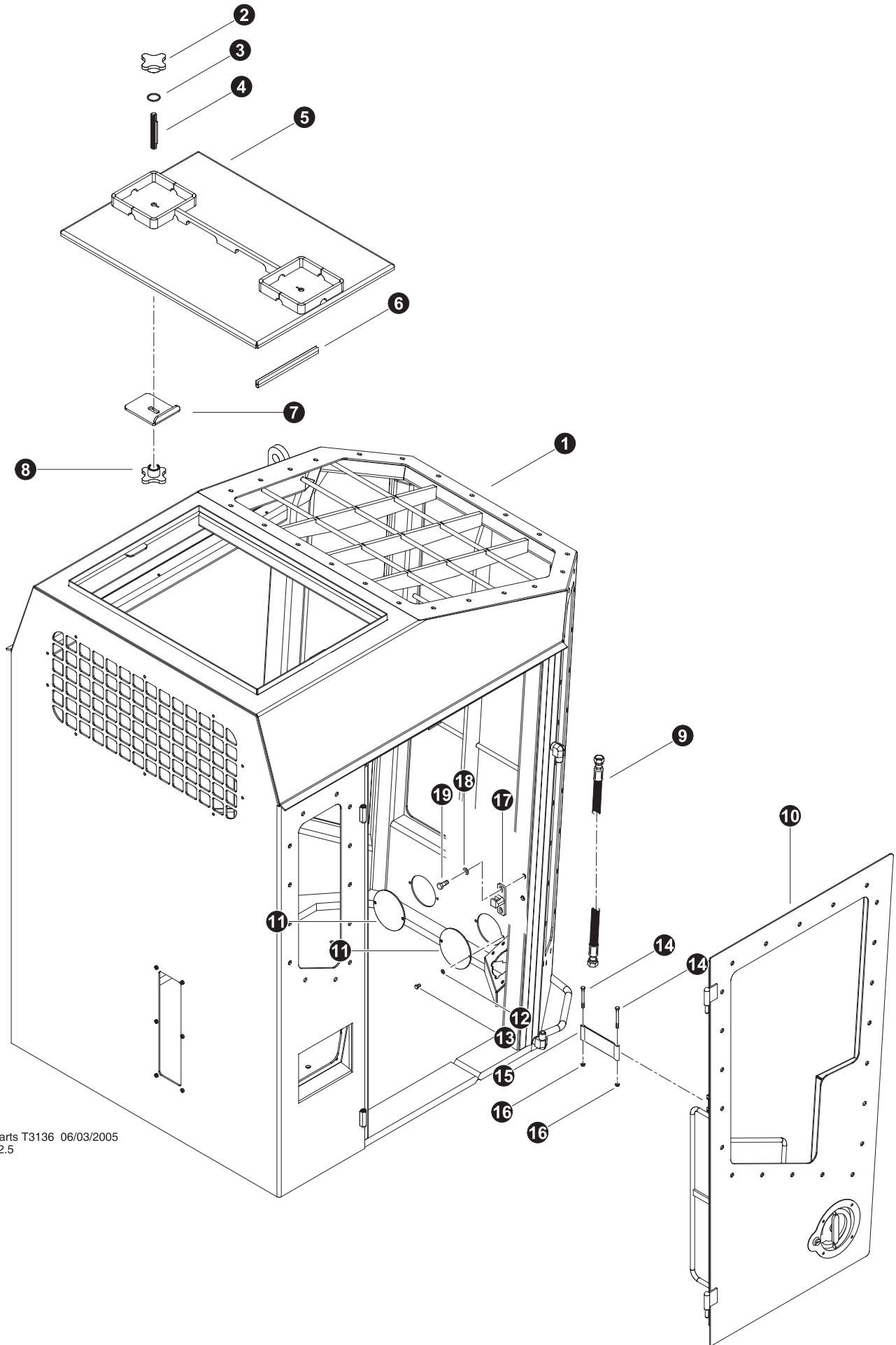


# OC-1

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## ***Operator's Cab - Cab Weldment and Installation***



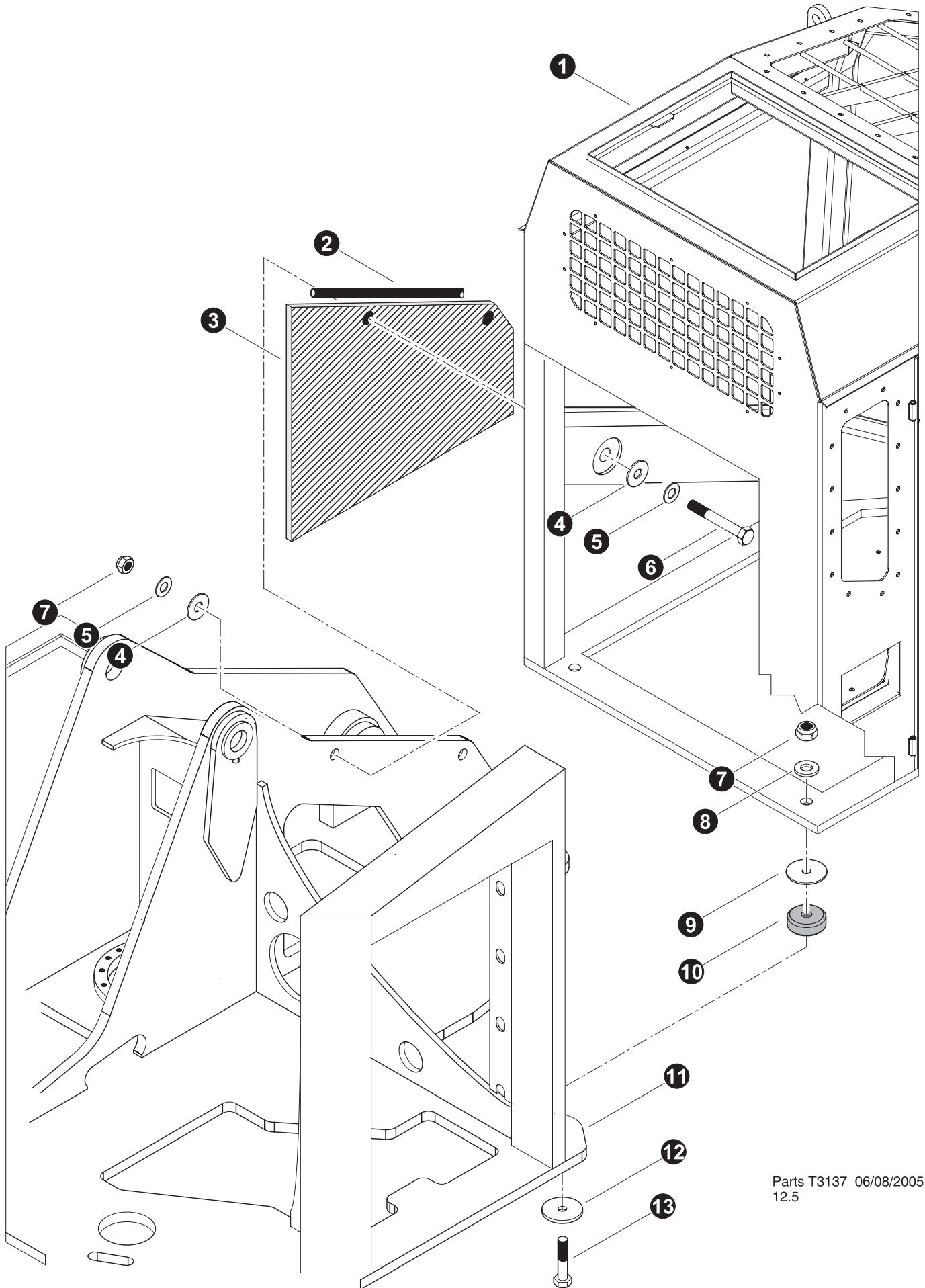
Parts T3136 06/03/2005  
12.5

**CAB WELDMENT ASSEMBLY**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51572-OC	1	☐ WELDMENT, CAB - NEW MACH	
2	52060-OC	2	KNOB, STAR - EMERGENCY ESCAPE (O-RING SEAL)	
3	52066-OC	2	O-RING, EMERGENCY ESCAPE	
4	16538-OC	2	STUD, 2-WAY - .5" X 3.5"	
5	52059-OC	1	HATCH, ESCAPE - ROOF 830-630	
6	15694-OC	10 ft	✂ WEATHERSTRIPPING - .25" X 1"	
7	52062-OC	2	BRACKET, EMERGENCY ESCAPE 830	
8	52061-OC	1	KNOB, STAR - EMERGENCY ESCAPE	
9	52033-OC	1	HOSE, CAB HANDLE - 4037.5-08-10JS-10JS	
10	REF	1	CAB DOOR ASSEMBLY.....	OC-1
11	52064-OC	1	COVER, FRONT LIGHT - 830	
12	10757-OC	4	WASHER, SAE FLAT - .25"	
13	15604-OC	4	BOLT - .25" X .75"	
14	10818-OC	2	BOLT - .25" X 3"	
15	51981-OC	1	STRAP, DOOR STOP - 830/630	
16	10811-OC	2	NUT, LOCK - .25"	
17	17896-OC	1	STRIKER, DOOR LATCH	
18	15528-OC	2	WASHER, SAE FLAT - .375"	
19	15542-OC	2	BOLT - .375" X .75"	



☐ Kit or Assembly - includes all items indented underneath.


✂ Bulk material - order length required in feet or meters.



Parts T3137 06/08/2005  
12.5

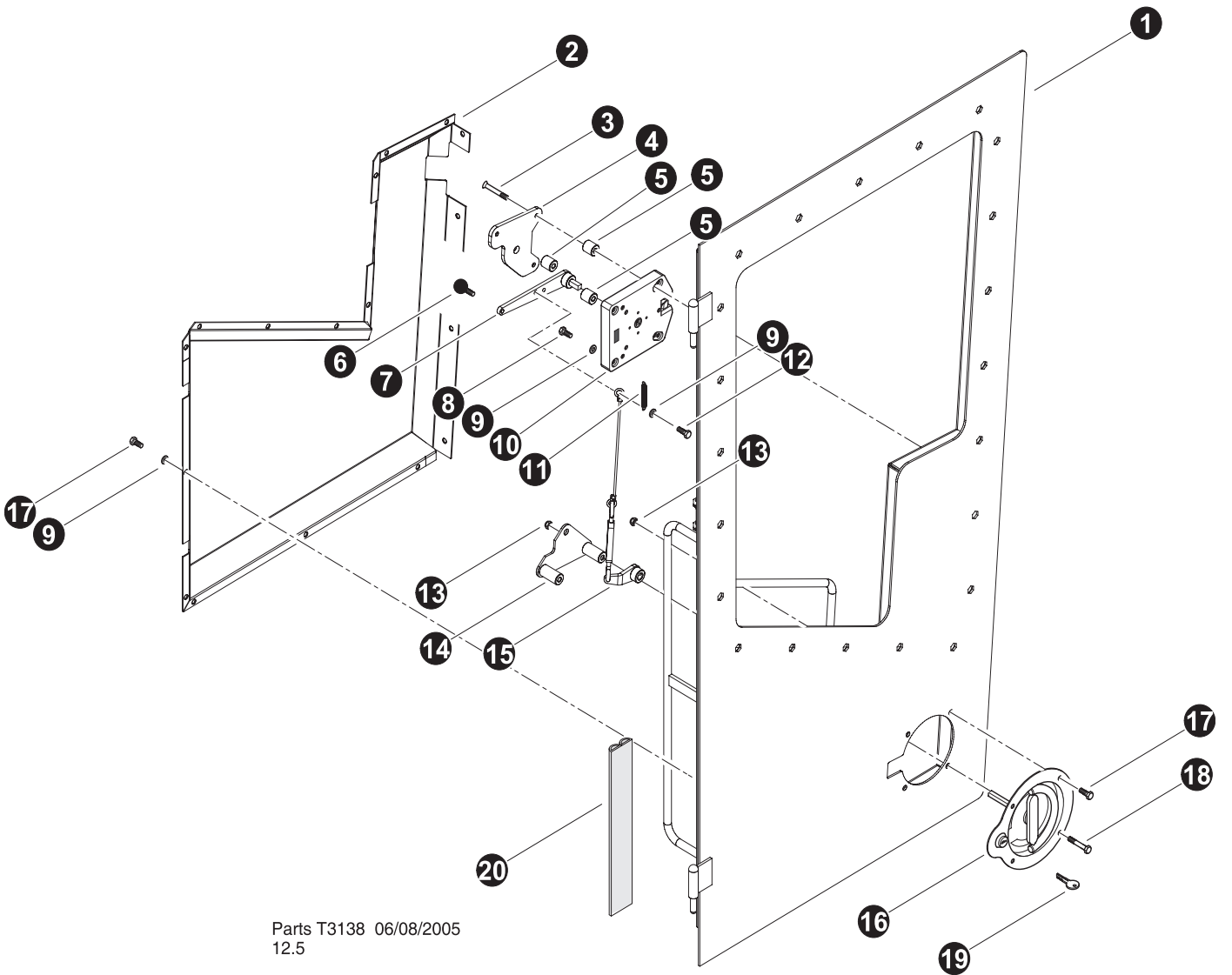
## CAB INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 CAB WELDMENT . . . . .	OC-1
2	16717-OC	8 ft	HOSE, HEATER - (BULK ROLL) .625" X 250'	
3	42739-OC	1	INSULATION, SOUNDPROOF - CAB	
4	17065-OC	3	WASHER, rubber	
5	10808-OC	4	WASHER, FLAT - 1"	
6	18672-OC	2	BOLT - 1" X 7.5"	
7	18253-OC	5	NUT, LOCK - 1"	
8	15579-OC	3	WASHER, SAE FLAT - 1"	
9	50061-OC	3	WASHER, cab mount isolator	
10	19295-OC	3	ISOLATOR, CAB MOUNTING - FWD	
11	REF.	1	 UPPER TURNTABLE ASSEMBLY . . . . .	UP-1
12	19369-OC	3	WASHER, cab mount isolator - (.5 thick)	
13	18535-OC	3	BOLT, 1" x 5" ( see note 1 below)	

 See referenced page for component or assembly breakdown.

### Note 1

Use loctite 271 (red) on treads during installation.



Parts T3138 06/08/2005  
12.5

## DOOR LATCH INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52063-OC	1	☐ DOOR, CAB - 830	
2	52067-OC	1	COVER, DOOR - 830	
3	52068-OC	1	BOLT, COUNTERSUNK	
4	10811-OC	4	PLATE, DOOR LATCH	
5	52069-OC	3	SPACER, DOOR LATCH	
6	52070-OC	1	KNOB, DOOR LATCH	
7	52071-OC	1	LEVER, DOOR LATCH - 830	
8	18273-OC	4	BOLT - 1/4" x 2-3/4"	
9	10757-OC	20	WASHER, SAE FLAT - .25"	
10	17895-OC	1	LATCH, DOOR	
11	52072-OC	1	SPRING, DOOR LATCH	
12	15604-OC	1	BOLT - .25" X .75"	
13	10811-OC	4	NUT, LOCK - .25"	
14	10402-OC	2	BOLT - 3/8" x 1-1/4"	
15	52073-OC	1	CABLE ASSEMBLY - DOOR LATCH	
16	19248-OC	1	HANDLE, outside door	
17	15604-OC	16	BOLT - .25" X .75"	
18	15508-OC	2	BOLT - .25" X 2.5"	
19	16940-OC	1	KEY, door ( <i>Key code CH1250</i> )	
20	18126-OC	AR	✂ WEATHERSTRIP, door	

☐ Kit or Assembly - includes all items indented underneath.

✂ Bulk material - order length required in feet or meters.

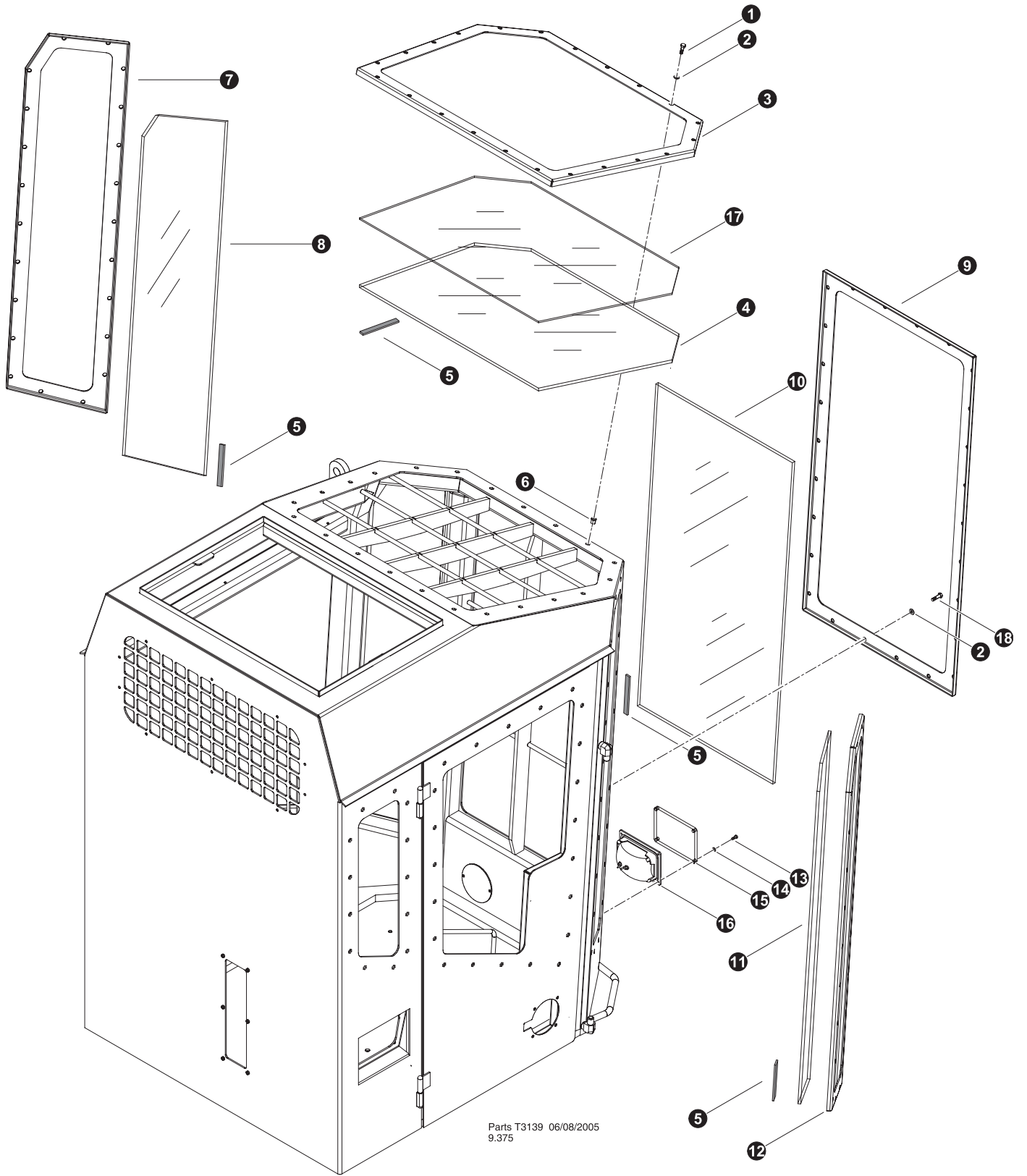




# ***Section OC-2***



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## ***Operator's Cab - Window Installation***



Parts T3139 06/08/2005  
9.375

## WINDOW INSTALLATION (Front Window Installation)

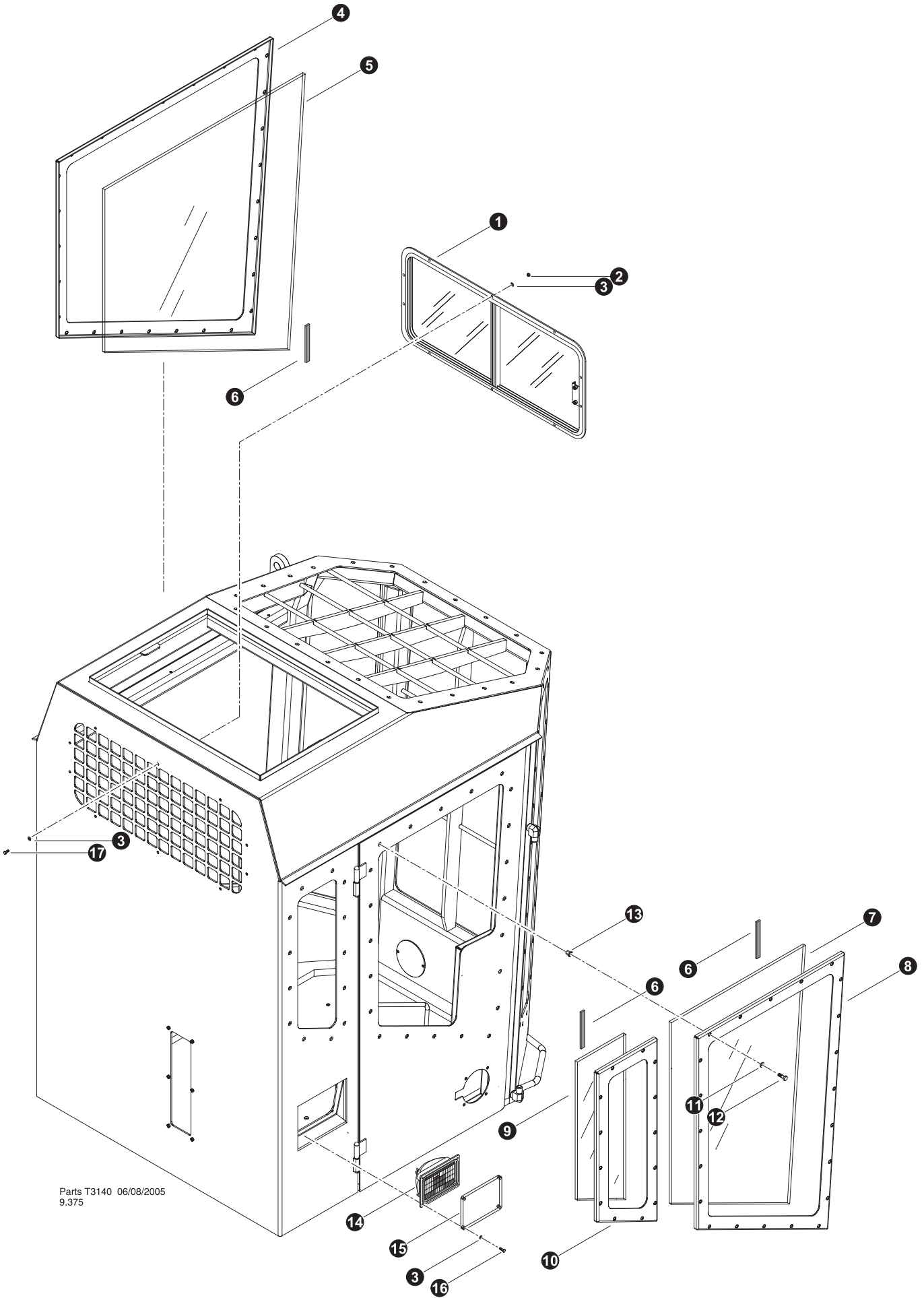
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20084-OC	22	BOLT - .375" X 1.75"	
2	15528-OC	92	WASHER, SAE FLAT - .375"	
3	42377-OC	1	FRAME, TOP WINDOW	
4	51697-OC	1	LEXAN, SKYLITE - 830	
5	42378-OC	AR	 WEATHERSTRIPPING, WINDOW 5/16 X 3/4 X 5	
6	51810-OC	92	INSERT, THREADED - 3/8"-16	
7	42373-OC	1	FRAME, FRONT L.H. SIDE WINDOW - 830	
8	51692-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830	
9	42371-OC	1	FRAME, FRONT WINDOW	
10	51691-OC	1	LEXON, FRONT WINDOW - 830	
11	51692-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830	
12	42372-OC	1	FRAME, FRONT R.H. SIDE WINDOW	
13	15576-OC	8	BOLT - .25" X 1"	
14	10757-OC	8	WASHER, SAE FLAT - .25"	
15	16811-OC	2	LEXON, LIGHT GUARD	
16	REF	2	 LIGHT .....	ES
17	51698-OC	1	LEXAN, SKYLITE - SCRATCH GUARD - 830	
18	10731-OC	70	BOLT - .375" X 1.5"	



See referenced page for component or assembly breakdown.





Bulk material - order length required in feet or meters.



Parts T3140 06/08/2005  
9.375

## WINDOW INSTALLATION (Rear and Side Window Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51719-OC	1	WINDOW, SLIDING - TF830	
2	10811-OC	10	NUT, LOCK - .25"	
3	10757-OC	20	WASHER, SAE FLAT - .25"	
4	42376-OC	1	FRAME, BOOM SIDE WINDOW	
5	51694-OC	1	LEXAN, LH (BOOM SIDE) WINDOW - 830	
6	42378-OC	AR	 WEATHERSTRIPPING, WINDOW 5/16 X 3/4 X 5	
7	51695-OC	1	LEXAN, DOOR WINDOW - 830	
8	42374-OC	1	FRAME, DOOR WINDOW	
9	51696-OC	1	LEXAN, RH AFT DOOR SIDE WINDOW - 830	
10	42375-OC	1	FRAME, OPERA WINDOW - 830	
11	15528-OC	62	WASHER, SAE FLAT - .375"	
12	10731-OC	62	BOLT - .375" X 1.5"	
13	51810-OC	62	INSERT, THREADED - 3/8"-16	
14	REF	1	 LIGHT .....	ES
15	16811-OC	1	LEXON, LIGHT GUARD	
16	15576-OC	4	BOLT - .25" X 1"	
17	15604-OC	10	BOLT - .25" X .75"	



Bulk material - order length required in feet or meters.



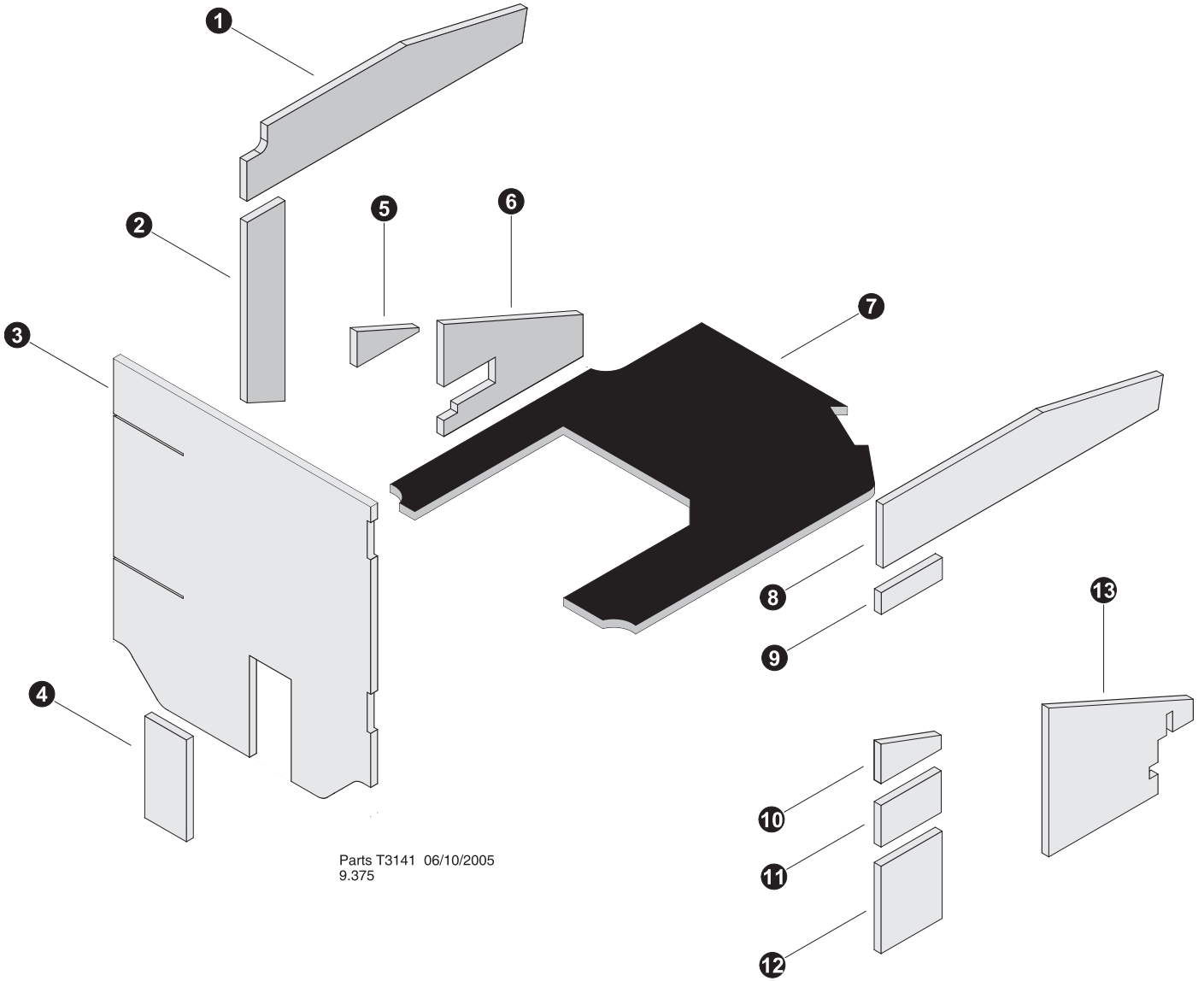
See referenced page for component or assembly breakdown.



# ***Section OC-3***

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## ***Operator's Cab - Interior Components***

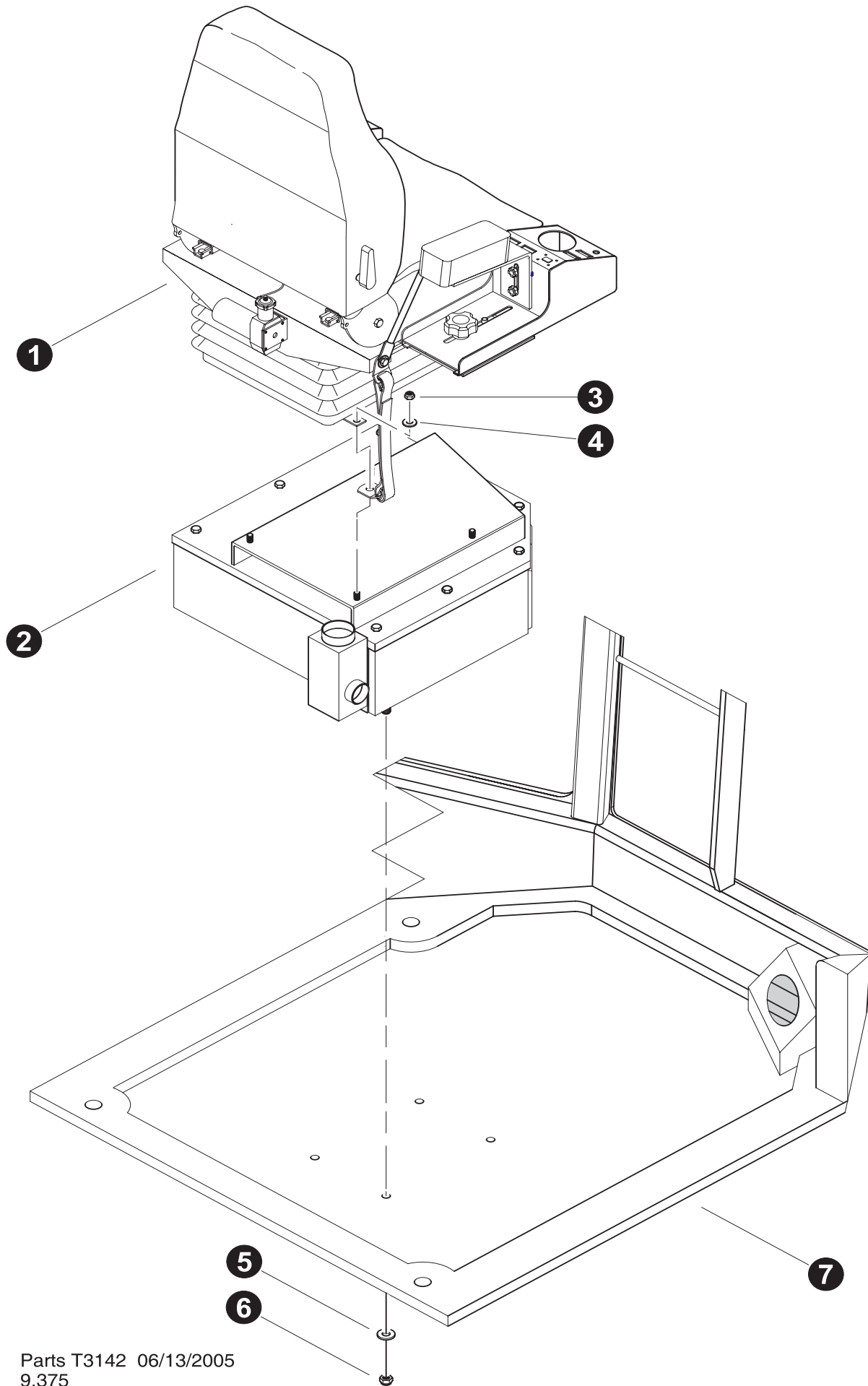




**INTERIOR TRIM & FLOORMAT**




REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51707-OC	1	<input type="checkbox"/> KIT, CAB INSULATION - 630/830	
1	42681-OC	1	TRIM, PANEL - UPPER LEFT DASH	
2	42673-OC	1	TRIM, PANEL - LEFT REAR	
3	42676-OC	1	TRIM, PANEL - REAR CAB	
4	42682-OC	1	TRIM, PANEL - REAR BULKHEAD PLATE	
5	42675-OC	1	TRIM, PANEL - ABOVE ELECTRICAL PANEL	
6	42679-OC	1	TRIM, PANEL - LEFT CAB WALL	
7	42543-OC	1	FLOORMAT, 830/630 (1.0")	
8	42680-OC	1	TRIM, PANEL - UPPER RIGHT DASH	
9	42669-OC	1	TRIM, PANEL - UPPER RIGHT SIDE WINDOW	
10	42670-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #1	
11	42671-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #2	
12	42672-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #3	
13	42679-OC	1	TRIM, PANEL - CAB DOOR	

Assembly or Kit - includes all items indented underneath.

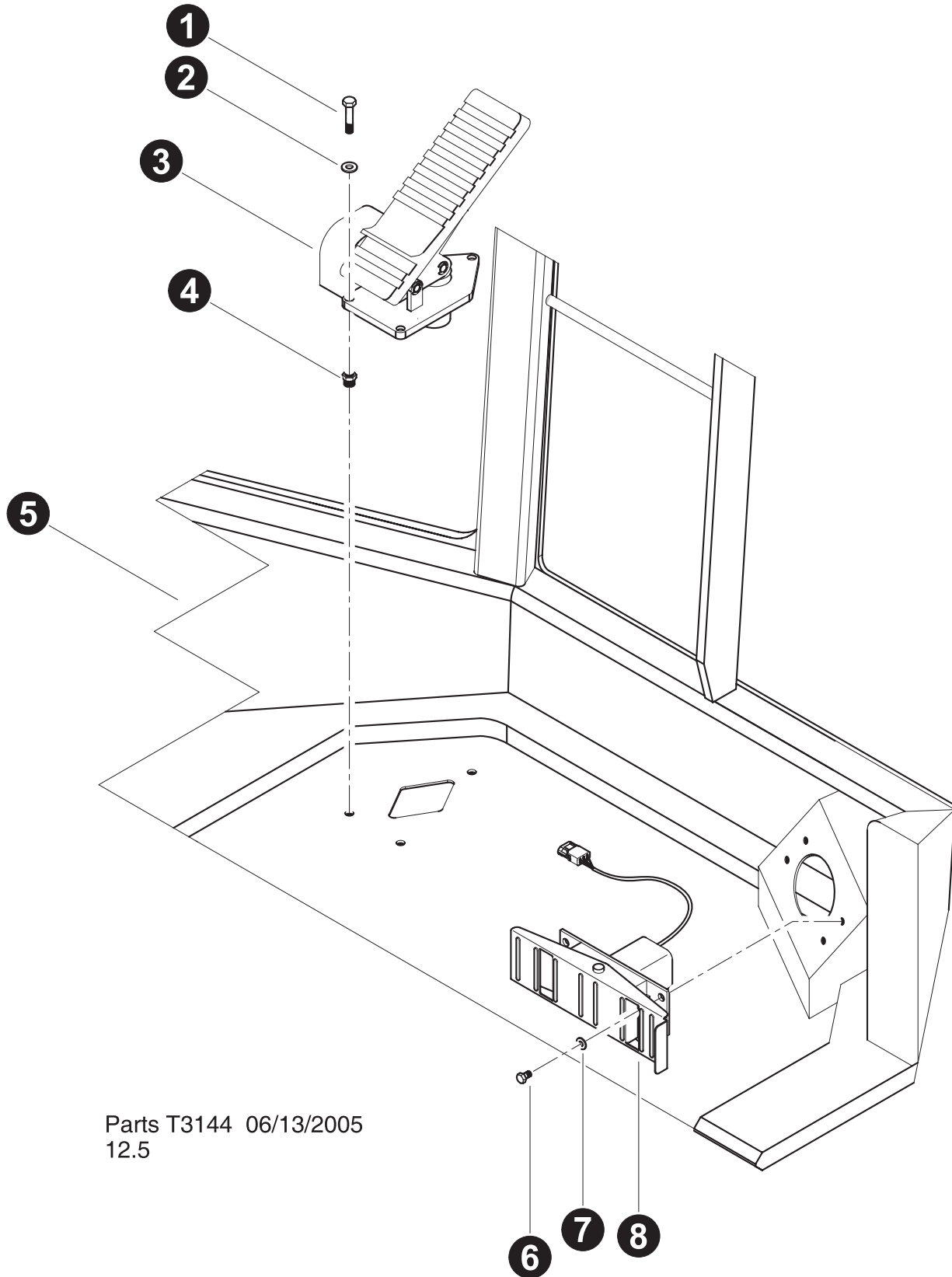


Parts T3142 06/13/2005  
9.375

## OPERATOR'S SEAT INSTALLATION




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SEAT ASSEMBLY . . . . .	OC-3
2	REF.	1	 AC / HEATER UNIT ASSEMBLY . . . . .	OC-4
3	10812-OC	4	NUT, LOCK - .3125"	
4	15559-OC	4	WASHER, SAE FLAT - .3125"	
5	22666-OC	4	WASHER, SAE FLAT - .5" (EXTRA THICK)	
6	10815-OC	4	NUT, LOCK - .5"	
7	REF.	1	 OPERATOR'S CAB . . . . .	OC-1

 See referenced page for component or assembly breakdown.

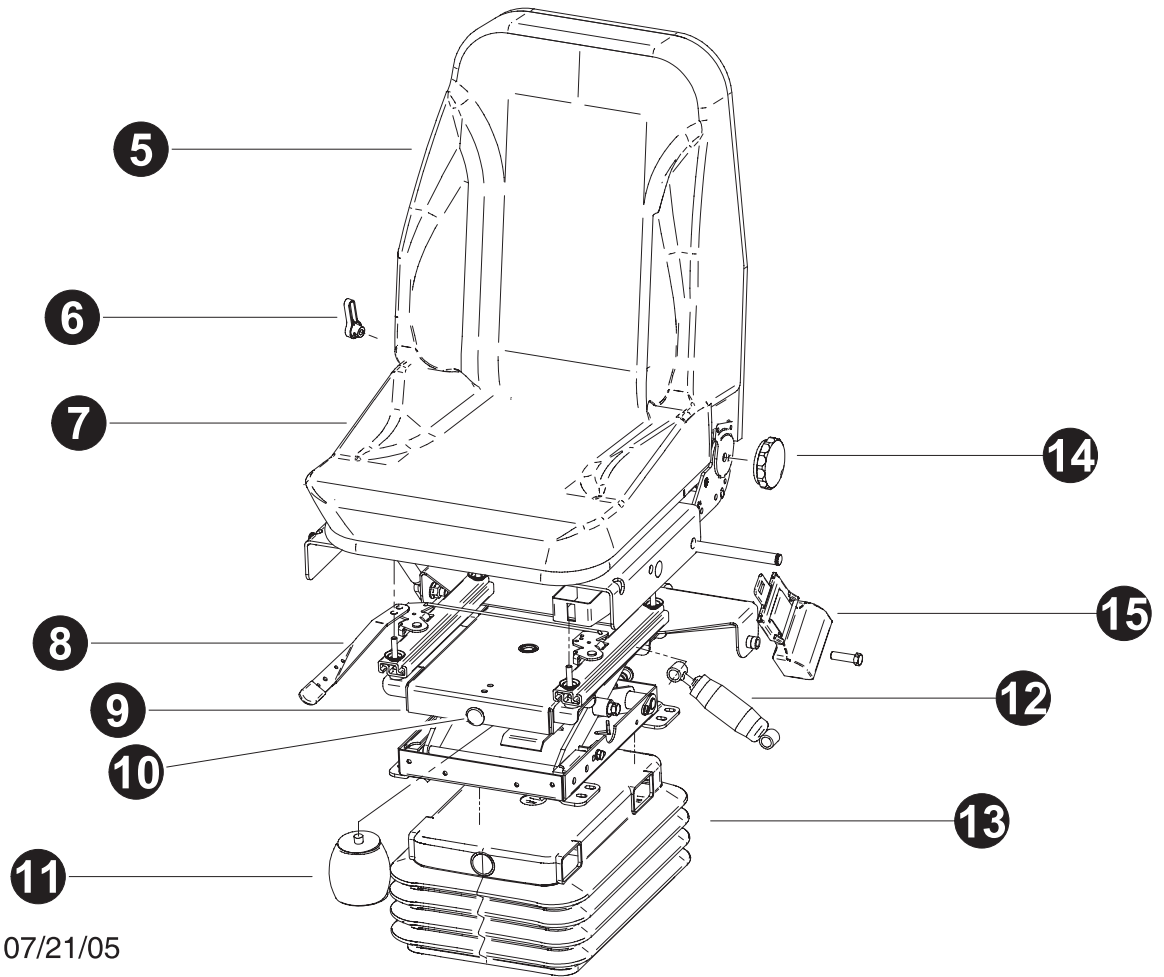
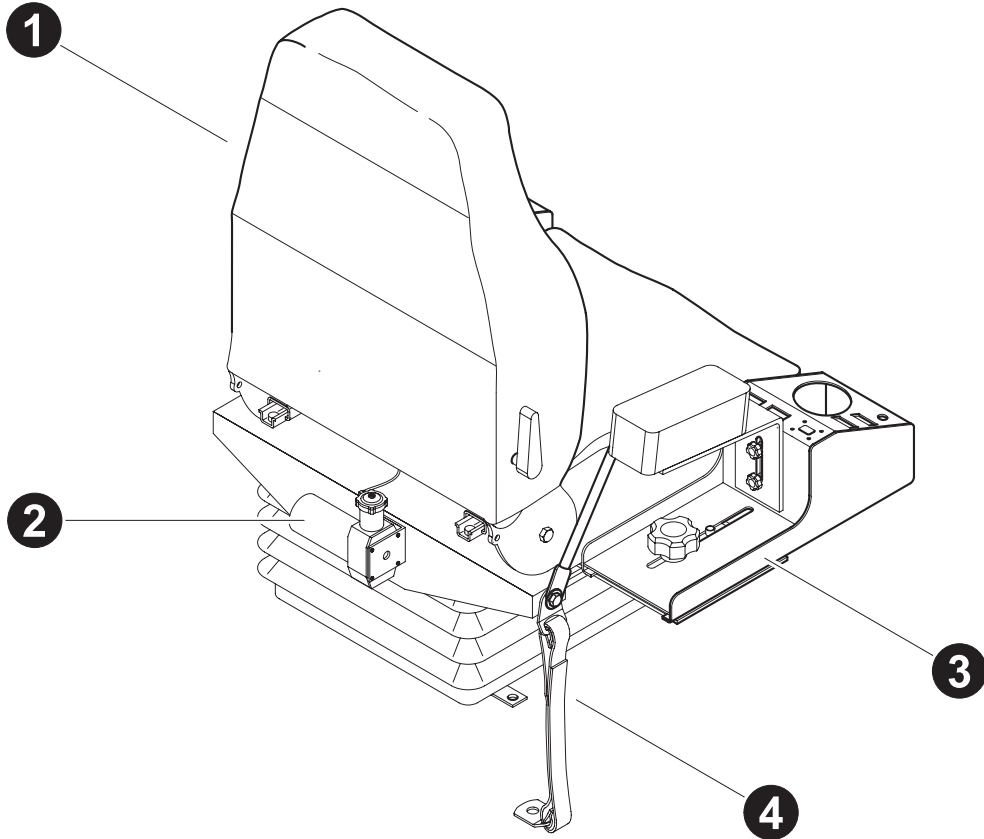


Parts T3144 06/13/2005  
12.5

## FOOT PEDALS INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10823-OC	3	BOLT - .3125" X 2"	
2	15559-OC	3	WASHER, SAE FLAT - .3125"	
3	REF.	1	 TRAVEL BRAKE FOOT PEDAL . . . . .	ES
4	16018-OC	3	BUSHING, REDUCER - 6405-6-4	
5	REF.	1	 OPERATOR'S CAB . . . . .	OC-1
6	15604-OC	4	BOLT - .25" X .75"	
7	10757-OC	4	WASHER, SAE FLAT - .25"	
8	REF.	1	 WHEEL DRIVE FOOT CONTROL . . . . .	ES

 See referenced page for component or assembly breakdown.



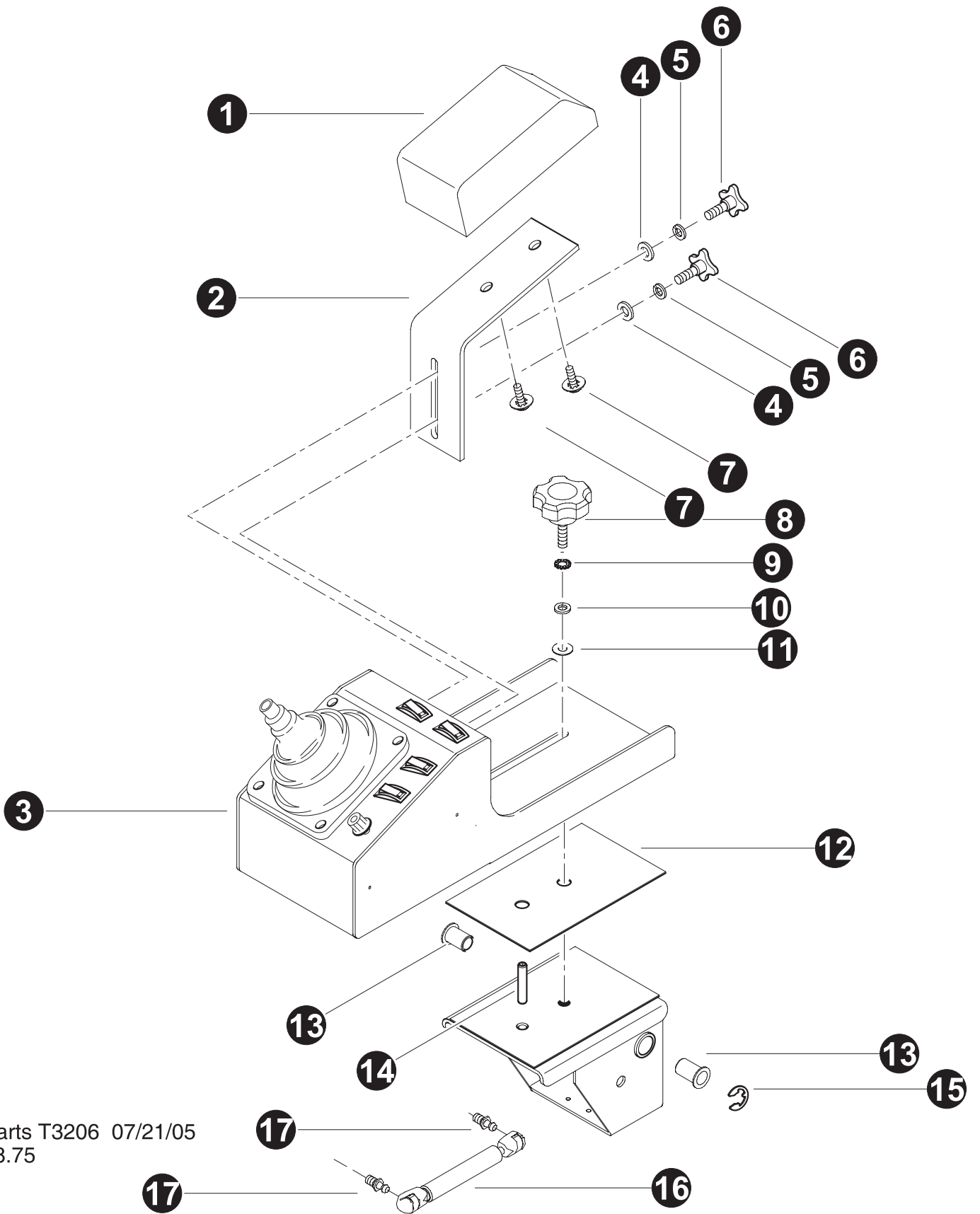
Parts T3207 07/21/05  
18.75

## OPERATOR'S SEAT BREAKDOWN

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51633-OC	1	<input type="checkbox"/> SEAT ASSY, AIR RIDE and HEATER	
2	52077-OC	1	COMPRESSOR, air ride seat (24 VOLT)	
3	REF.	1	<input type="checkbox"/> JOYSTICK CONTROL ARM ASSEMBLY.....	OC-3
4		1	KIT, tethers (104949 PS)	
5		1	COVER, top seat back (308098 DN)	
6		1	LEVER, lumbar adjustment	
7		1	COVER, bottom seat (307025 DN)	
8		1	TRACK SET, adjustable slides (179837 PS)	
9		1	<input type="checkbox"/> SUSPENTION, low profile w/air (108106 PS)	
10		1	VALVE, air ride with hardware (102715 PS)	
11		1	SPRING, air bag (103351 PS)	
12		1	SHOCK, heavy duty (102362 PS)	
13		1	BELLOWS, suspension cover (102805 PS)	
14		1	KNOB, recliner adjustment (101965 PS)	
15		1	SEAT BELT, retractable (103041 PS)	

Assembly or Kit - includes all items indented underneath.

See referenced page for component or assembly breakdown.



Parts T3206 07/21/05  
18.75



## OPERATOR'S CONTROL ARM BREAKDOWN

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1		1	PAD, arm rest	
2	51942-OC	1	BRACKET, ARM REST	
3	REF	1	JOYSTICK BRACKET ASSEMBLY .....	ES-3
4	15528-OC	2	WASHER, SAE FLAT - .375"	
5	10701-OC	2	WASHER, LOCK - .375"	
6		2	KNOB, arm rest adjustment	
7		2	BOLT,	
8		1	<input type="checkbox"/> KNOB, control arm adjustment (104089 PS)	
9		1	WASHER, serrated lock - .375"	
10	15528-OC	1	WASHER, SAE FLAT - .375"	
11		1	WASHER, plastic slide 3/8"	
12		1	SLIDER, control arm (505638 PS)	
13		2	BUSHING, plastic (707606 PS)	
14		1	PIN, roll (708325 PS)	
15		1	RING, retaining (707616 PS)	
16		1	<input type="checkbox"/> KIT, gas spring (104099 PS)	
17		2	BOLT, spring mounts	

Assembly or Kit - includes all items indented underneath.

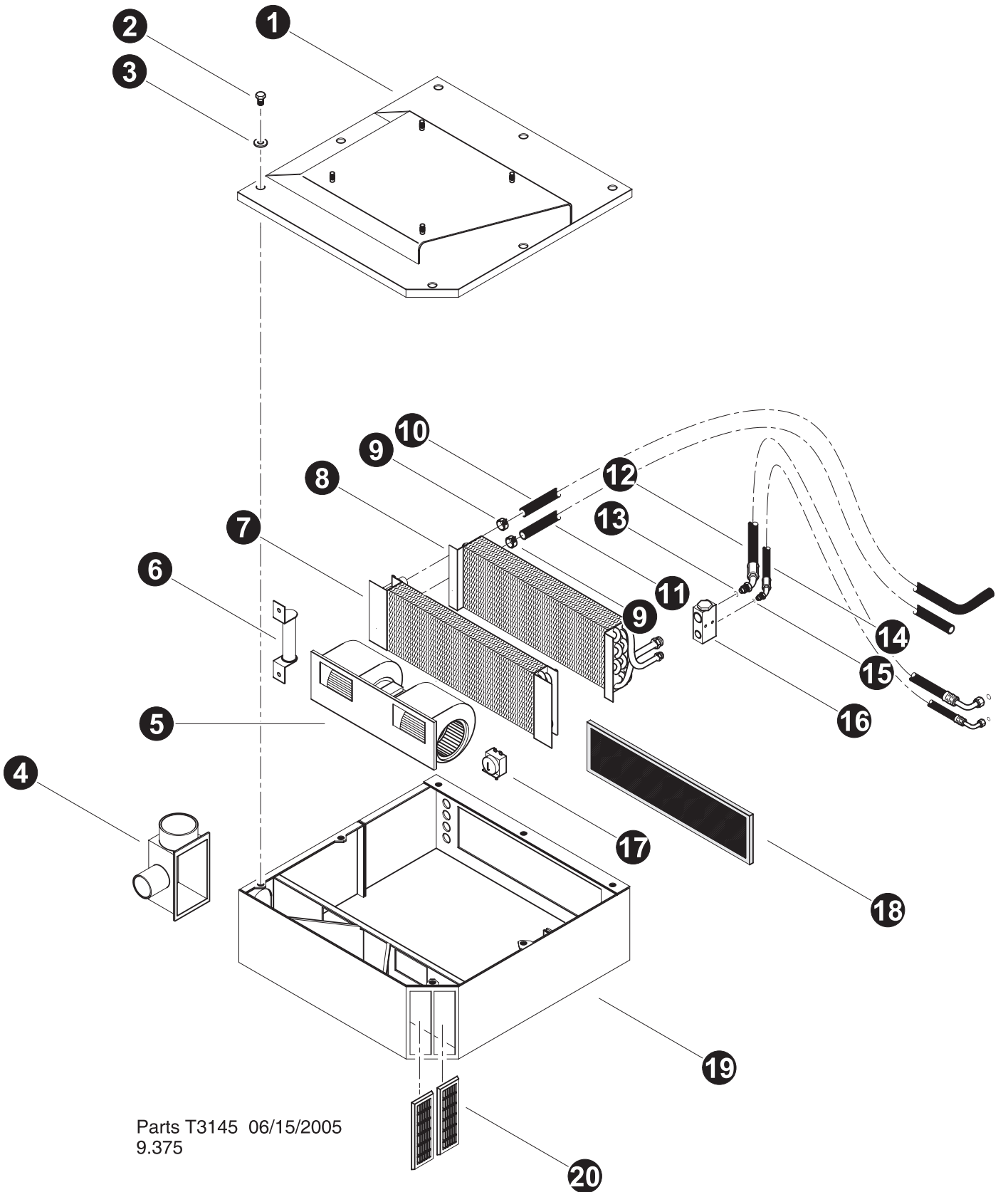
 See referenced page for component or assembly breakdown.



# ***Section OC-4***

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## ***Operator's Cab - Air Conditioner / Heater Unit***

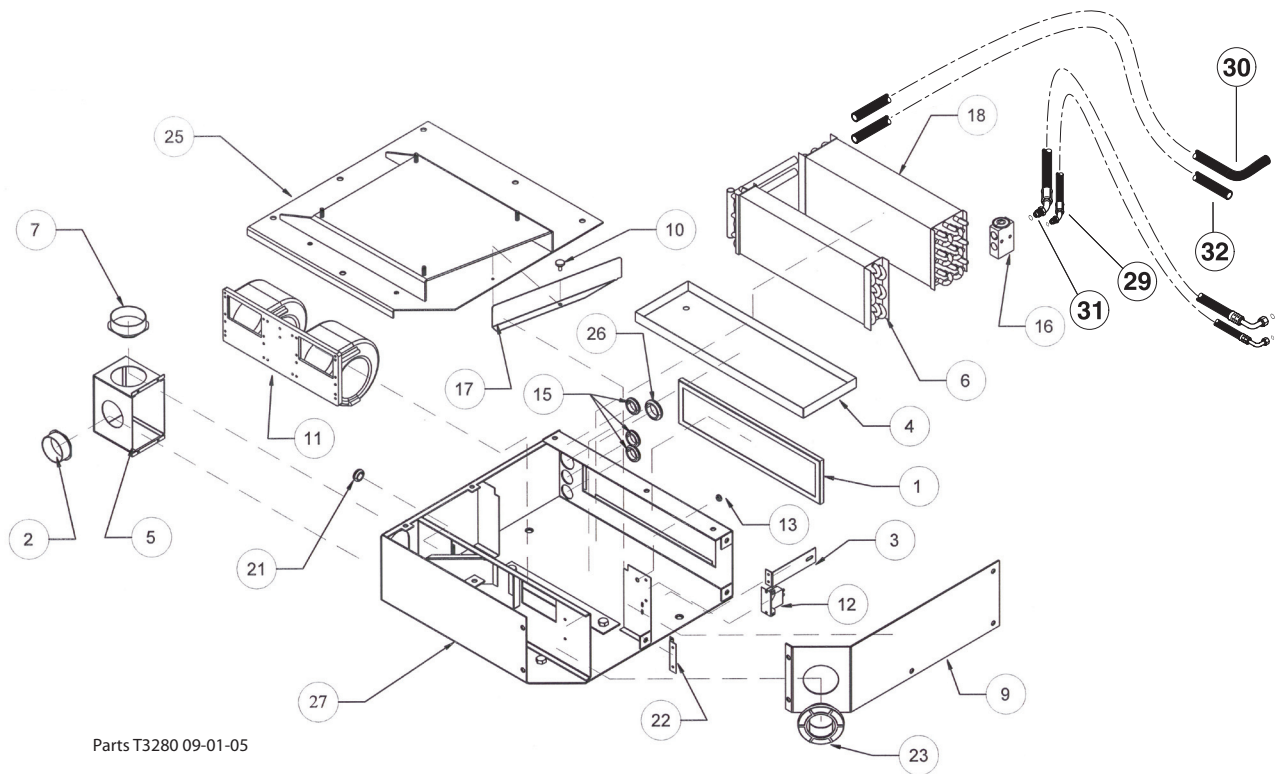


Parts T3145 06/15/2005  
9.375

**AIR CONDITIONER / HEATER UNIT****(machines - 0098 thru. 0114, 0116, 0117, & 0120)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51688-OC	1	<input type="checkbox"/> KIT, HEATER/ AC - EAGLE	
1		1	COVER, SEAT MOUNT (103071)	
2	15542-OC	7	BOLT - .375" X .75"	
3	15528-OC	7	WASHER, SAE FLAT - .375"	
4		1	COVER, AIR DUCT	
5		1	BLOWER ASSEMBLY (405833)	
6		1	RESISTOR, FAN SPEED CONTROL (405414)	
7		1	HEATER COIL (405607)	
8		1	EVAPORATOR COIL (405608)	
9		2	CLAMP, HOSE (301159)	
10		1	HOSE, 90 formed (407608)	
11		1	HOSE, 5/8" bulk (090016)	
12		1	HOSE ASSEMBLY #10 (490727)	
13		1	O-RING #10 (405864)	
14		1	HOSE ASSEMBLY #06 (490726)	
15		1	O-RING #06 (405862)	
16		1	EXPANSION VALVE (405017)	
17		1	SWITCH, THEROSTAT (404968)	
18		1	FILTER, INTAKE AC-HEAT (402332)	
19		1	HOUSING, MAIN (203175)	
20		2	LOUVER, RECTANGLE (405687)	
-		1	WIRING HARNESS (420377)	

Kit or Assembly includes all items Underneath

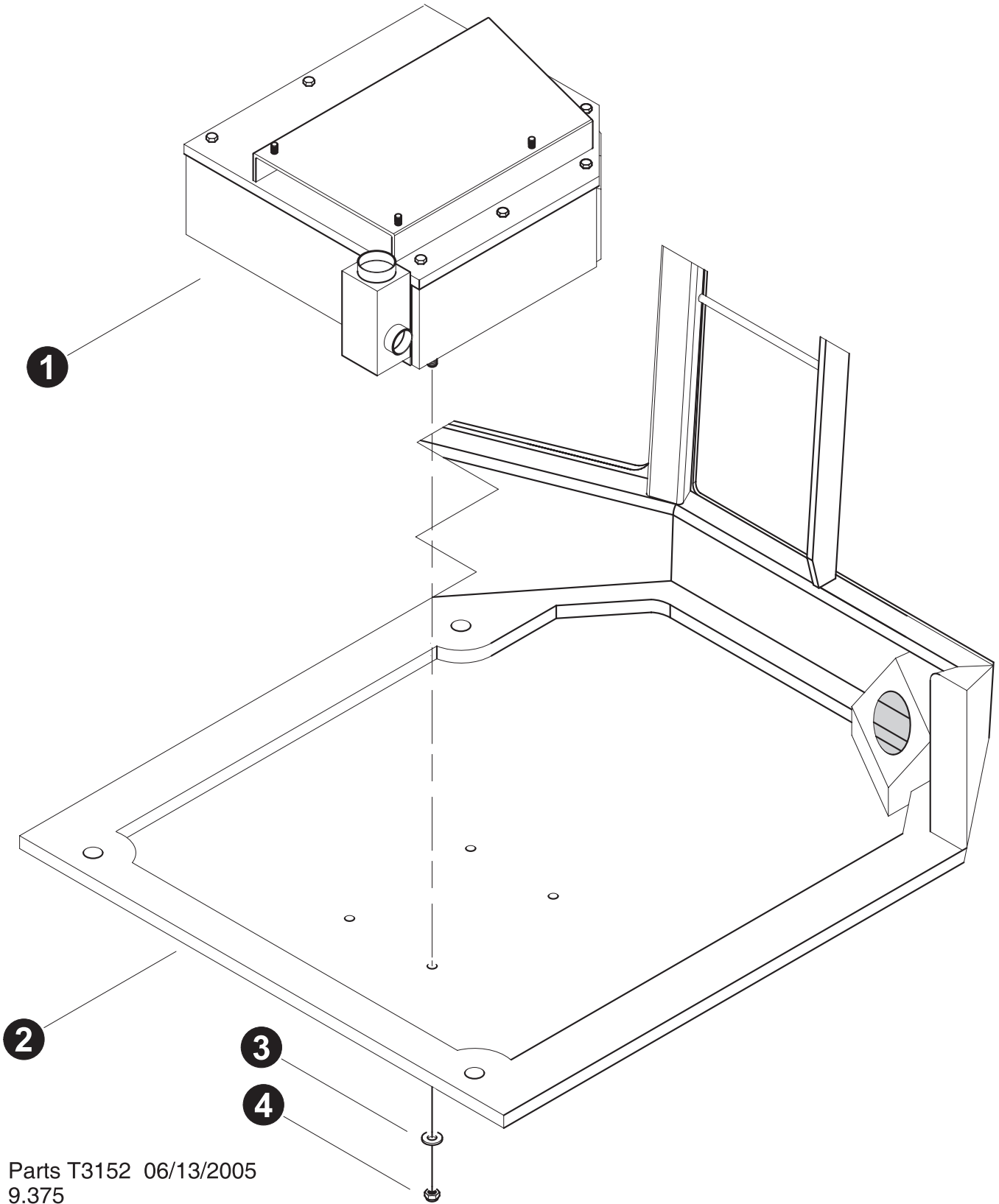


Parts T3280 09-01-05

**AIR CONDITIONER / HEATER UNIT****(machines - 0121 and above)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52104-OC	1	<input type="checkbox"/> KIT, HEATER/AC - BADGER (830/630)	
1	-OC	1	FILTER, (BT8-1038)	
2	-OC	1	ADAPTER, HOSE - 2.5" (BT2-0998)	
3	-OC	1	SUPPORT, EXP VALVE (BA-765978-6)	
4	-OC	1	PAN, DRAIN (BA6-0940)	
5	-OC	1	BOX, HOSE ADAPTER (BA-765-978-28)	
6	-OC	1	HEATER CORE (BA6-1007)	
7	-OC	1	ADAPTER, HOSE -3" (BT2-1024)	
8	15542-OC	11	BOLT - .375" X .75"	
9	-OC	1	PANEL, ACCESS (BA-765-978-27)	
10	-OC	1	KNOB (BT0-0787)	
11	-OC	1	BLOWER ASSEMBLY - 24V (BT3-0104-4)	
12	-OC	1	THEROSTAT (R-71-3200)	
13	-OC	1	GROMMET - .25" X .375" (2074)	
14	15528-OC	11	WASHER, SAE FLAT - .375"	
15	-OC	3	GROMMET - 1" X 1.75" (BA0-1014)	
16	-OC	1	VALVE, EXPANSION (R-71-8300)	
17	-OC	1	COVER, SEAT MOUNT( BA-765-978-19)	
18	-OC	1	COIL, EVAPORATOR (BA6-1008)	
19	-OC	1	NUT, 1/4" SPN LOCK (ODV3)	
20	-OC	1	BOLT, 1/4" - 24 X 1.5" (B106)	
21	-OC	1	GROMMET - 1.125" X .625" (BA0-1000)	
22	-OC	1	BRACKET, SIDE BLOWER (BA-765-978-25)	
23	-OC	1	DIFFUSER (BT2-1019)	
24	-OC	6	BOLT, 10-24 X .50" (1XWP)	
25	-OC	1	COVER ASSEMBLY (BA-765-978-26)	
26	-OC	1	GROMMET - 1.3125" X 2" (BA0-1013)	
27	-OC	1	HOUSING PEDESTAL (BA-765-978)	
28	-OC	6	NUT, 10-24 (ODVO)	
29	-OC	1	HOSE, AC - #6 (BA-765-H6)	
30	-OC	1	HOSE, HEATER - PRE FORMED (BA9-0800)	
31	-OC	1	HOSE, AC - #10-12 (BA-765-H12)	
32	-OC	31"	HOSE, HEATER - 5/8" (H-153-B)	



Kit or Assembly includes all items Underneath



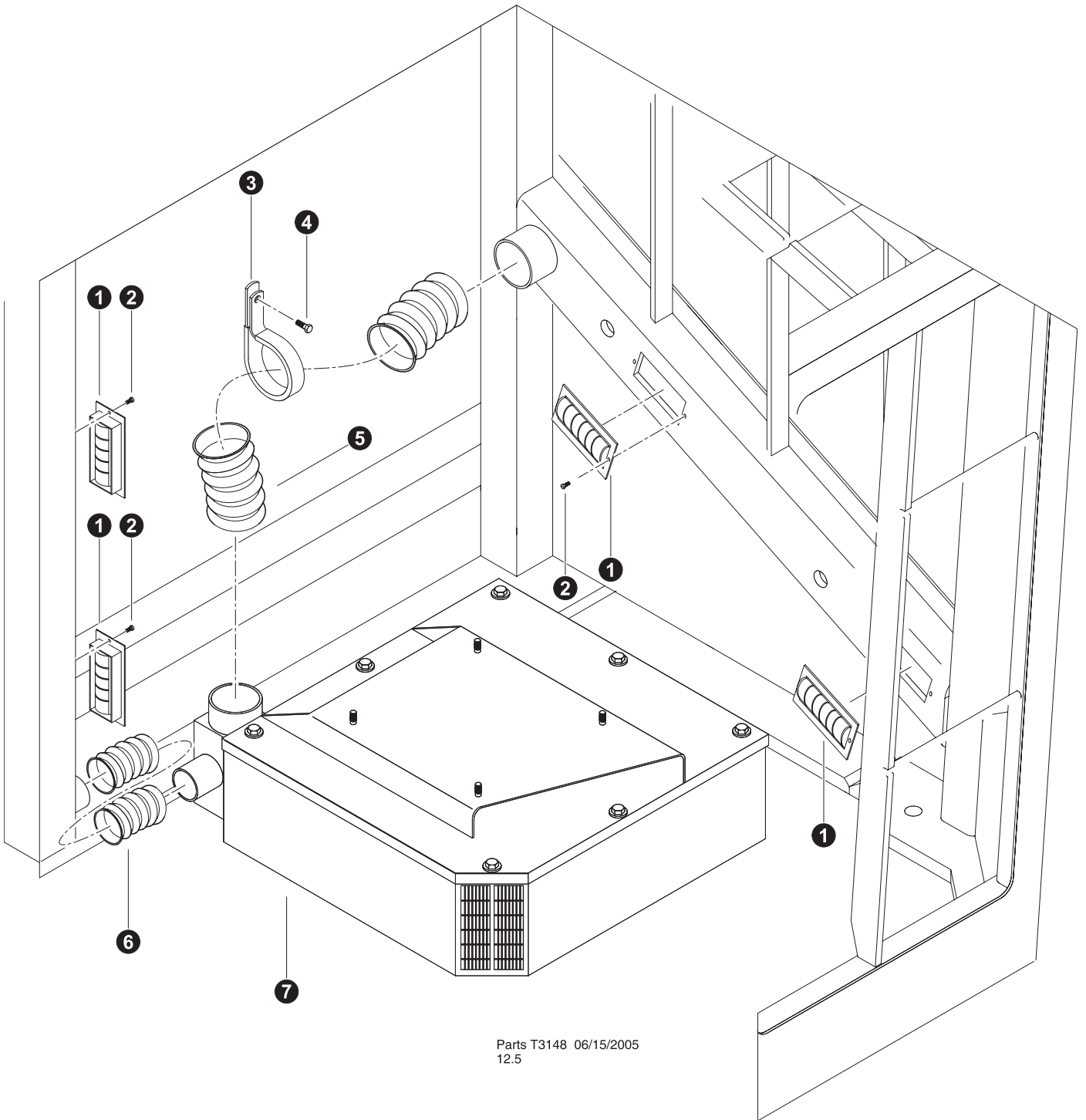


**AIR CONDITIONER / HEATER UNIT**

**(Installation)**  
**(machines - 0098 thru. 0114, 0116, 0117, & 0120)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AIR CONDITIONER / HEATER UNIT.....	OC-4
2	REF.	1	 OPERATOR'S CAB ASSEMBLY .....	OC-1
3	50464-OC	4	WASHER, SAE FLAT - .75" (EXTRA THICK)	
4	10815-OC	4	NUT, LOCK - .5"	




Kit or Assembly includes all items Underneath






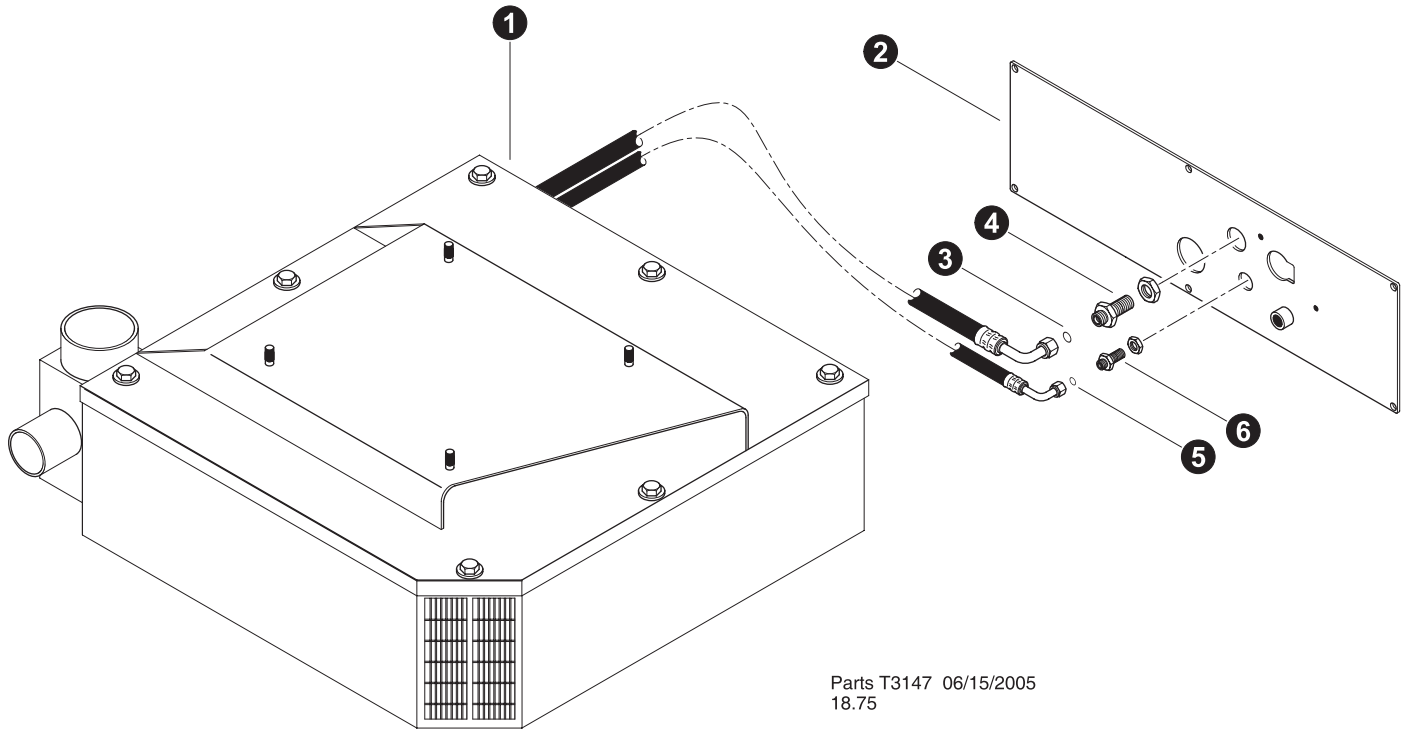
Parts T3148 06/15/2005  
12.5

## AIR CONDITONER / HEATER DUCT INSTALLATION

**(machines - 0098 thru. 0114, 0116, 0117, & 0120)**


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51640-OC	4	VENT, LOUVER - CAB HEAT (TF830)	
2	-OC	8	SCREW, self-tapping - #6 x 1/2" (84933)	
3	51795-OC	1	CLAMP, rubber coated - 3 1/2"	
4	17255-OC	1	SCREW, SELF TAPPING - #10-24 X .75"	
5	-OC	AR	 HOSE, flexible - 3"	
6	50938-OC	AR	 HOSE, flexible - 2 1/2"	
7	REF.	1	 AIR CONDITIONER / HEATER UNIT.....	OC-4

-  Built material - order length rquired in feet or meters.
-  Kit or Assembly - includes all items indented underneath.
-  See referenced page for component or assembly breakdown.

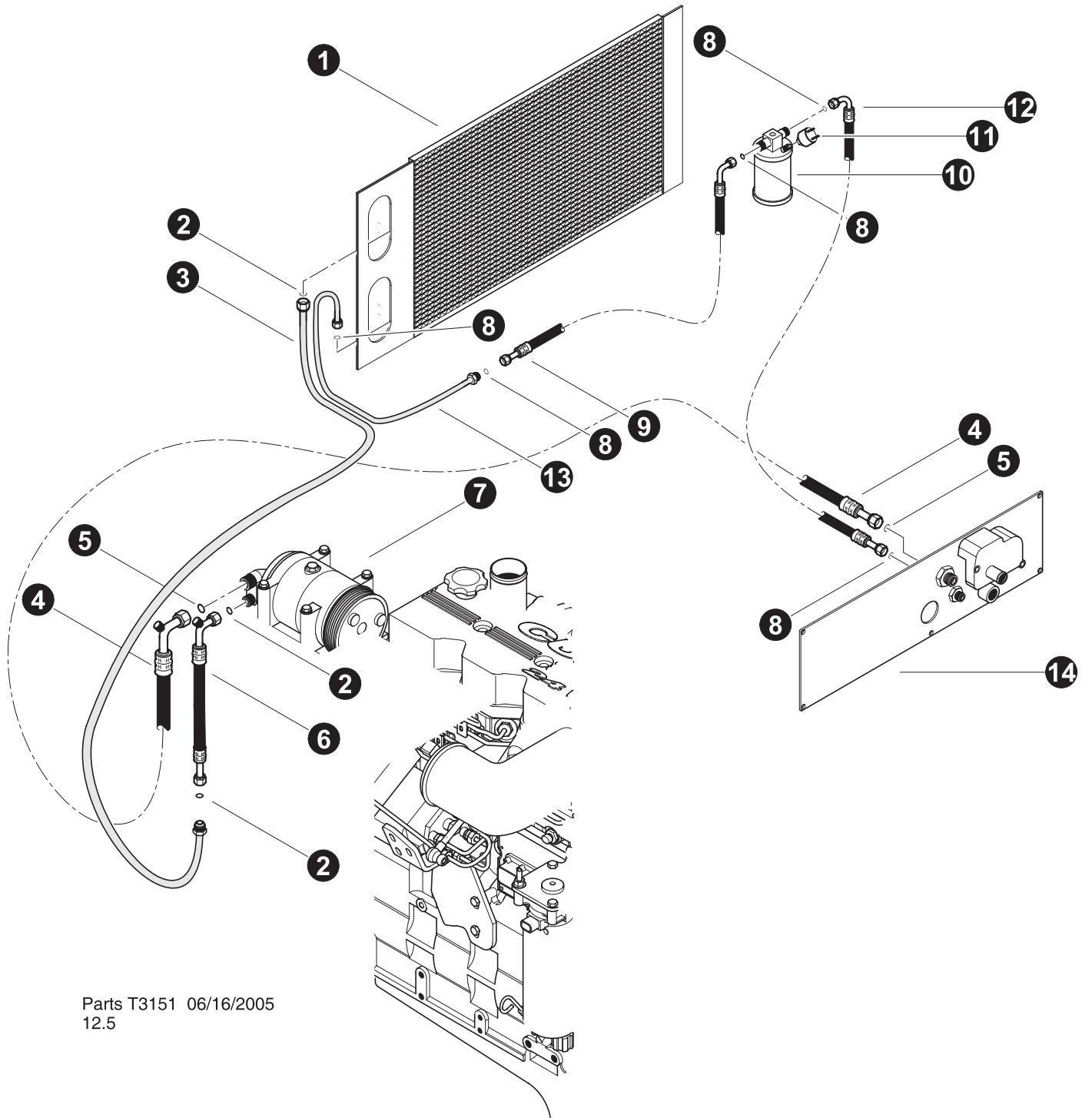


Parts T3147 06/15/2005  
18.75

## AIR CONDITIONER LINES (Cab Interior)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AIR CONDITIONER / HEATER UNIT.....	OC-4
2	51949-OC	1	BULKHEAD PLATE, CAB SIDE	
3		1	O-RING #10 (405864)	
4	50944-OC	1	CONNECTOR, straight bulkhead - #10	
5		1	O-RING #06 (405862)	
6	50943-OC	1	CONNECTOR, straight bulkhead - #6	


See referenced page for component or assembly breakdown.



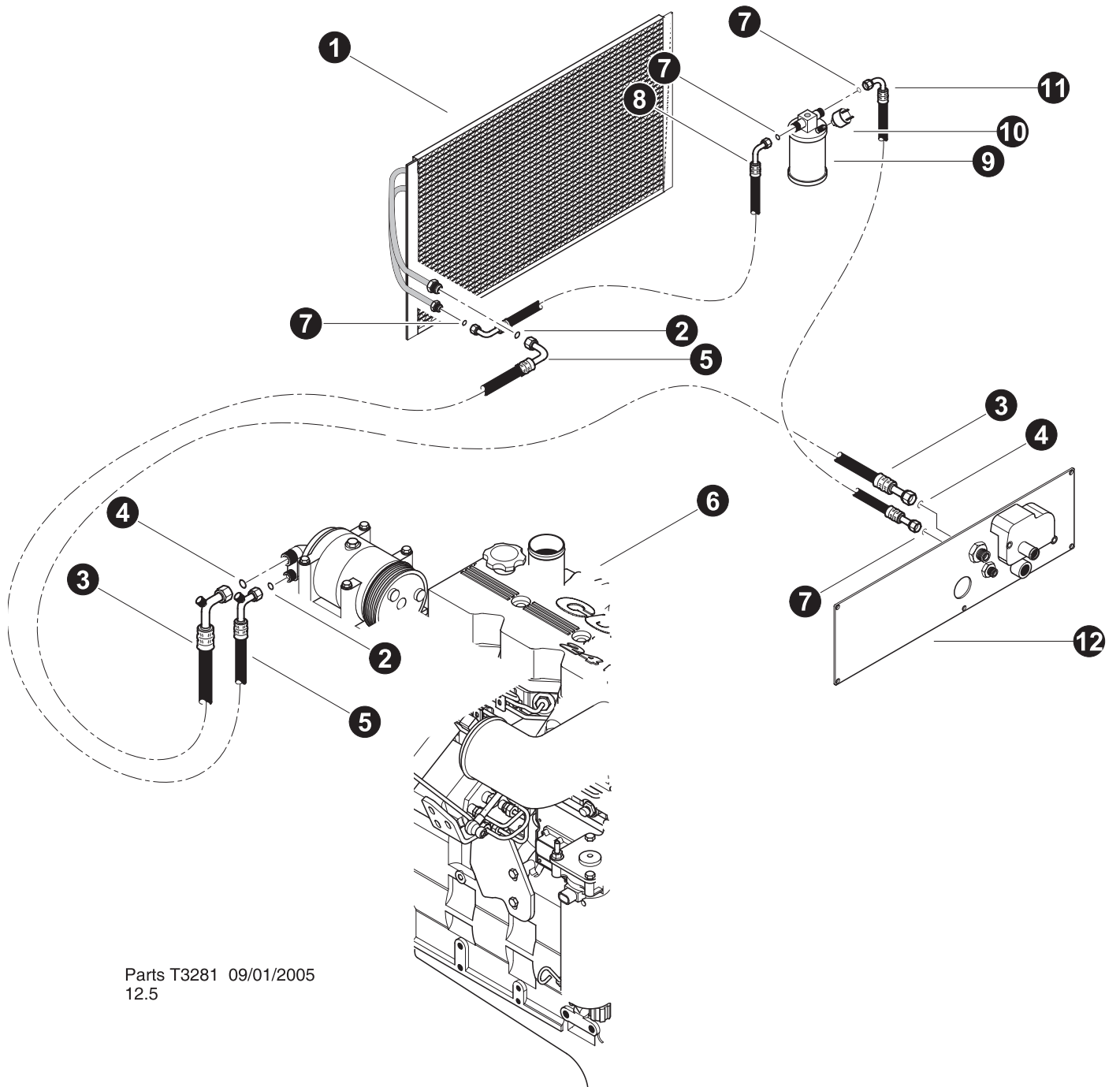
Parts T3151 06/16/2005  
12.5

## AIR CONDITIONER LINES (Cab Exterior)

**(machines - 0098 thru. 0114, 0116, 0117, & 0120)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52080-OC	1	CONDENSER, A/C Eagle Unit (830-630)	
2	-OC	3	O-RING #08 (405863)	
3	-OC	1	TUBING, 1/2" CONDENSOR LINE (830-630)	
4	-OC	1	HOSE, air conditioner - #10 x 119" (Female 90°/Female STR) (Compressor to Cab Bulkhead)	
5		2	O-RING #10 (405864)	
6	-OC	1	HOSE, air conditioner - #8 x 13.5" (Female 90°/Female STR) (Compressor to Condensor tubing inlet)	
7	REF	1	CUMMINS QSC ENGINE ASSEMBLY . . . . .	EE-1
8		5	O-RING #06 (405862)	
9	-OC	1	HOSE, air conditioner - #6 x 40" (Female 90°/Female STR) (Condensor tubing outlet to Drier inlet)	
10	50937-OC	1	DRIER, A/C - (EAGLE 24V SYSTEM)	
11	50951-OC	1	SWITCH, binary (Eagle unit)	
12	-OC	1	HOSE, air conditioner - #6 x 78" (Female 90°/Female STR) (Drier outlet to Cab Bulkhead)	
13	-OC	1	TUBING, 3/8" CONDENSOR LINE (830-630)	
14	REF.	1	 BULKHEAD PLATE ASSEMBLY . . . . .	OC-4

 See referenced page for component or assembly breakdown.





Parts T3281 09/01/2005  
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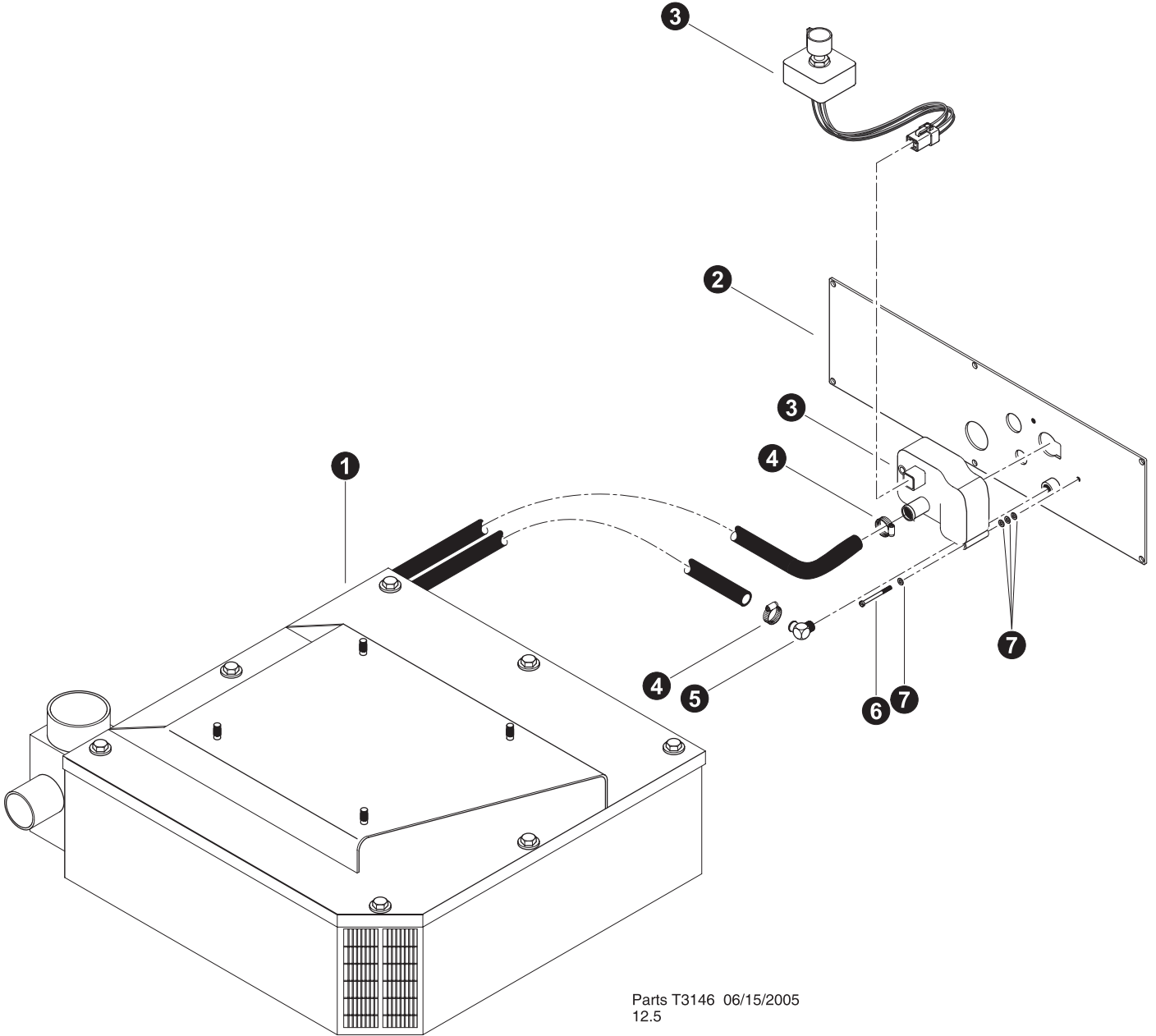


## AIR CONDITIONER LINES (Cab Exterior)


**(machines - 0121 and above)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52156-OC	1	CONDENSER, A/C Badger Unit (830-630)	
2	-OC	3	O-RING #08 (405863)	
3	-OC	1	HOSE, air conditioner - #10 x 110" (Female 90°/Female STR) (TP-101) (Compressor to Cab Bulkhead)	
4		2	O-RING #10 (405864)	
5	-OC	1	HOSE, air conditioner - #8 x 16" (Female 90°/Female 90°) (TP-100) (Compressor to Condensor tubing inlet)	
6	REF	1	CUMMINS QSC ENGINE ASSEMBLY.....	EE-1
7		5	O-RING #06 (405862)	
8	-OC	1	HOSE, air conditioner - #6 x 80" (Female 90°/Female 90°) (TP-102) (Condensor tubing outlet to Drier inlet)	
9	50937-OC	1	DRIER, A/C - (EAGLE 24V SYSTEM)	
10	50951-OC	1	SWITCH, binary (Eagle unit)	
11	-OC	1	HOSE, air conditioner - #6 x 80" (Female 90°/Female STR) (TP-103) (Drier outlet to Cab Bulkhead)	
12	REF.	1	 BULKHEAD PLATE ASSEMBLY .....	OC-4

 See referenced page for component or assembly breakdown.

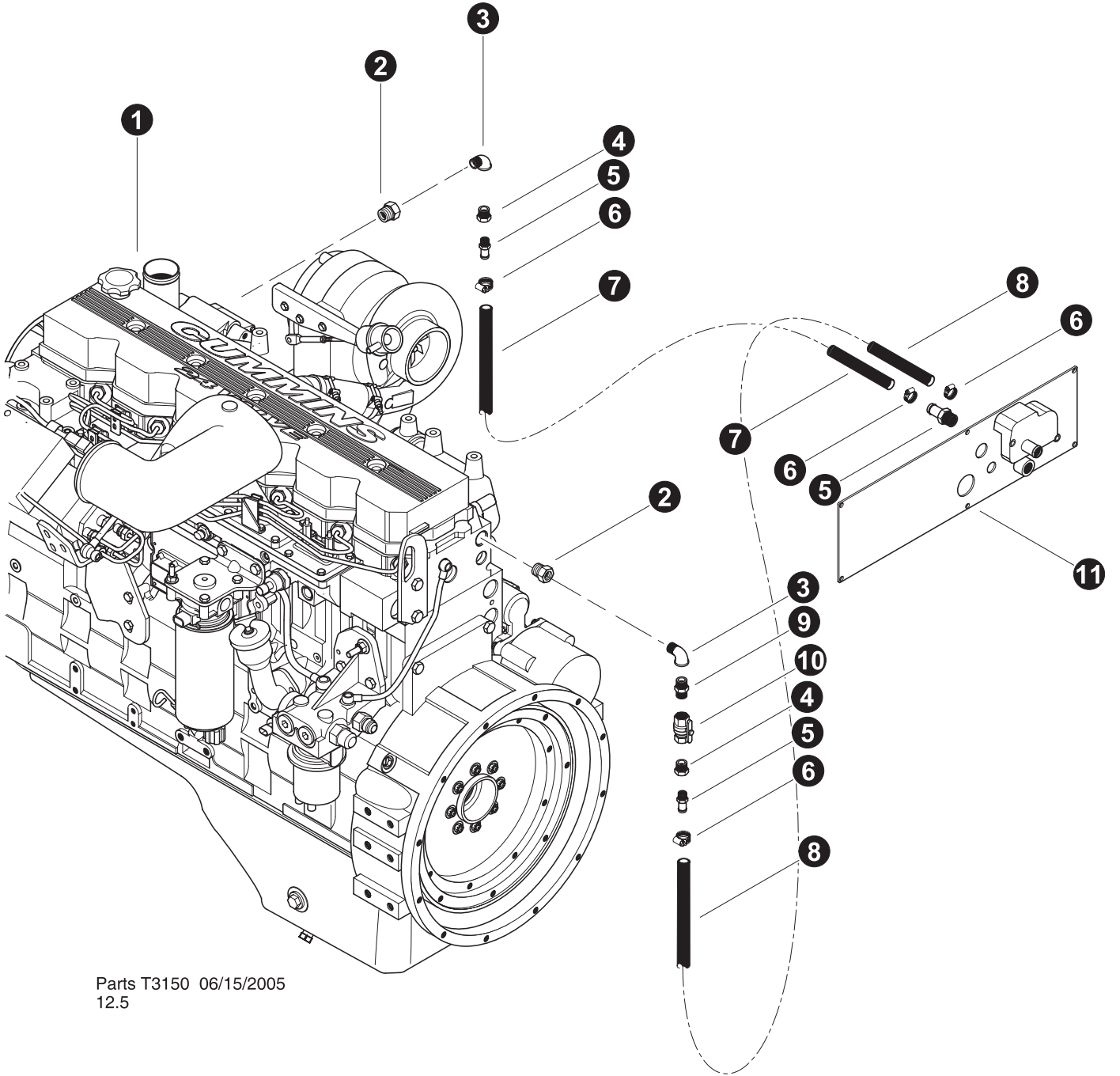


## HEATER LINES (Cab Interior)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AIR CONDITIONER / HEATER UNIT.....	OC-4
2	51949-OC	1	BULKHEAD PLATE, CAB SIDE	
3	50936-OC	1	VALVE, WATER - KIT (24v Eagle with Electronic Thermostat control)	
4	10759-OC	2	CLAMP, hose - worm style - 7/8"	
5	52081-OC	1	ELBOW, 90 BRASS - NIPPLE #6 npt x 5/8	
6	16127-OC	2	SCREW, MACHINE - #10-24 X 1.25"	
7	10800-OC	8	WASHER, FLAT - .25"	






Bulk material - order length required in feet or meters.  
See referenced page for component or assembly breakdown.



Parts T3150 06/15/2005  
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## HEATER LINES (Cab Exterior - Cummins QSC)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	CUMMINS QSC ENGINE ASSEMBLY .....	EE-1
2	15513-OC	2	BUSHING, REDUCER - 5406-12-8	
3	15660-OC	2	ELBOW, BLACK 90 STREET - .5"	
4	15630-OC	2	BUSHING, REDUCER - 5406-8-6	
5	51502-OC	3	NIPPLE, KING - .38NPT X .63 HOSE	
6	10759-OC	4	CLAMP, hose - worm style - 7/8"	
7	16717-OC	1	 HOSE, heater - 5/8" ( <i>Bulkhead to engine</i> )	
8	16717-OC	1	 HOSE, heater - 5/8" ( <i>Bulkhead to engine</i> )	
9	16126-OC	1	NIPPLE, CLOSE .5"	
10	51714-OC	1	VALVE, BALL - WATER SHUT OFF HEATER 1/2"	
11	REF.	1	 BULKHEAD PLATE ASSEMBLY .....	OC-4

 Bulk material - order length required in feet or meters.

 See referenced page for component or assembly breakdown.

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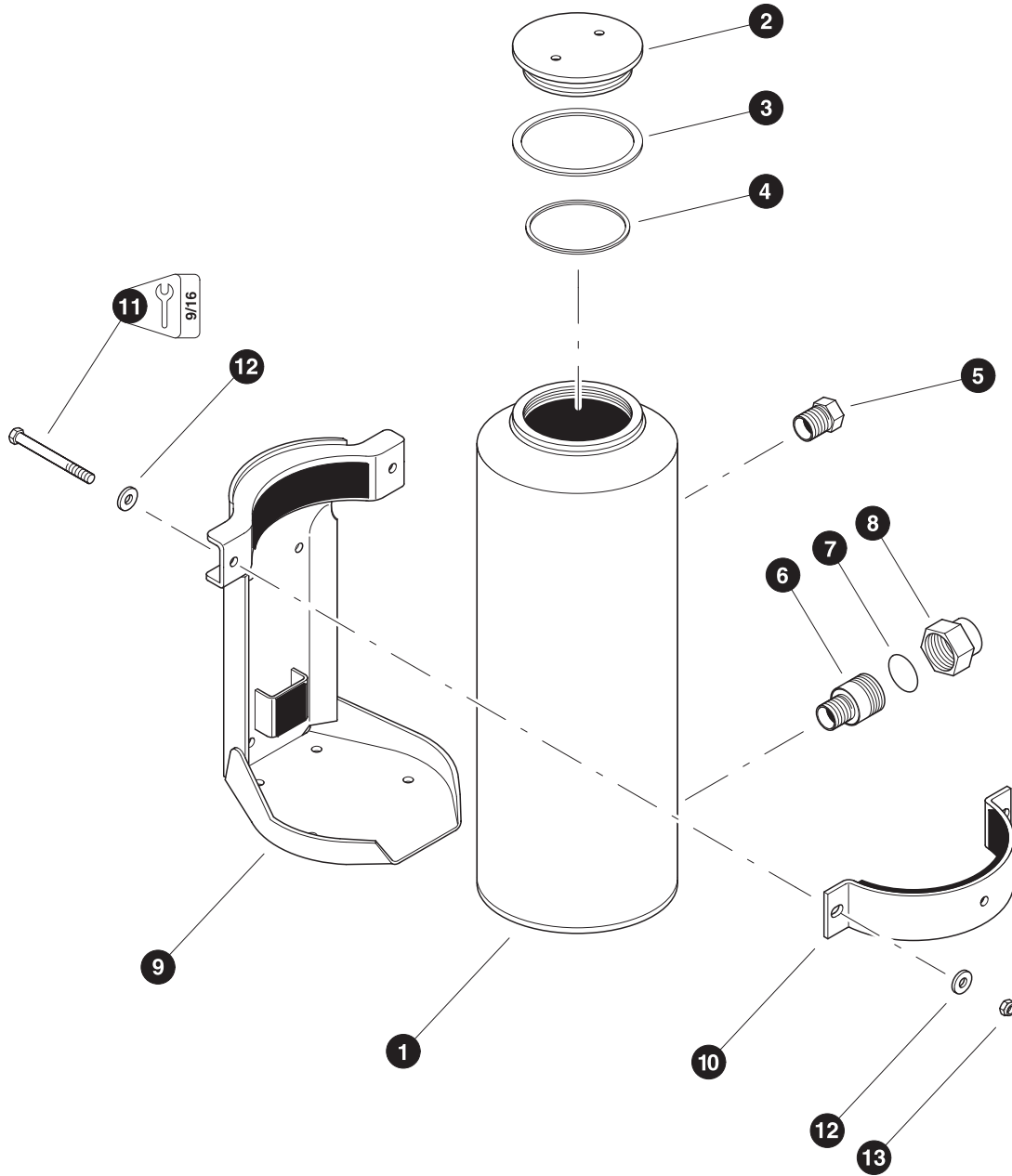
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# ***Section OC-5***

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## ***Operator's Cab - Optional Fire Suppression System***



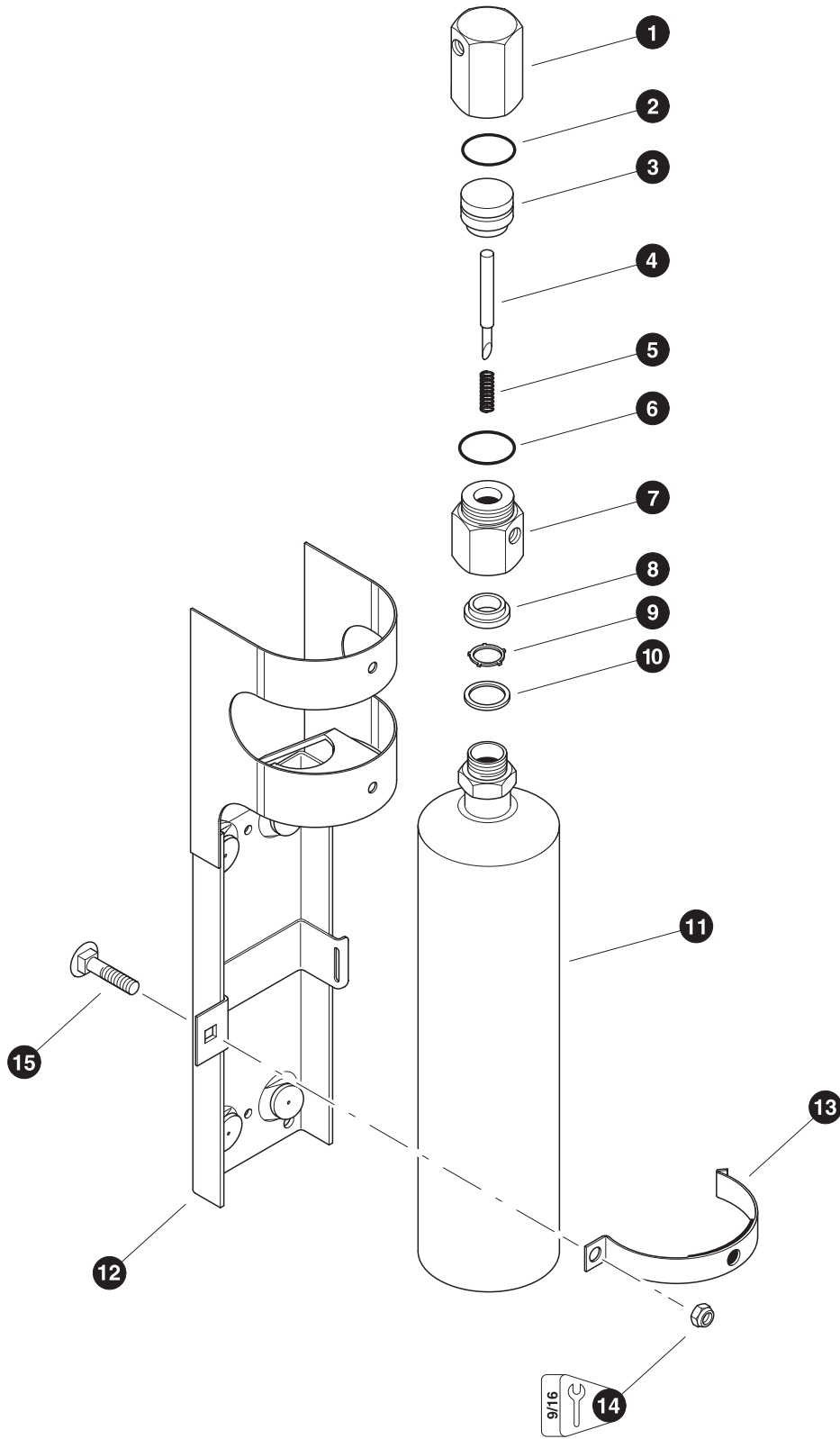
Parts 00595 10/17/2000  
25.0



**DRY CHEMICAL TANK**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	24616-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
1	NSS	1	DRY CHEMICAL TANK	
-	21235-OC	1	<input type="checkbox"/> FILL CAP ASSEMBLY	
2	NSS	1	CAP, fill	
3	21233-OC	1	GASKET	
4	21234-OC	1	RING, quad	
5	21236-OC	1	ADAPTER	
-	21237-OC	1	<input type="checkbox"/> BURSTING DISC UNION	
6	21238-OC	1	ADAPTER	
7	21239-OC	1	DISC, bursting	
8	21240-OC	1	RING, union tail piece	
-	21241-OC	1	<input type="checkbox"/> DRY CHEMICAL TANK BRACKET	
9	NSS	1	BRACKET, dry chemical tank	
	21244-OC	1	PAD, clamp arm	
	21245-OC	1	PAD, bumper	
	21246-OC	1	PAD, base	
10	21242-OC	1	CLAMP. band	
	21243-OC	1	PAD, band clamp	
11	15592-OC	2	BOLT - 3/8" x 4"	
12	15528-OC	4	WASHER, SAE flat - 3/8"	
13	15507-OC	2	NUT, nylock - 3/8"	

Kit or Assembly - includes all items indented underneath.

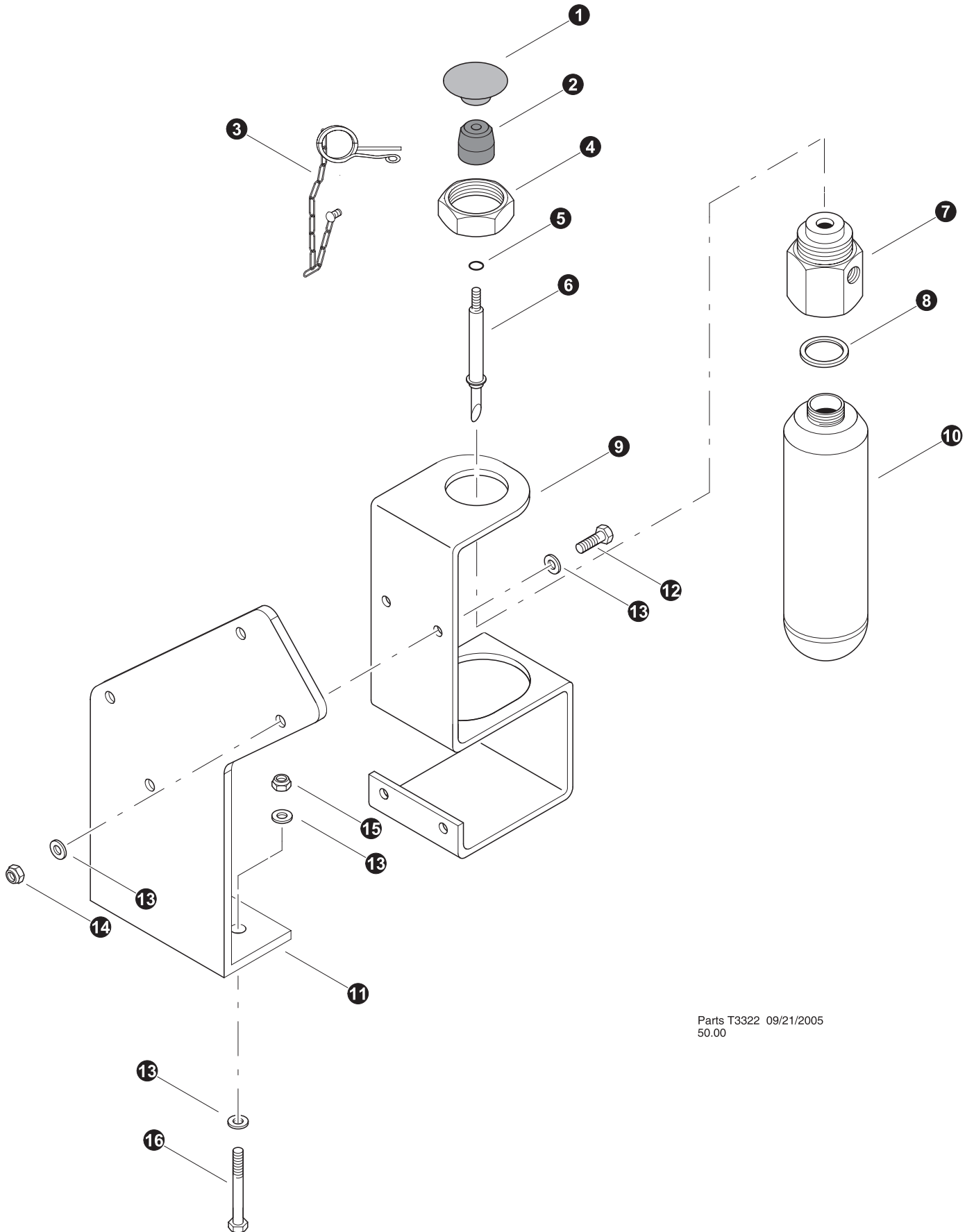


Parts 00596 10/17/2000  
37.50

**NITROGEN CYLINDER**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	24616-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	21248-OC	1	<input type="checkbox"/> PNEUMATIC ACTUATOR ASSEMBLY	
1	21249-OC	1	BODY, actuator - upper	
2	21250-OC	1	O-RING, slave piston	
3	21251-OC	1	PISTON, pneumatic slave	
4	21252-OC	1	PIN, puncture	
5	21253-OC	1	SPRING	
6	21254-OC	1	O-RING, actuator body	
7	21255-OC	1	BODY, actuator - lower	
8	21256-OC	1	WASHER	
9	21257-OC	1	RING, retaining	
10	21258-OC	1	GASKET	
11	21276-OC	1	CARTRIDGE, nitrogen ( <i>Includes shipping cap</i> )	
--	21260-OC	1	<input type="checkbox"/> BRACKET ASSEMBLY, nitrogen tank	
12	NSS	1	BRACKET, nitrogen cylinder	
13	21261-OC	1	ARM, clamp	
	21262-OC	1	PAD, clamp arm	
14	15507-OC	1	NUT, nylock - 3/8"	
15	21263-OC	1	BOLT, carriage - 3/8" x 1"	

Kit or Assembly - includes all items indented underneath.

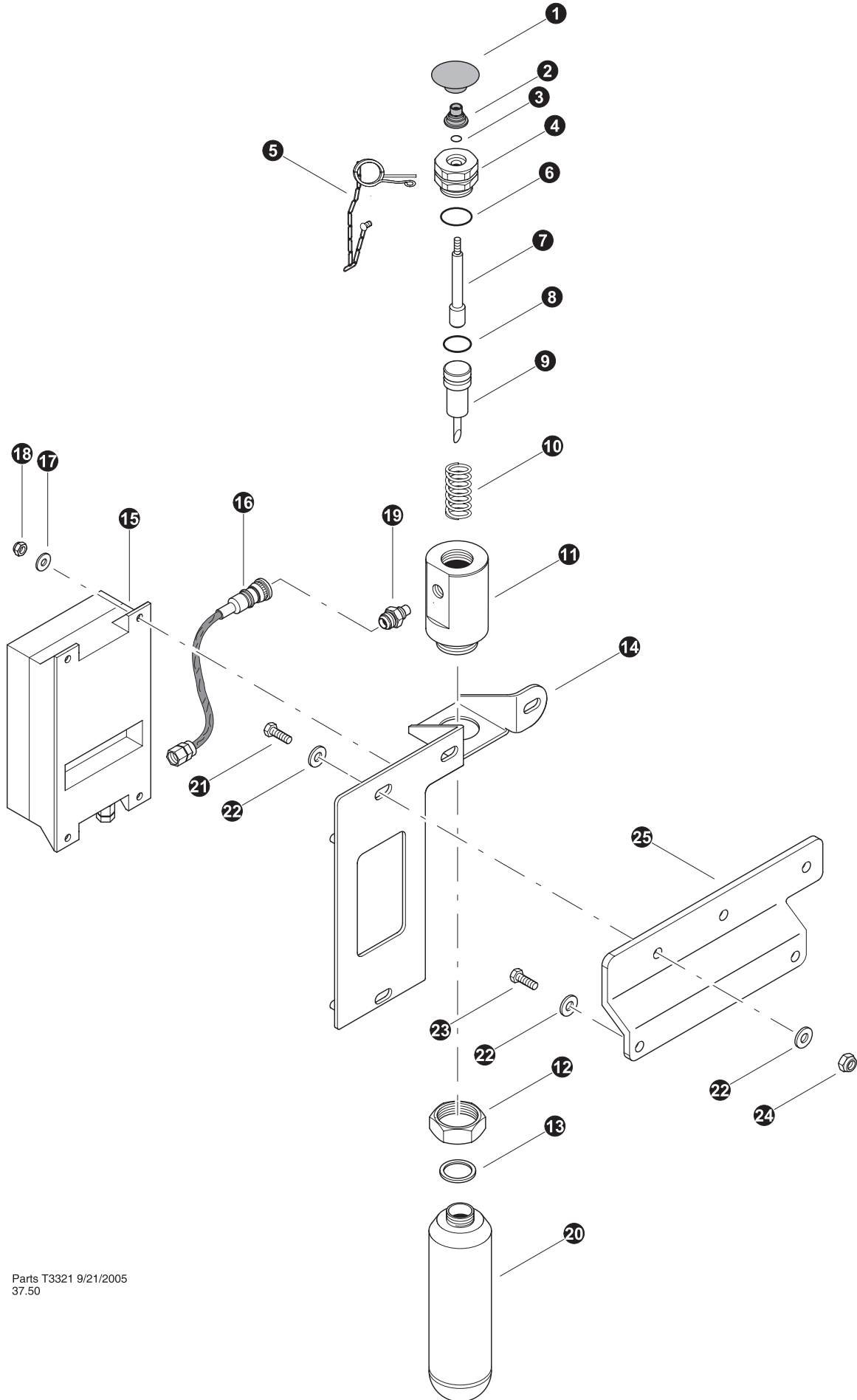


Parts T3322 09/21/2005  
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## MANUAL ACTUATOR (Exterior Mount)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	24616-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	21264-OC	1	<input type="checkbox"/> MANUAL ACTUATOR ASSEMBLY	
1	21265-OC	1	KNOB	
2	21266-OC	1	BOOT	
3	21272-OC	1	PIN, safety ring	
	21273-OC	1	CHAIN	
	21274-OC	1	SCREW, drive	
	21275-OC	1	WIRE, lead seal ( <i>Not shown</i> )	
4	21267-OC	1	NUT, jam	
5	21270-OC	1	O-RING, puncture pin	
6	21271-OC	1	PIN, puncture	
7	21269-OC	1	BODY, actuator	
8	21258-OC	1	GASKET	
9	21268-OC	1	BRACKET, manual actuator	
10	21259-OC	1	CARTRIDGE, manual actuator ( <i>Includes shipping cap</i> )	
11	51937-OC	1	BRACKET, FIRE SUPPRESSION MANUAL ACTUATOR	
12	15576-OC	2	BOLT - .25" X 1"	
13	10757-OC	6	WASHER, SAE FLAT - .25"	
14	15509-OC	2	NUT, NYLOCK - .25"	
15	15509-OC	2	NUT, NYLOCK - .25"	
16	15568-OC	2	BOLT - .25" X 2"	

Kit or Assembly - includes all items indented underneath.

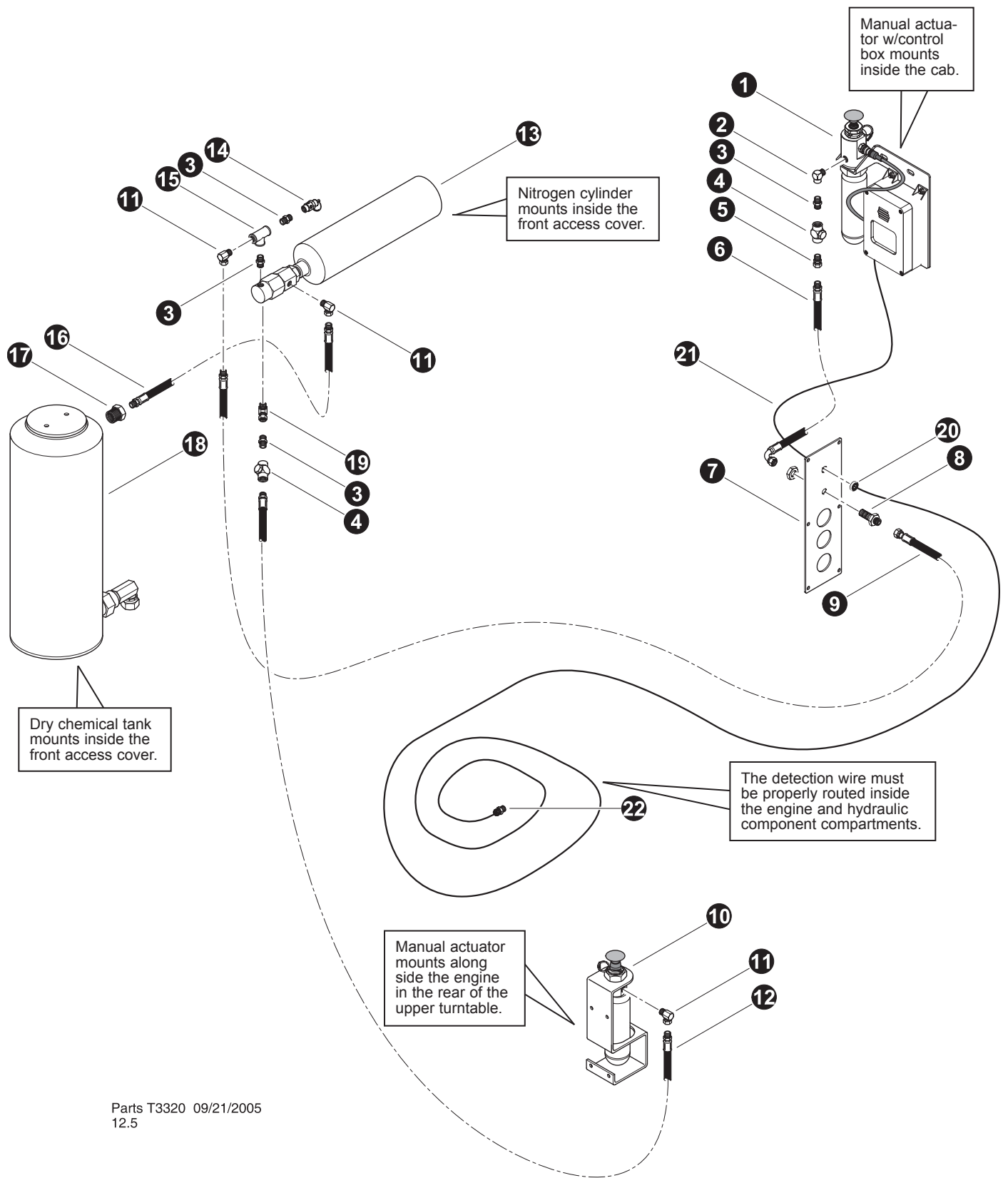


Parts T3321 9/21/2005  
37.50

## AUTO / MANUAL ACTUATOR (Interior Mount)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	24616-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	21294-OC	1	<input type="checkbox"/> AUTO / MANUAL ACTUATOR ASSEMBLY	
1	21265-OC	1	KNOB	
2	21277-OC	1	BOOT	
3	21279-OC	1	O-RING, stem	
4	21278-OC	1	ADAPTER, boot	
5	21272-OC	1	PIN, safety ring	
	21273-OC	1	CHAIN	
	21274-OC	1	SCREW, drive	
	21275-OC	1	WIRE, lead seal ( <i>Not shown</i> )	
6	21280-OC	1	O-RING, adapter boot	
7	21281-OC	1	STEM	
8	21282-OC	1	O-RING, puncture pin	
9	21283-OC	1	PIN, puncture	
10	21284-OC	1	SPRING	
11	21285-OC	1	BODY, adapter	
12	21286-OC	1	NUT, jam	
13	21258-OC	1	GASKET	
14	----	1	BRACKET, auto / manual actuator	
15	NSS	1	CONTROL BOX ASSEMBLY	
16	24626-OC	1	CABLE, signal	
17	10810-OC	4	WASHER, SAE flat - 1/4"	
18	15509-OC	4	BOLT, nylock - 1/4"	
19	16515-OC	1	SQUIB	
20	21288-OC	1	CARTRIDGE, manual actuator ( <i>Includes shipping cap</i> )	
21	15576-OC	2	BOLT - .25" X 1"	
22	10757-OC	6	WASHER, SAE FLAT - .25"	
23	15604-OC	2	BOLT - .25" X .75"	
24	15509-OC	2	NUT, NYLOCK - .25"	
25	52012-OC	1	BRACKET, FIRE SUPP AUTO / MANUAL ACT.	






Kit or Assembly - includes all items indented underneath.




Parts T3320 09/21/2005  
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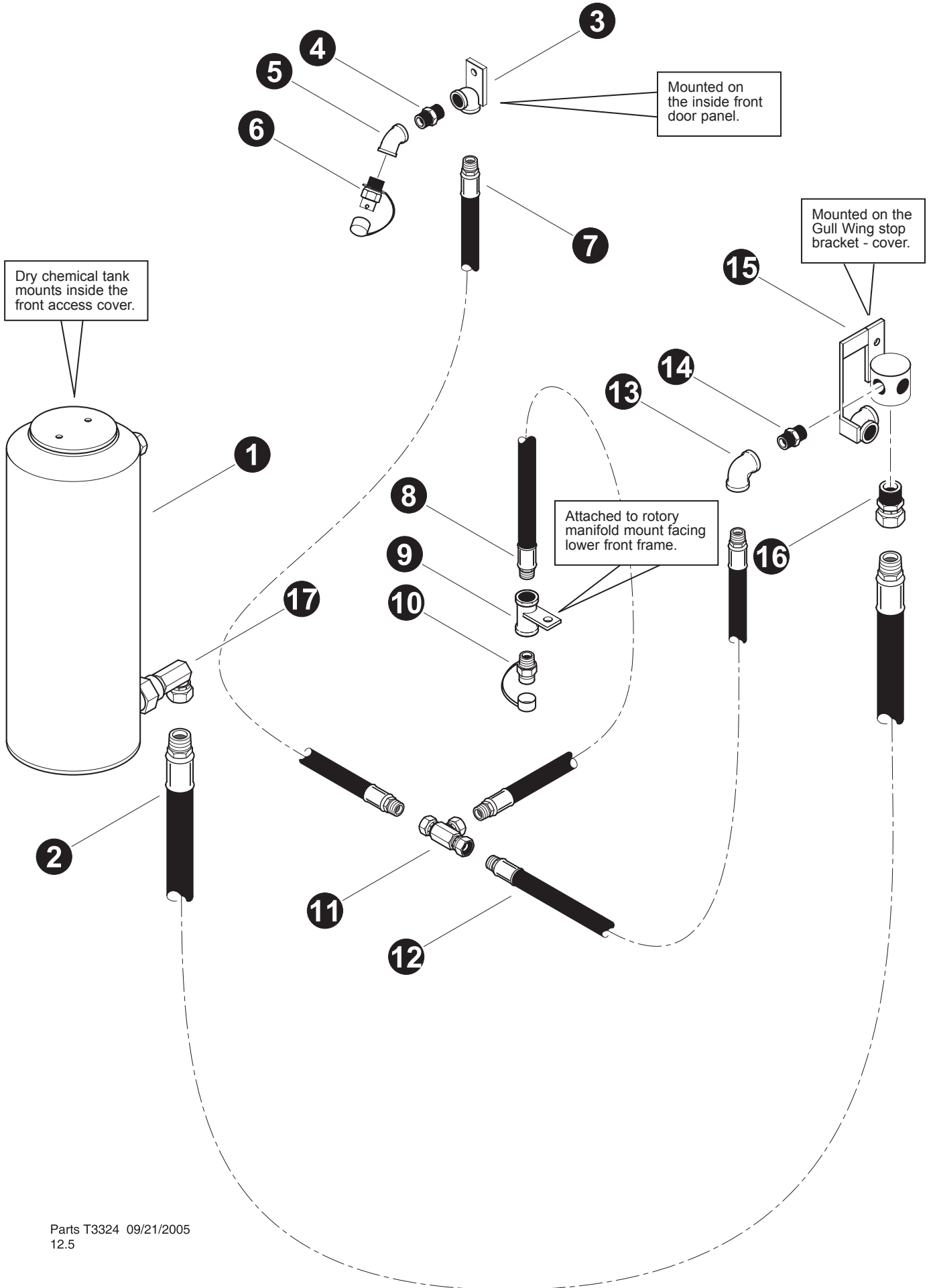
## ACTUATION SYSTEM INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AUTO / MANUAL ACTUATOR ASSEMBLY.....	OC-5
2	16251-OC	1	ELBOW, 90 STREET - 5502-4	
3	15567-OC	4	CONNECTOR, straight - 5404-4	
4	16778-OC	2	VALVE, check	
5	11331-OC	1	CONNECTOR, STR SWIVEL - 1404-4-4	
6	-OC	1	HOSE ASSEMBLY - 2030 -04-04PS-04O9 ( <i>Interior auto / manual actuator to nitrogen cylinder</i> )	
7	REF.	1	 CAB REAR ELECTRICAL BULKHEAD PLATE .....	ES-2
8	18582-OC	1	CONNECTOR, STR BULKHEAD - FF1994T-0404S	
9	-OC	1	HOSE ASSEMBLY - 2156 -04-04PS-04OS ( <i>Interior auto / manual actuator to nitrogen cylinder</i> )	
10	REF.	1	 MANUAL ACTUATOR ASSEMBLY .....	OC-5
11	10320-OC	3	ELBOW, 90 SWIVEL - 1501-4-4	
12	-OC	1	HOSE ASSEMBLY - 2109 -04-04PS-04PS ( <i>Exterior manual actuator to nitrogen cylinder</i> )	
13	REF.	1	 NITROGEN CYLINDER ASSEMBLY .....	OC-5
14	21299-OC	1	VALVE, safety relief	
15	16310-OC	1	TEE, BLACK - .25"	
16	-OC	1	HOSE ASSEMBLY - 2016 -04-04PS-04PS ( <i>Dry chemical tank to Nitrogen cylinder</i> )	
17	21236-OC	1	ADAPTER, DRY CHEM TANK	
18	REF	1	 DRY CHEMICAL TANK ASSEMBLY.....	OC-5
19	11372-OC	1	ELBOW, 45 SWIVEL - 1503-4-4	
20	42513-OC	1	GROMMET, .375 I.D.	
21	50504-OC	50 ft	WIRE, detection ( <i>Routed from the control box throughout the engine, hydraulic pump and hydraulic valve compartments</i> )	
22	-OC	1	SQUIB, ELECTRICAL CONNECTOR	

 See reference page for component or assembly breakdown.


### IMPORTANT NOTE !

Detection wire needs to be properly routed and isolated away from high temperature items (turbo & exhaust). Improper routing of the detection wire could cause system to not detect fire and to not operate properly. Wire also needs to be properly isolated away from items that could cause damage and wear to the wire. Contact TimberPro if you have any question on the routing of the detection wire.



Parts T3324 09/21/2005  
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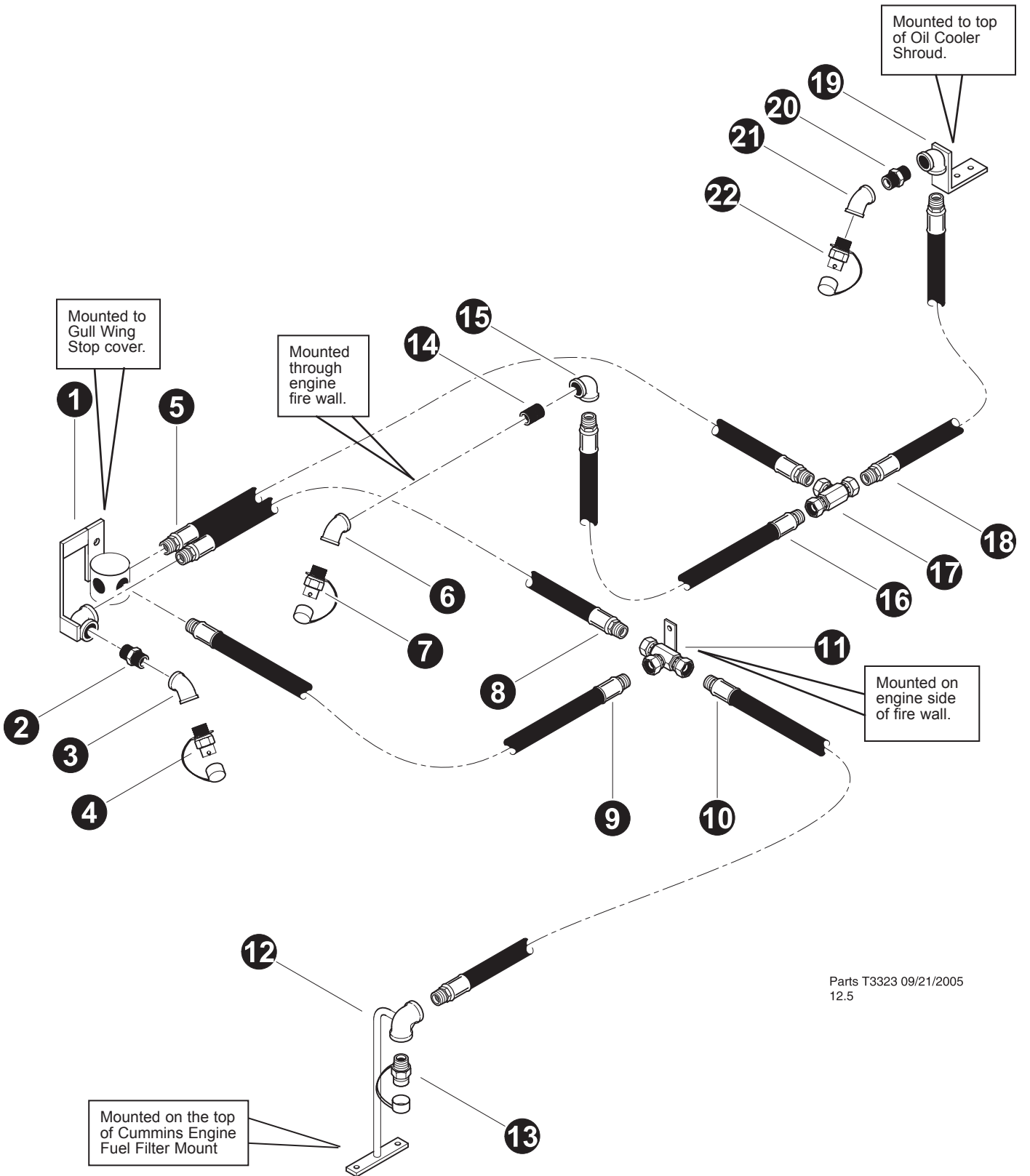
## FIRE SUPPRESSION LINES (Dry Chemical Tank To Distributions Tee)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 DRY CHEMICAL TANK ASSEMBLY.....	OC-5
2	-OC	1	HOSE ASSEMBLY - 2107-12-12PS-12PS (Dry Chemical Tank to Main distribution tee)	
3	-OC	1	MANIFOLD, fire nozzle	
4	16126-OC	1	NIPPLE, CLOSE .5"	
5	16122-OC	1	ELBOW, BLACK 45 STREET - .5"	
6	17838-OC	3	NOZZLE, V pattern - .5"	
7	-OC	1	HOSE ASSEMBLY - 2033 -08-08PS-08PS (Valve compartment tee to main control valve nozzle)	
8	-OC	1	HOSE ASSEMBLY - 2034 -08-08PS-08PS (Valve compartment tee to rotary manifold compartment nozzle)	
9	-OC	1	MANIFOLD, fire nozzle	
10	16776-OC	1	NOZZLE, Cone pattern - .5"	
11	11379-OC	1	TEE - 1603-8-8-8	
12	-OC	1	HOSE ASSEMBLY - 2052 -08-08PS-08PS (Valve compartment tee to main distribution manifold)	
13	15660-OC	1	ELBOW, BLACK 90 STREET - .5"	
14	16126-OC	1	NIPPLE, CLOSE .5"	
15	-OC	1	MANIFOLD, main fire distribution	
16	11304-OC	1	CONNECTOR, STR SWIVEL - 1404-12-12	
17	10359-OC	1	ELBOW, 90 SWIVEL - 1501-12-12	

 See reference page for component or assembly breakdown.

### **IMPORTANT NOTE !**

Proper routing of fire suppression hoses, nozzle placement and direction of nozzle pattern are very important in the proper operation of the fire suppression system. Please contact TimberPro for any questions you have on proper installation of fire suppression components.



Parts T3323 09/21/2005  
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## FIRE SUPPRESSION LINES (Distribution Tee To Engine & Pump Compartments)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	-OC	1	MANIFOLD, main fire distribution	
2	16126-OC	1	NIPPLE, CLOSE .5"	
3	16122-OC	1	ELBOW, BLACK 45 STREET - .5"	
4	17838-OC	1	NOZZLE, V pattern - .5"	
5	-OC	1	HOSE ASSEMBLY - 2056 -08-08PS-08PS (Pump Compartment tee to Main Distribution tee)	
6	16122-OC	1	ELBOW, BLACK 45 STREET - .5"	
7	17838-OC	1	NOZZLE, V pattern - .5"	
8	-OC	1	HOSE ASSEMBLY - 2028 -08-08PS-08PS (Engine Compartment tee to right side engine nozzle)	
9	-OC	1	HOSE ASSEMBLY - 2035 -08-08PS-08PS (Engine Compartment tee to Main Distribution tee)	
10 side	-OC	1	HOSE ASSEMBLY - 2024 -08-08PS-08PS (Engine Compartment tee to left engine nozzle)	
11	-OC	1	TEE - 1603-8-8-8 w/bracket	
12	-OC	1	MANIFOLD, right side fire nozzle	
13	17838-OC	1	NOZZLE, V pattern - .5"	
14	16126-OC	1	NIPPLE, CLOSE .5"	
15	15660-OC	1	ELBOW, BLACK 90 STREET - .5"	
16 to	-OC	1	HOSE ASSEMBLY - 2030 -08-08PS-08PS (Rear engine compartment nozzle pump compartment tee)	
17	11379-OC	1	TEE - 1603-8-8-8	
18	-OC	1	HOSE ASSEMBLY - 2033 -08-08PS-08PS (Pump compartment nozzle to pump compartment tee)	
19	-OC	1	MANIFOLD, pump compartment fire nozzle	
20	16126-OC	1	NIPPLE, CLOSE .5"	
21	16122-OC	1	ELBOW, BLACK 45 STREET - .5"	
22	16776-OC	1	NOZZLE, Cone pattern - .5"	

 See reference page for component or assembly breakdown.

### **IMPORTANT NOTE !**

Proper routing of fire suppression hoses, nozzle placement and direction of nozzle pattern are very important in the proper operation of the fire suppression system. Please contact TimberPro for any questions you have on proper installation of fire suppression components.

