CTD P/N	R E V	DESCRIPTION	U.S.ECCN
98-02677-00	F	АРХ	EAR99
98-02677-01	F	ADVANCE	EAR99

WA UNIT MAY START AUTOMATICALLY AT ANY T USE PROPER LOCKOUT/TAGOUT PROC ALL UNIT INSPECTION/SERVICING	ARNING: IME EVEN IF THE SWITC EDURES BEFORE INSPECT BY PROPERLY TRAINED F	CH IS IN THE OF ION/SERVICING. PERSONNEL ONLY.	F POSITION.		<ul> <li>3.7 SECURE THE HARNESS BRANC</li> <li>3.7.1 CONNECTORS SHALL B ON THE CABLE SEALS</li> <li>3.7.2 ENSURE THERE IS NO</li> <li>3.7.3 SECURE WIRES AWAY</li> <li>3.8 APPLY THE WARNING/SAFETY</li> <li>3.8.1 CLEAN AND DEGREASE SURFACE MUST BE DR</li> <li>3.8.2 ADHERE THE WARNING STARTING FROM THE</li> </ul>	HES AND CONNECTORS WITH STA-STRAPS (ITEM 8), NOTING: E SECURED IN THE HORIZONTAL POSITION TO PREVENT STANDING STRAIN OR SIDE LOAD APPLIED TO THE WIRES AS THEY ENTER FROM HEAT SOURCES, HIGH VOLTAGE CIRCUITS AND MOVING PAR DECAL (ITEM 9): THE WARNING/SAFETY DECAL MOUNTING LOCATION SURFACE WITH Y AND FREE OF OILS, WAXES, DIRT, CONTAMINATION, AND LOOS /SAFETY DECAL (ITEM 9), TO THE CLEAN, DRY SURFACE BY PRI CENTER AND MOVING OUTWARD.	WATER FROM POOLING OR EXIT THE CONNECTORS. S. I RUBBING ALCOHOL. SE MATTER. ISSING THE DECAL FIRMLY
<ul> <li>I.O THIS INSTALLATION INSTRUCTION ASSUMES PREVIOU THE REFRIGERATION UNIT (SINCE THE POWER CONTR TELEMATICS OPTION).</li> <li>I.T THE PCS SHALL BE MOUNTED ON THE ROADSIDE OF T TO THE UNIT'S START-RUN/OFF SWITCH (SROS) AND SELECTION OF MOUNTING LOCATION:</li> <li>2.0 IDENTIFY THE LOCATION FOR MOUNTING THE PCS IT SO THAT:</li> <li>2.0.1 THE PCS MOUNTING SURFACE IS FLAT.</li> <li>2.0.2 THERE IS A FLAT SURFACE IS HALL</li> <li>2.0.2 THERE IS A FLAT SURFACE IMMEDIATELY ADJ WARNING/SAFETY DECAL (ITEM 9).</li> <li>INFORMATION IS CLEARLY VISIBLE</li> <li>2.0.3 PCS RIVETS (ITEM 3) WILL ATTACH TO THE</li> <li>2.0.4 PCS MOUNTING LOCATION WILL ALLOW THE PC SECURELY ROUTED TO THE UNIT LOW VOLTAGE</li> <li>INSTALLATION - PCS:</li> <li>3.0 THE PCS (ITEM 1) SHALL BE MOUNTED HORIZONTALL</li> <li>3.1 MARK THE LOCATIONS WHERE THE (2) PCS MOUNTING LOCATION DETERMINED PREVIOUSLY PER ABOVE INST</li> <li>3.2 DRILL THE HOLES USING A FIELD-SUPPLIED #19 (C 3.3 FILL THE HOLES WITH FIELD-SUPPLIED #19 (C 3.4 FASTEN THE PCS (ITEM 1) TO THE TRAILER WALL US SOUTE AND SECURE THE PCS HARNESS TO THE TRAIL P-CLAMPS (ITEM 2) AND SCREWS (ITEM 5) AND TO 3.5.1 NOTICE: SECURE THE PCS HARNESS TO THE TRAIL P-CLAMPS (ITEM 2) AND SCREWS (ITEM 5) AND TO 3.5.2 IMPORTANT: INSTALL THE FIRST P-CLAMP ( PENETRATES THE PCS BOX.</li> <li>3.6 MAKE THE LECTRICAL CONNECTIONS:</li> <li>3.6.1 APPLY CONTACT LUBRICANT (ITEM 6) TO THE (ADAPTER) HARNESS (ITEM 7), THE eSOLUTION MATING CONNECTORS.</li> <li>3.6.2 CONNECT THE PCS HARNESS DB CONNECTOR TO ADAPTER HARNESS (ITEM 7).</li> <li>3.6.3 CONNECT THE PCS HARNESS DB CONNECTOR TO ADAPTER HARNESS (ITEM 7).</li> <li>3.6.3 CONNECT THE REMAINING CONNECTORS OF THE 3.6.3.1 REMOVE THE DC SHOULTIONS:</li> <li>3.6.3.2 REMOVE THE DC MARENSS DJ CONNECTOR TO ADAPTER HARNESS (ITEM 7).</li> <li>3.6.3.2 REMOVE THE DC ADANCETORS OF THE 3.6.3.2 REMOVE THE DC ADANCETORS OF THE 3.6.3.2 REMOVE THE DC CONNECTOR CAP AND COLUTIONS HARNESS DJ CONNECTOR CAP AND COLUTIONS HARNESS DJ CONNECTOR CAP AND COLUTIONS HARNESS DJ CONNECTOR CAP AND CO</li></ul>	S INSTALLATION OF THE OL SWITCH IS AN OPTIC HE TRAILER DIRECTLY IN CLOSE PROXIMITY EM 1 PER THE REQUIREN ACENT TO THE PCS AND <b>TICE:</b> UST BE ADHERED TO THE PLAY MODULE SO THAT TO ANYONE VIEWING THE TRAILER WALL (SKIN). S HARNESS AND TELEMAT HARNESS OPTIONS BUNK Y (WITH THE HARNESS I HOLES NEED TO BE DR RUCTIONS.) (HOLE SPAC .166") DRILL BIT. EALANT (TO PREVENT MO SING TWO (2) RIVETS OF ER WALL AND/OR OTHER THE UNIT USING STA-S OM HEAT SOURCES, HIGH O INCHES MAXIMUM. NN THE HARNESS WITHIN EXPOSED TERMINALS OF NS HARNESS, AND THE E THE D8 CONNECTOR (LO ADAPTER HARNESS AS F CAP AND CONNECT THE A ETAIN THE J1 JUMPER OF E SOLUTIONS OPTION. CONNECT THE ADAPTER . (RETAIN THE D3 CONN PROM THE ADAPTER HARN	E eSOLUTIONS TE DNAL COMPONENT TO THE FRONT WA TO IT. MENTS LISTED AE DISPLAY MODULE UNIT IN A LOC THE WARNING/SAF DISPLAY MODULE TICS (ADAPTER) DLE. DOWNWARD). TLLED INTO THE TICS (ADAPTER) DLE. DOWNWARD). TLLED INTO THE THE PCS CONNE TO THE OVERI N THE PCS CONNE TO THE OVERI N THE PCS CONNE THE PC	LEMATICS OPTIO OF THE eSOLUTI LL AT A HEIGHT OVE AND ADDITI TO APPLY THE ATION ETY E. HARNESS TO BE TRAILER WALL. 88.9mm].) ). RT STRUCTURE U TS AND MOVING MOLD WHERE THE CTORS, THE PCS NBRANCHED END) J1 CONNECTOR O BE USED IN THE ECTOR AND CONN	N TO ONS EQUAL ONALLY SAFELY AND (MOUNTING SING PARTS. HARNESS TELEMATICS OF THE TO THE HE CASE OF REMOVING, CASE OF ECT THE	<pre>INSTALLATION - SROS (START/RI 4.0 APX CONTROLLER DISPLAY ( 4.0.1 REPLACE THE EXISTI BOLT (ITEM 14). TO 4.0.2 ASSEMBLE THE SROS BOLT ITEM 14: 4.0.2.1 PLACE THE OF THE BRA 4.0.2.2 PLACE AND 4.0.2.3 INSTALL TH THE TETHER 4.0.3 ASSEMBLE THE OTHER PIN (ITEM 13). 4.0.4 VERIFY THAT THE SR EITHER POSITION. A 4.1 ADVANCE CONTROLLER DISPL 4.1.1 REMOVE SROS FIXING 4.1.2 INSTALL TOGGLE SWI INTO THE DISPLAY H 4.1.3 REINSTALL THE FIXI NOTICE: IF THERE A 1. REMOVE THE DISPLAY H 4.1.3 REINSTALL THE FIXI NOTICE: IF THERE A 1. REMOVE THE DISP 2. ADJUST THE BACK FACEPLATE ON TH 3. REPEAT STEPS 4. 4. REINSTALL THE DI I36 TO 48 in - 1b] 4.2 (BOTH -00 &amp; -01) 4.2.1 IF A PCS FACE LABE LABEL FROM THE PAC 4.2.1.2 APPLY CORR AND FREE O 4.2.1.2 APPLY CORR AND STARTI OPERATION: 5.0 PERFORM COMMISSIONING CO 5.1 ENSURE (LOCAL AND REMOTE TOOLS REQUIRED: MARKING TOOL BLIND RIVET TOOL DRILL #19 (0.166) DRILL BIT DRILL/DRIVER WITH BIT FOR 1/ DEGREASER/CLEANER</pre>	UN-OFF SWITCH) DEFEAT COMPONENTS: -00 ONLY). NG LOWER RIGHT DISPLAY MODULE-TO-BRACKET ATTACHMENT HEX RGUE TO 7-8 IN-LES. DEFEAT BRACKET (ITEM 10) AND THE SROS DEFEAT PIN TETHER HOLE IN THE FOOT OF THE BRACKET (ITEM 10) OVER THE BOLT CKET OVER THE UNIT'S SROS (START-RUN/OFF SWITCH). HOLD HOLD ONE OF THE RING TERMINALS OF THE TETHER (ITEM 11) O E FLAT WASHER (ITEM 15) AND LOCK NUT (ITEM 12) TO THE BE FOR ITS BEST FUNCTIONALITY WHEN TIGHTENING THE LOCK NUT RING TERMINAL OF THE TETHER (ITEM 11) TO THE BROS DJUST THE ANGLE OF THE RING TERMINAL END INSTALLED IN A AY (-01 ONLY). NUT. TCH SAFETY COVER OVER SROS THREADED BARREL, TAKING CARE OUSING. NG NUT TO THE SROS THREADED BARREL AND TORQUE IT TO 2.20 RE NOT ENOUGH THREADS EXPOSED FOR ADEQUATELY RETAINING LAY FROM ITS MOUNTING BRACKET. (8mm WRENCH REQUIRED FOR ING NUT TO THE SROS THREADED BARREL BACK BY A TURN OR EVE E SAFETY COVER SO THAT THE SROS STICKS THROUGH THE DISPI 1.2 AND 4.1.3. 'SPLAY TO ITS MOUNTING BRACKET AND TORQUE ITS M5 HEX SCI ' L IN A LANGUAGE OTHER THAN ENGLISH IS REQUIERD, SELECT ' KAGE OF LABELS (INCLUDED WITH PCS, ITEM 1). DEGREASE THE CURRENT PCS FACE LABEL SURFACE WITH RUBBING YOILS, WAXES, DIRT. CONTAMINATION, AND LOOSE MATTER, ECT LANGUAGE LABEL OVER THE ENGLISH LABEL, PRESSING IT IN NG FROM THE CENTER AND MOVING OUTWARD. * AY I SCREWS (ITEM 5)	HEAD BOLT WITH LONGER HE (ITEM 11) TO THE NEWLY R WHILE ALIGNING THE LARGE T IN PLACE. VER THE BOLT. LT. TORQUE TO 7-8 IN-LBS È SROS DEFEAT QUICK RELE FEAT BRACKET WITH THE SR PREVIOUS STEP IF NEEDED. TO NOT PUSH THE SWITCH B N-m [20in-1b]. THE FIXING NUT: THE M5 HEX SCREWS.) )UIVALENT TO THE THICKNES AY HOUSING A LITTLE MORE EWS TO 4.07 TO 5.426N-m THE APPROPRIATE LANGUAGE G ALCOHOL. SURFACE MUST B TIRMLY TO THE PREPARED SU VITH THE eSOLUTIONS SYSTE OLUTIONS SYSTEM.
ADAPTER HARNESS CLOCK CONNECTOR CONNECTOR CAP TO THE ENGINE HAR CONNECTOR CAP TO THE ENGINE HAR         F       UPDATED SHEET INDEX. SEE SHEET 2.         E       UPDATED SHEET INDEX. SEE SHEET 2.         D       REMOVED NOTE 2.0.5; REVISED NOTE SECTION FOR "INSTALLATION-SRO DEFEAT COMPONENTS"; ADDED SHT 3; UPDATED SHT INDEX         C       UPDATES PER SERVICE; UPDATED SHT INDEX; SEE SHT 2         B       ADDED CHART AND -50; NOTE 3.5.1: "NOTICE" WAS "CAUTION"; UPDATED SHEET INDEX; SEE SHEET 2         A       ADDED NOTE 3.5.2; SEE SHEET 2	IO         IHE         eSOLUTIONS         HA           NESS         SATPOWER         CONNECT           16         DEC         2022         LT-VB/ZMG           10DEC2019         ZMG           0S         07JUN2019         KFV           30JUN2017         KFV           02FEB2017         KFV           14DEC2016         KFV	IRNESS SATPWR COR. JM JM DMM DMM DMM DMM	ONNECTOR. INST ECN1163070 72N0290P19 72N0017P19 72N0037P17 72N0002P17 72N0031P16	ALL THE CLOCK	8mm WRENCH FOR M5 NUT (ITEM SILICONE SEALANT	12)	SHEET INDEX SHEET 1
- INITIAL RELEASE SYM REVISION RECORD	30SEP2016KFVDATEBY	DMM ENGR. M.	72N0030P16 E. NPCA NO.	THIRD ANGLE PROJECTION	IMPERIAL INCH FORMAT: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES WITH METRIC CONVERSIONS IN [MILLIMETERS]	INSTALLATION INSTRUCTION esolutions power control switch option kit	drawing no. 98-02677 si



Carrier Transicold Division Carrier Corporation P.O. Box 4805 Syracuse, New York 13221

## INSTRUCT <u>ower control switch kit</u> INSTALL \_ A | ()

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# OMPONENTS:

MODULE-TO-BRACKET ATTACHMENT HEX HEAD BOLT WITH LONGER HEX HEAD AND THE SROS DEFEAT PIN TETHER (ITEM 11) TO THE NEWLY REPLACED BRACKET (ITEM 10) OVER THE BOLT WHILE ALIGNING THE LARGE HOLE )S (START-RUN/OFF SWITCH). HOLD IT IN PLACE. RMINALS OF THE TETHER (ITEM 11) OVER THE BOLT AND LOCK NUT (ITEM 12) TO THE BOLT. TORQUE TO 7-8 IN-LBS. ORIENT \_ITY WHEN TIGHTENING THE LOCK NUT ETHER (ITEM 11) TO THE RING OF THE SROS DEFEAT QUICK RELEASE PIN WILL ASSEMBLE TO THE SROS DEFEAT BRACKET WITH THE SROS IN

ROS THREADED BARREL, TAKING CARE TO NOT PUSH THE SWITCH BACK ADED BARREL AND TORQUE IT TO 2.26N-m [20in-lb].

XPOSED FOR ADEQUATELY RETAINING THE FIXING NUT: RACKET. (8mm WRENCH REQUIRED FOR THE M5 HEX SCREWS.) EADED BARREL BACK BY A TURN OR EQUIVALENT TO THE THICKNESS OF THE THE SROS STICKS THROUGH THE DISPLAY HOUSING A LITTLE MORE.

HAN ENGLISH IS REQUIERD, SELECT THE APPROPRIATE LANGUAGE WITH PCS, ITEM 1). S FACE LABEL SURFACE WITH RUBBING ALCOHOL. SURFACE MUST BE DRY NTAMINATION, AND LOOSE MATTER. THE ENGLISH LABEL, PRESSING IT FIRMLY TO THE PREPARED SURFACE, MOVING OUTWARD.

	SHEET	R E V	F	F	D		N: US		
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C TO CIRCLED GRP OF PARTS ADDED NOTE "THIS GROUP OF PARTS..."

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AT INSTALLATION ENSURE ADEQUATE DRIP LOOP AT CONNECTOR END	COM	TRANSICOLD       Synthetic Syntematic Synteges Syntemater Synthetic Synthetic Synthetic Syntheti	E NET THE SEE NOTE 3.5.2	

SUPERSEDES : \_\_\_\_\_





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TOROUE TO 7-8 IN-LBS TOROUE TO 7-8 IN-LBS TOROUE TO 7-8 IN-LBS THIS GROUP OF PARTS INCLUDED IN INSTALLATION KIT 76-00908-50. SEE NOTE 4. SEE NOTE 4. SEE NOTE 4.		SROS		EE NOTE 4.4 
TION		SROS S	-01 AFETY COVER INSTALLATION (ADVANCE)	
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