/4" C5ZY	2
04		COVER, POST (Left) (see below)	1
	50300218	(Standard - no door)	
	50300210	(Swing-Out Door - w/ heater)-(Option)*	
	50300215	(Swing-Out Door - no heater)-(Option) *	
05		COVER, POST (Right) (see below)	1
	50300219	(Standard - no door)	
	50303466	(Swing-Out Door - w/ heater)-(Option)*	
	50303419	(Swing-Out Door - no heater)-(Option)*	
		(Late-style latch - see next page)	
	50300216	(Swing-Out Door - no heater)-(Option)*	
		(Early-style latch - see next page)	
06	651783	SCREW, TPH TF CR #8-32x3/4 CZY	8
07	242633	GROMMET, 0.375"x0.188GW 1.0	2
08	270848	WINDOW, TOP	1
09	650835	CS 1/4" x 1" C5ZY	6
	137462	WASHER, 1/4" SEALING	6
10	271627	SEAL, FOAM SIDE	2
11	135270	WASHER, SEALING 3/8"	5
12	650488	CS 3/8" x 3/4" C5ZY	4
13	50301826	WELDMENT, REAR BILL **	1
14	654004	FW 5/16" AWZY	2
15	650484	CS 5/16" x 1/2" C5ZY	2
16	274788	SEAL, FOAM	1
17	50301820	WELDMENT, REAR BILL ***	1
18	195660	FILTER, FRESH AIR ***	1
19	275598	COVER, FRESH AIR FILTER ***	1
20	275599	PAD, HOUSING LH	1
21	275601	PAD, HOUSING TOP	1

Item No.	Part No.	Description	Qty.
22	275600	PAD, HOUSING RH	1
23	654049	FW 3/8 ANZY	4
24	651783	SCREW/TPHTF CR *8-32x3/4	7
	650606	FW #8 AZ (not shown)	7
25	50300057	COVER, DOOR HEADER	1
26	192182	PLUG, RUBBER	2
27	650568	CS 5/16" x 2" C5ZY	2
28	50301141	SPACER	2
29	50301434	SPACER	2
30	275016	ISOLATOR, 1" x 1-1/2" RUBBER	2
31	50301581	SEAL, BULB 0.63" x 37.5"	1
32	50301580	SEAL, BULB 0.63" x 56.25"	2
33	50300901	GASKET, RUBBER (A/C-Heater)	1
34	50301118	GROMMET, CAB ELECTRICAL	1
35	50301824	SEAL, FOAM	1
36	650490	CS 3/8" x 1" C5ZY	5
37	210-31017	LN FL CTR 5/16 CFZY	1
38	50302309	BUSHING, BRONZE	1
39	50302473	WASHER, BEVELED	1
40	030-31941	SCREW, SHOULDERED 3/8 "x5/8"	1
41	50302182	CAB RESTRAINT, WELDMENT	1
42	650818	CS 3/8" x 3" C5ZY	1
43	50301852	SPRING, TORSION	1
44	50302181	SPACER	1
45	067847	HLN INST 3/8" CZY	1

* When machine is equipped with optional swing-out door; shown on next page.

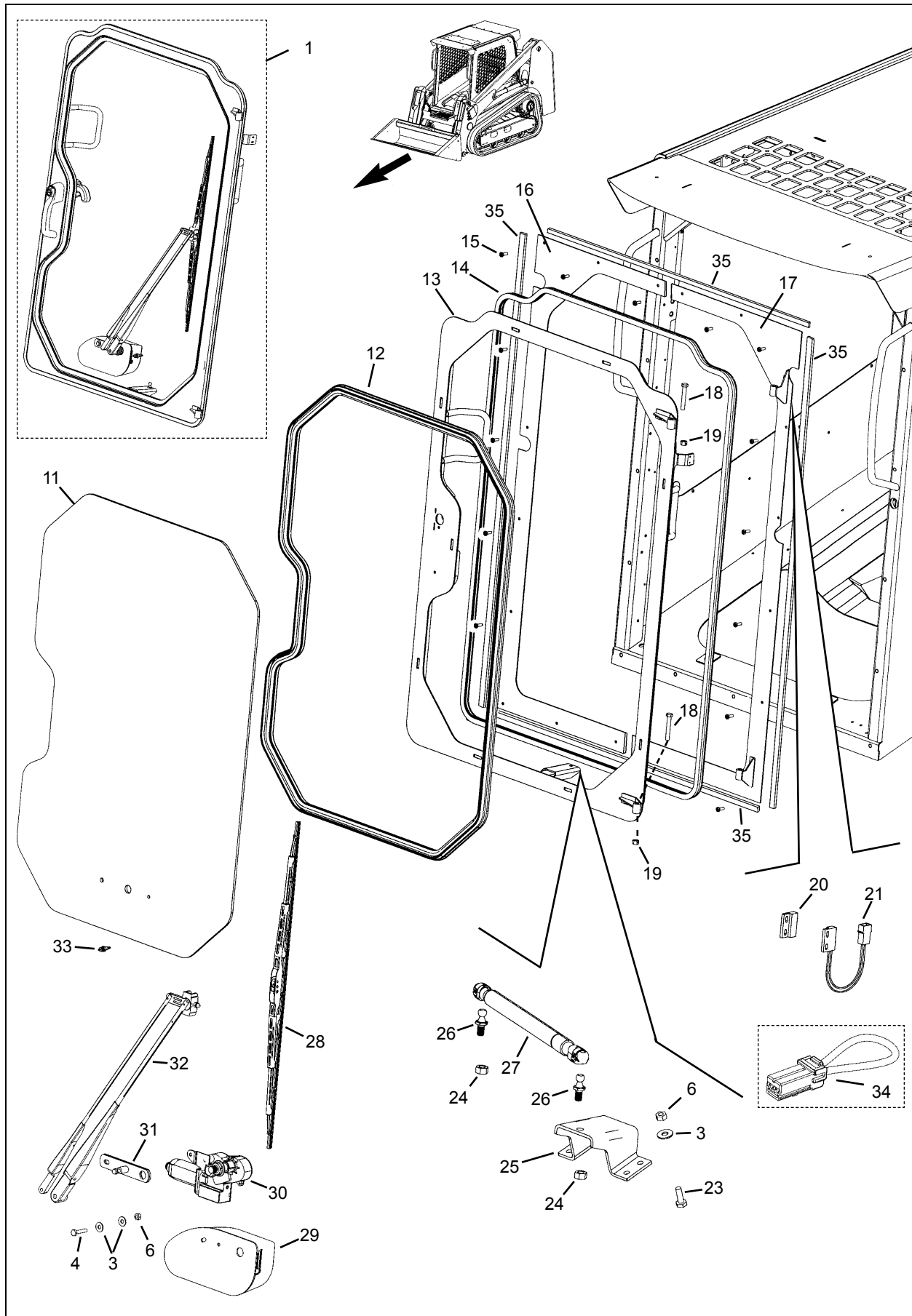
** Machines not equipped with optional heater or A/C.

*** Machines equipped with optional heater or A/C.



RT175 - CAB

CAB DOOR - SWING-OUT - (OPTION)



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