



DANGER

Danger of electrical shock, burns or death. Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.



CAUTION

If you lack the skills, tools or equipment to perform diagnostic or repair work leave such work to an authorized Winnebago Industries dealer or other qualified shop.

RELEASE		REV A	DATE	DWG NO	159642	
REV	ZONE	REVISION RECORD			DATE	DTFR-ORIG

R-SERIES

		R36LD	R40FD	R40KD	R40TD
D	CABLE ASM (YEL) FROM BATTERY TO COACH SIDE OF AUX START SOLENOID	141417-52-030	141417-52-030	141417-52-030	141417-52-023
	CABLE ASM (ORG) FROM COACH BATTERY TO INVERTER FUSE	141416-02-009	141416-02-009	141416-02-009	141416-02-009
	CABLE ASM (ORG) FROM INVERTER FUSE TO INVERTER	141416-61-030	141416-61-030	141416-61-030	141416-61-062
	CABLE ASM (BLK) FROM BATTERY TO INVERTER	133567-14-030	133567-14-030	133567-14-030	133567-14-062
	CABLE ASM (BLK) FROM COACH BATTERY TO FRAME RAIL GND	133568-11-016	133568-11-016	133568-11-016	133568-11-016
	CABLE ASM (BLK) FROM CHASSIS BATTERY TO FRAME RAIL GND	133568-11-013	133568-11-013	133568-11-013	133568-11-013
	CABLE ASM (PUR) FROM BATTERY TO CHASSIS SIDE OF AUX START SOLENOID	141417-12-025	141417-12-025	141417-12-025	141417-12-025
	CABLE ASM (BLU) FROM AUX START SOLENOID TO LEVELING SYSTEM POWER	141415-22-103	141415-22-113	141415-22-113	141415-22-113
	CABLE ASM (GRN) FROM BAT DISC RELAY TO PASS THRU STUD	141416-42-110	141416-42-120	141416-42-120	141416-42-120
	CABLE ASM (GRN) FROM PASS THRU STUD TO GENERATOR	141416-42-021	141416-42-021	141416-42-021	141416-42-021
C	CABLE ASM (BLK) FROM GENERATOR TO FRAME RAIL GROUND	133566-12-020	133566-12-020	133566-12-020	133566-12-020
	CABLE ASM (RED) JUMPER BETWEEN POSITIVE POSTS ON COACH BATTERY	133568-01-003 (2)	133568-01-003 (2)	133568-01-003 (2)	133568-01-003 (2)
	CABLE ASM (BLK) JUMPER BETWEEN NEGATIVE POSTS ON COACH BATTERY	133568-11-003 (2)	133568-11-003 (2)	133568-11-003 (2)	133568-11-003 (2)
	CABLE ASM (RED) JUMPER BETWEEN POSITIVE POSTS IN LEFT FRONT COMPT	133568-01-002	133568-01-002	133568-01-002	133568-01-002
	CABLE ASM-TEMPERATURE,BATTERY	148254-04-000	148254-04-000	148254-04-000	148254-06-000

S-SERIES

		S40FD	S40KD	S40TD
B	CABLE ASM (YEL) FROM BATTERY TO COACH SIDE OF AUX START SOLENOID	141417-52-030	141417-52-030	141417-52-023
	CABLE ASM (ORG) FROM COACH BATTERY TO INVERTER FUSE	141416-02-009	141416-02-009	141416-02-009
	CABLE ASM (ORG) FROM INVERTER FUSE TO INVERTER	141416-61-030	141416-61-030	141416-61-062
	CABLE ASM (BLK) FROM BATTERY TO INVERTER	133567-14-030	133567-14-030	133567-14-062
	CABLE ASM (BLK) FROM COACH BATTERY TO FRAME RAIL GND	133568-11-016	133568-11-016	133568-11-016
	CABLE ASM (BLK) FROM CHASSIS BATTERY TO FRAME RAIL GND	133568-11-013	133568-11-013	133568-11-013
	CABLE ASM (PUR) FROM BATTERY TO CHASSIS SIDE OF AUX START SOLENOID	141417-12-025	141417-12-025	141417-12-025
	CABLE ASM (BLU) FROM AUX START SOLENOID TO LEVELING SYSTEM POWER	141415-22-113	141415-22-113	141415-22-113
	CABLE ASM (GRN) FROM BAT DISC RELAY TO PASS THRU STUD	141416-42-120	141416-42-120	141416-42-120
	CABLE ASM (GRN) FROM PASS THRU STUD TO GENERATOR	141416-42-025	141416-42-025	141416-42-025
	CABLE ASM (BLK) FROM GENERATOR TO FRAME RAIL GROUND	133566-12-012	133566-12-012	133566-12-012
	CABLE ASM (RED) JUMPER BETWEEN POSITIVE POSTS ON COACH BATTERY	133568-01-003 (2)	133568-01-003 (2)	133568-01-003 (2)
	CABLE ASM (BLK) JUMPER BETWEEN NEGATIVE POSTS ON COACH BATTERY	133568-11-003 (2)	133568-11-003 (2)	133568-11-003 (2)
	CABLE ASM (RED) JUMPER BETWEEN POSITIVE POSTS IN LEFT FRONT COMPT	133568-01-002	133568-01-002	133568-01-002
	CABLE ASM-TEMPERATURE,BATTERY	148254-04-000	148254-04-000	148254-06-000

3	SEE WIRING INSTL-FRONT END FOR ADDITIONAL INFORMATION.
2	SEE WIRING INSTL-CHASSIS FOR ADDITIONAL INFORMATION.
1	SEE LEVELING SYSTEM INSTL FOR ADDITIONAL INFORMATION.

NOTES:

P-SERIES 40D

	P34H	P36G	P39K
CABLE ASM (YEL) FROM BATTERY TO COACH SIDE OF AUX START SOLENOID	141417-52-106	141417-52-106	141417-52-115
CABLE ASM (ORG) FROM COACH BATTERY TO INVERTER FUSE	156203-01-009	156203-01-009	156203-01-009
CABLE ASM (RED) FROM INVERTER FUSE TO INVERTER	136145-03-030	136145-03-030	136145-03-030
CABLE ASM (GRN) FROM BATTERY TO INVERTER	136145-04-030	136145-04-030	136145-04-030
CABLE ASM (BLK) FROM COACH BATTERY TO FRAME RAIL GND	133568-11-016	133568-11-016	133568-11-016
CABLE ASM (BLK) FROM CHASSIS BATTERY TO FRAME RAIL GND	133568-11-013	133568-11-013	133568-11-013
CABLE ASM (PUR) FROM BATTERY TO CHASSIS SIDE OF AUX START SOLENOID	141417-12-106	141417-12-106	141417-12-115
CABLE ASM (BLU) FROM AUX START SOLENOID TO LEVELING SYSTEM POWER	141415-22-018	141415-22-018	141415-22-018
CABLE ASM (GRN) FROM BAT DISC RELAY TO GENERATOR	141415-42-018	141415-42-018	141415-42-018
CABLE ASM (BLK) FROM GENERATOR TO FRAME RAIL GROUND	133566-12-020	133566-12-020	133566-12-020
CABLE ASM (RED) JUMPER BETWEEN POSITIVE POSTS ON COACH BATTERY	133568-01-003	133568-01-003	133568-01-003
CABLE ASM (BLK) JUMPER BETWEEN NEGATIVE POSTS ON COACH BATTERY	133568-11-003	133568-11-003	133568-11-003

P-SERIES 13X

	P34H	P36G	P39K
CABLE ASM (YEL) FROM BATTERY TO COACH SIDE OF AUX START SOLENOID	141417-52-106	141417-52-106	141417-52-115
CABLE ASM (ORG) FROM COACH BATTERY TO INVERTER FUSE	141416-02-009	141416-02-009	141416-02-009
CABLE ASM (ORG) FROM INVERTER FUSE TO INVERTER	141416-61-030	141416-61-030	141416-61-030
CABLE ASM (BLK) FROM BATTERY TO INVERTER	133567-14-030	133567-14-030	133567-14-030
CABLE ASM (BLK) FROM COACH BATTERY TO FRAME RAIL GND	133568-11-016	133568-11-016	133568-11-016
CABLE ASM (BLK) FROM CHASSIS BATTERY TO FRAME RAIL GND	133568-11-013	133568-11-013	133568-11-013
CABLE ASM (PUR) FROM BATTERY TO CHASSIS SIDE OF AUX START SOLENOID	141417-12-106	141417-12-106	141417-12-115
CABLE ASM (BLU) FROM AUX START SOLENOID TO LEVELING SYSTEM POWER	141415-22-018	141415-22-018	141415-22-018
CABLE ASM (GRN) FROM BAT DISC RELAY TO GENERATOR	141415-42-018	141415-42-018	141415-42-018
CABLE ASM (BLK) FROM GENERATOR TO FRAME RAIL GROUND	133566-12-020	133566-12-020	133566-12-020
CABLE ASM (RED) JUMPER BETWEEN POSITIVE POSTS ON COACH BATTERY	133568-01-003 (2)	133568-01-003 (2)	133568-01-003 (2)
CABLE ASM (BLK) JUMPER BETWEEN NEGATIVE POSTS ON COACH BATTERY	133568-11-003 (2)	133568-11-003 (2)	133568-11-003 (2)
CABLE ASM-TEMPERATURE,BATTERY	148254-04-000	148254-04-000	148254-04-000

40D INVERTER-DC/AC, 600 WATT

13X INVERTER/CHARGER 2.0 KW

265 CODES/STANDARDS- CSA/CMVSS

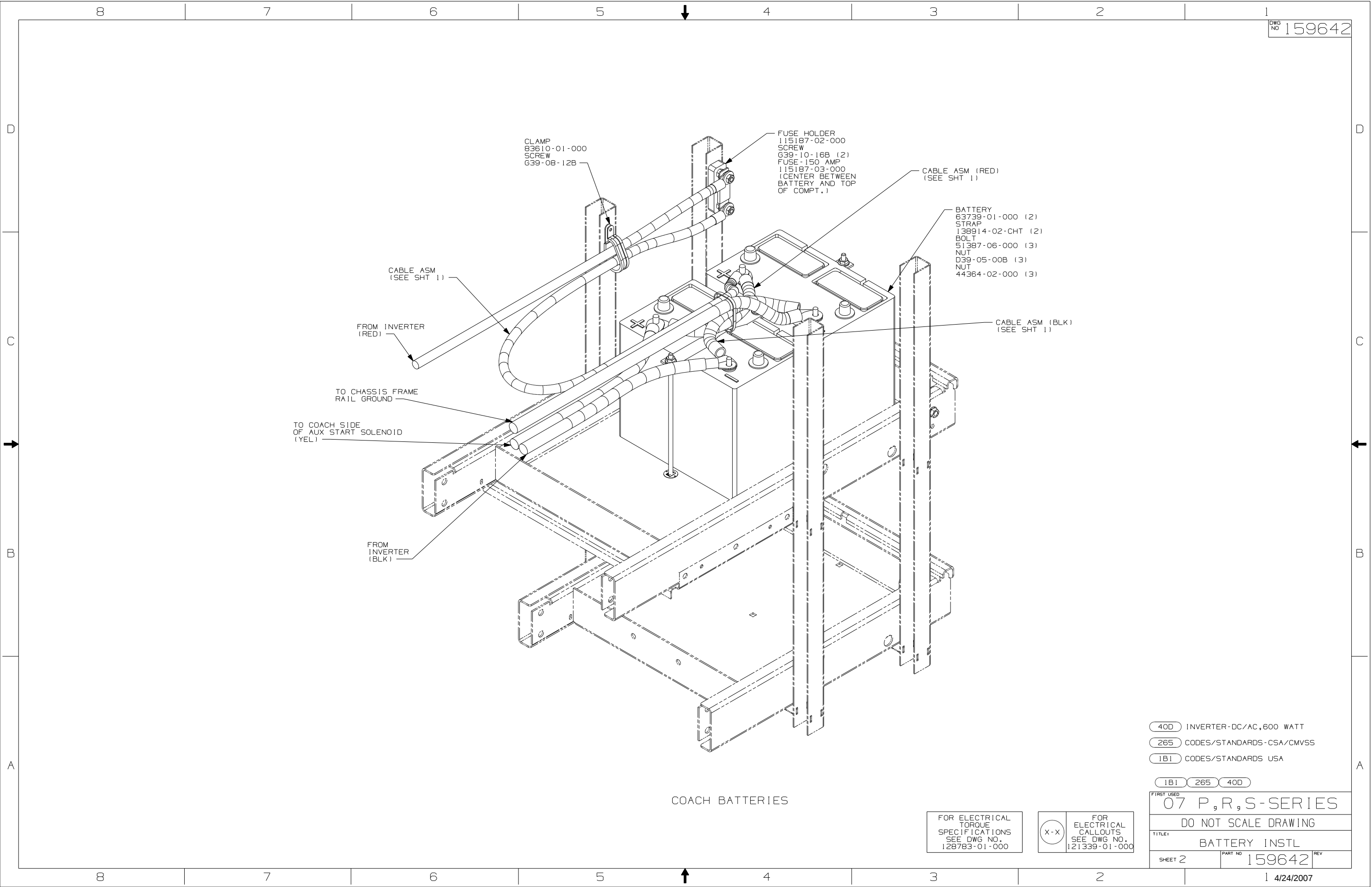
1B1 CODES/STANDARDS USA

181 265

		COPYRIGHT 2006 WINNEBAGO INDUSTRIES, INC.	
DFT# _____ CHKR _____ P.E. _____ M.E. _____ DSNR _____		ORIG. DATE _____ ALL DIMENSIONS ARE IN MILLIMETERS FIRST USED _____ 07 P,R,S-SERIES	
UNSPECIFIED TOLERANCES ARE : WHOLE DIM (X) ± 3 ONE-PLACE (X,X) ± 1.5 TWO-PLACE (X,XX) ± 0.50 ANGLE ± 1°		MATERIAL : _____	
THIRD ANGLE PROJECTION			

DO NOT SCALE DRAWING

TITLE: BATTERY INSTL		
SHEET 1 OF 5	PART NO 159642	REV



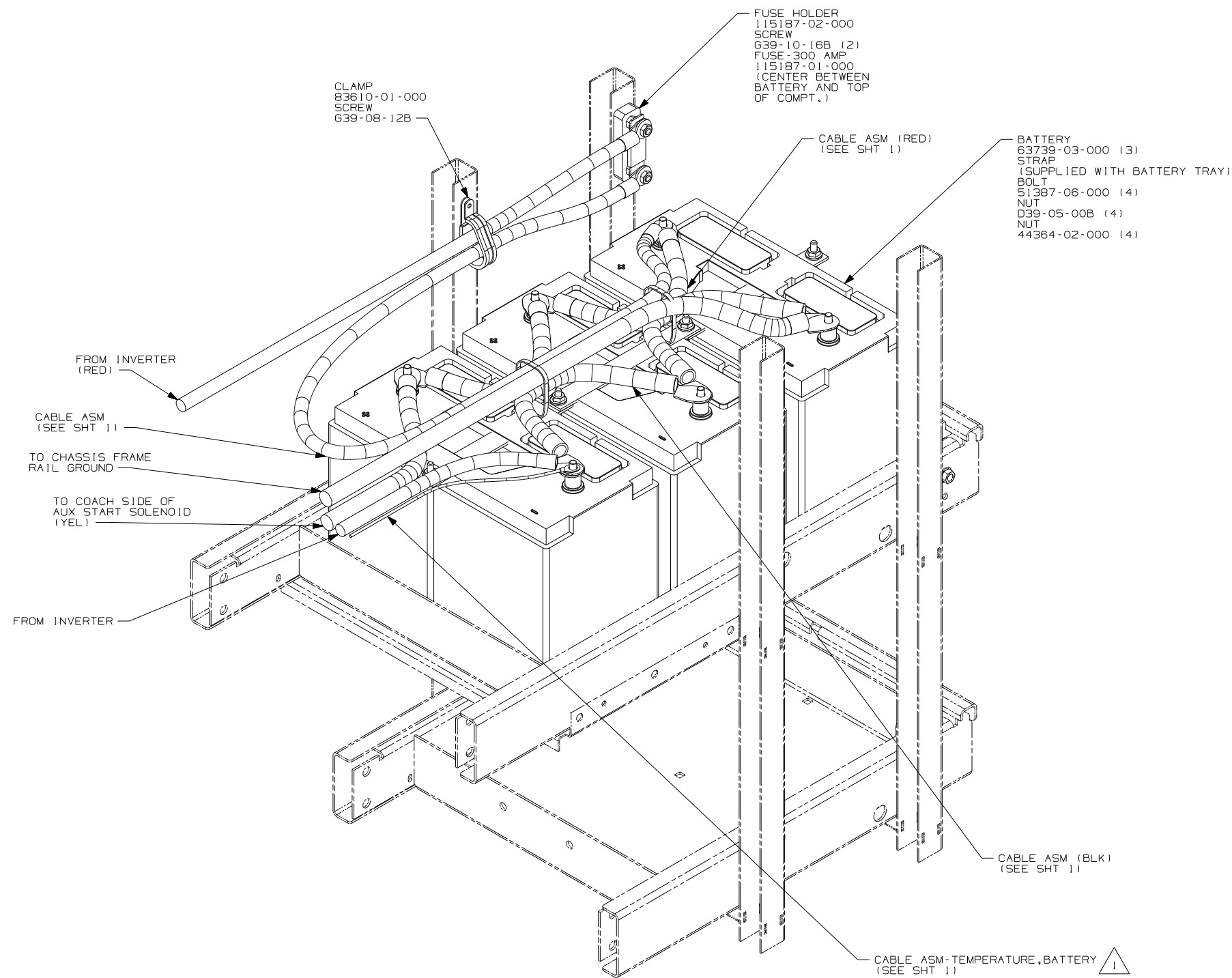
40D INVERTER-DC/AC,600 WATT
265 CODES/STANDARDS-CSA/CMVSS
1B1 CODES/STANDARDS USA

1B1 265 40D

FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

FOR
ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000

FIRST USED 07 P,R,S-SERIES		
DO NOT SCALE DRAWING		
TITLE: BATTERY INSTL		
SHEET 2	PART NO 159642	REV



COACH BATTERIES

1. CONNECT RING TERMINAL OF CABLE ASM-TEMP,BATTERY TO NEGATIVE POST AS SHOWN AND ROUTE CABLE WITH NEGATIVE BATTERY CABLE TO INVERTER.

NOTES:

FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

FOR
ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000

13X INVERTER/CHARGER 2.0 KW
265 CODES/STANDARDS-CSA/CMVSS
1B1 CODES/STANDARDS USA

1B1 265 13X

FIRST USED
07 P,R,S-SERIES

DO NOT SCALE DRAWING

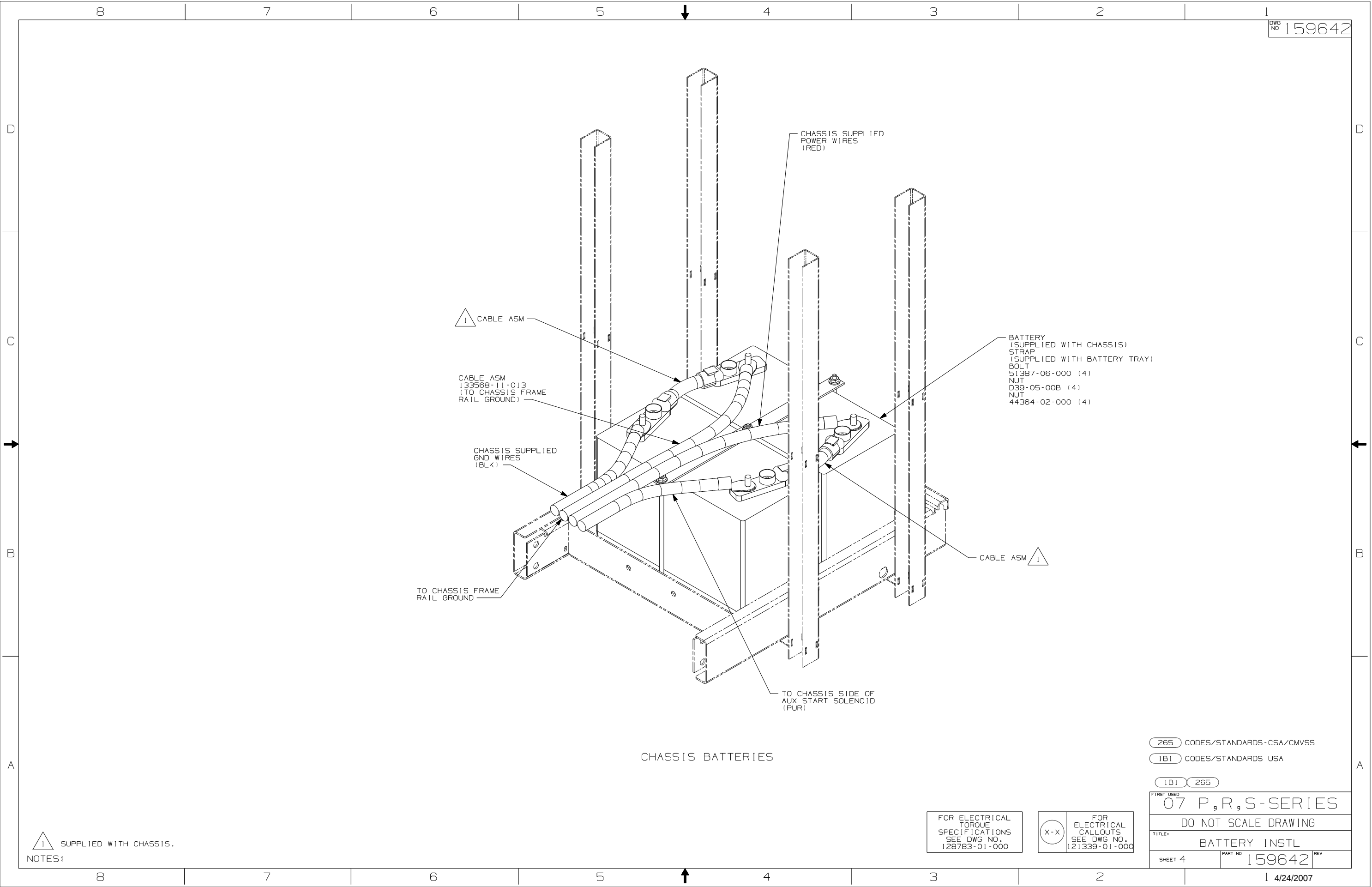
TITLE:
BATTERY INSTL

SHEET 3

PART NO 159642

REV

1 4/24/2007



265 CODES/STANDARDS-CSA/CMVSS

1B1 CODES/STANDARDS USA

1B1 265

FIRST USED 07 P,R,S-SERIES

DO NOT SCALE DRAWING

TITLE: BATTERY INSTL

SHEET 4

PART NO 159642

REV

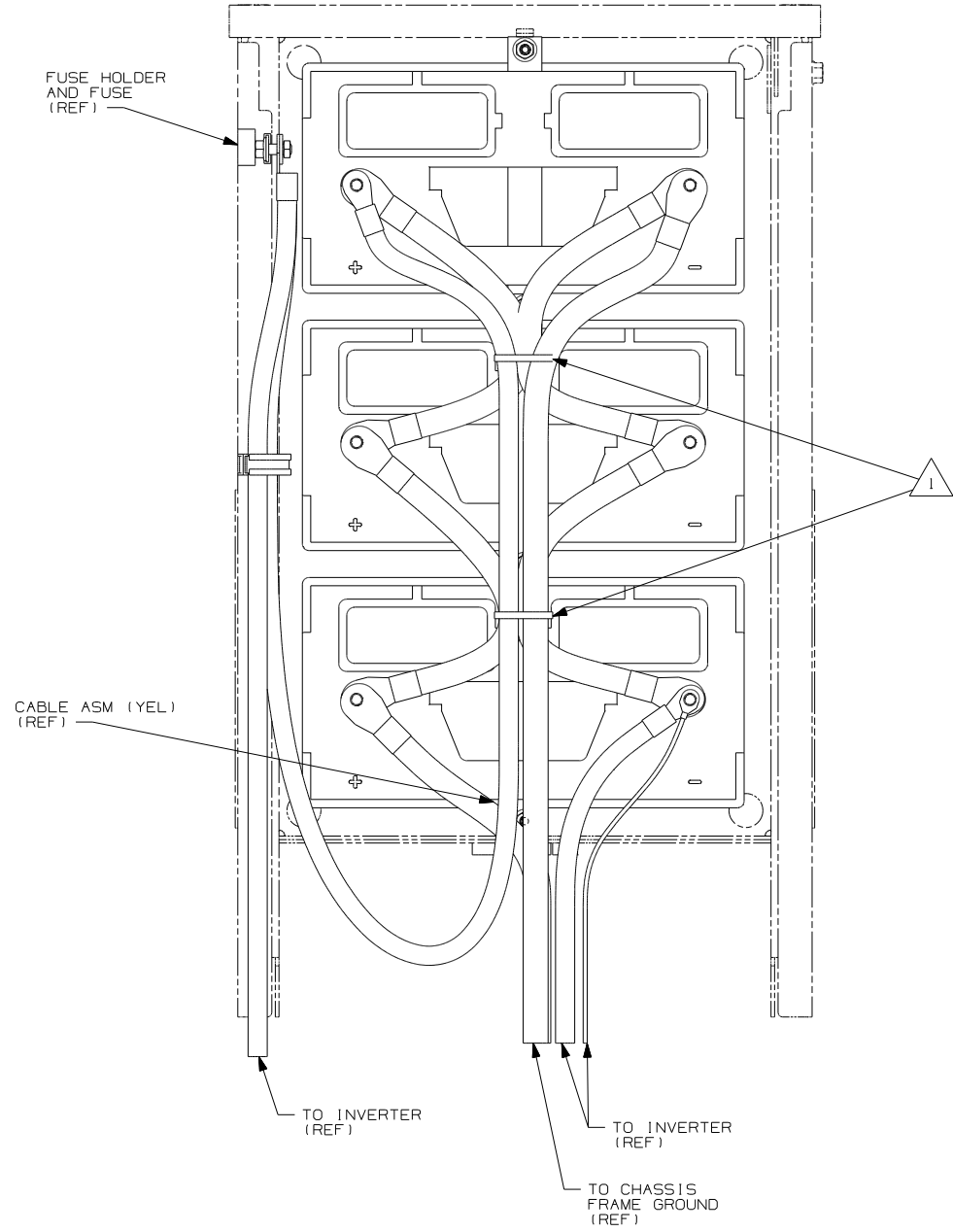
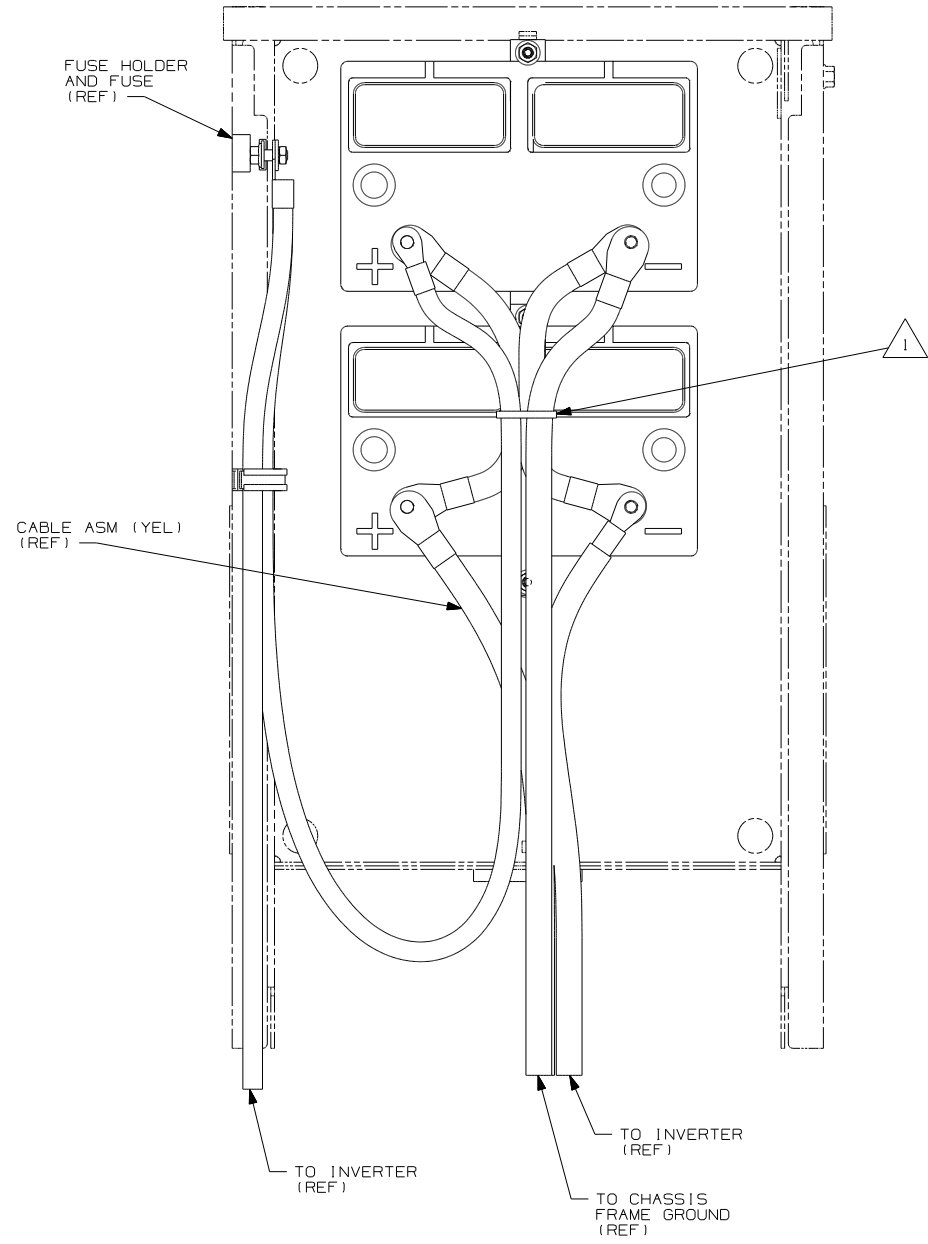
1 4/24/2007

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

1 SUPPLIED WITH CHASSIS.

NOTES:



1 ROUTE CABLES SO BATTERY CAPS CAN BE REMOVED FOR SERVICE.
USE WIRE TIE 008343-02-000 AS SHOWN AND AS NEEDED.

NOTES:

FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

FOR ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000

- 40D INVERTER-DC/AC,600 WATT
- 13X INVERTER/CHARGER 2.0 KW
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

07 P,R,S-SERIES

DO NOT SCALE DRAWING

TITLE: BATTERY INSTL

SHEET 5 PART NO 159642 REV