

DETAIL AA ⁵



DETAIL AB

TORQUE 6 Nm

- ⁵ MAKE SURE TO REMOVE FUSE ON WIRE ASM-CHASSIS BATTERY JUMPER BEFORE MAKING CONNECTIONS. CONNECT TD-1 TO BATTERY AS SHOWN; HAVE FUSE DROP IN THE BATTERY COMPARTMENT AND THEN RUN THE TD WIRE UNDER THE PLASTIC COVER BACK TO UNDER THE DRIVER'S SEAT WHERE YOU WILL CONNECT TO CIRCUIT TD ON THE WIRE ASM-CHASSIS. AFTER THE CONNECTIONS ARE MADE, REPLACE THE FUSE.
- ⁴ CONNECT YELLOW WIRE TO CIRCUIT LR AND CONNECT THE BLUE WIRE WITH RING TERMINAL TO THE BATTERY POST 'B+' OF THE ALTERNATOR. DISCARD RELAY AND UNUSED WIRES.
- ³ CUT WIRE TIE AROUND SPRINTER SEAL, ROUTE THE CHASSIS WIRING THROUGH HOLE AND WIRE TIE SEAL WITH WIRE TIE 8343-04-000.
- ² SEE BATTERY INSTL. FOR ADDITIONAL INFORMATION.
- 1. SECURE CONDUIT 41953, TAB AS REQUIRED, OVER ALL WIRES IN CONTACT WITH SHARP EDGES.

NOTES:

CONNECT CIRCUIT TD-1 TO BATTERY AS SHOWN ⁵

⁵ UNDER DRIVER'S SEAT, BUTT SPLICE CIRCUIT TD FROM WIRE ASM-CHASSIS BATTERY JUMPER TO CIRCUIT TD FROM WIRE ASM-CHASSIS.

⁵ WIRE ASM-CHASSIS BATTERY JUMPER 000222178 / 342694-01-000

⁵ SEE DETAIL AA

² ALTERNATOR CABLES TO ALTERNATOR

WIRE ASM-CHASSIS TO PSM
DETAIL BB

³ DROP TO SPRINTER CHASSIS WIRING UNDER DRIVERS SEAT
DETAIL BA

TO LOAD CENTER

TO DC PANEL

TO WIRE ASM-COACH, DRIVER

TO GROUND BOLT
SEE DETAIL AB

TO INVERTER

BATTERY INSTL 000290112 / 358110-01-000

TO WIRE ASM-COACH, PASSENGER

LR TO ALTERNATOR ⁴

WIRE ASM-CHASSIS 000290152 / 358077-01-000

²⁶⁵ CODES/STANDARDS-CSA/CMVSS

^{1B1} CODES/STANDARDS USA

^{1B1} ²⁶⁵



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DSNR:		ALL DIMENSIONS ARE IN MILLIMETERS	
DFFR:		MATERIAL:	
UNSPECIFIED TOLERANCES:			
WHOLE DIM (X)	: 3		
ONE-PLACE (X.X)	: 1.5		
TWO-PLACE (X.XX)	: 0.50		
ANGLE	: 1°		

REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES

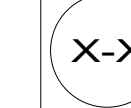
WEIGHT: (LBS) FIRST USED: 20 B44E

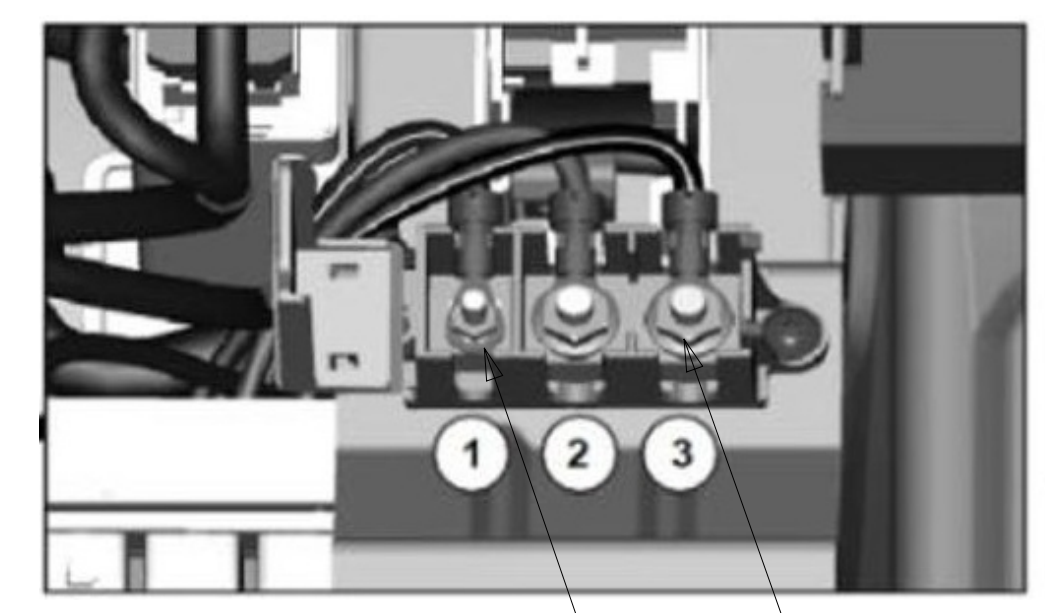
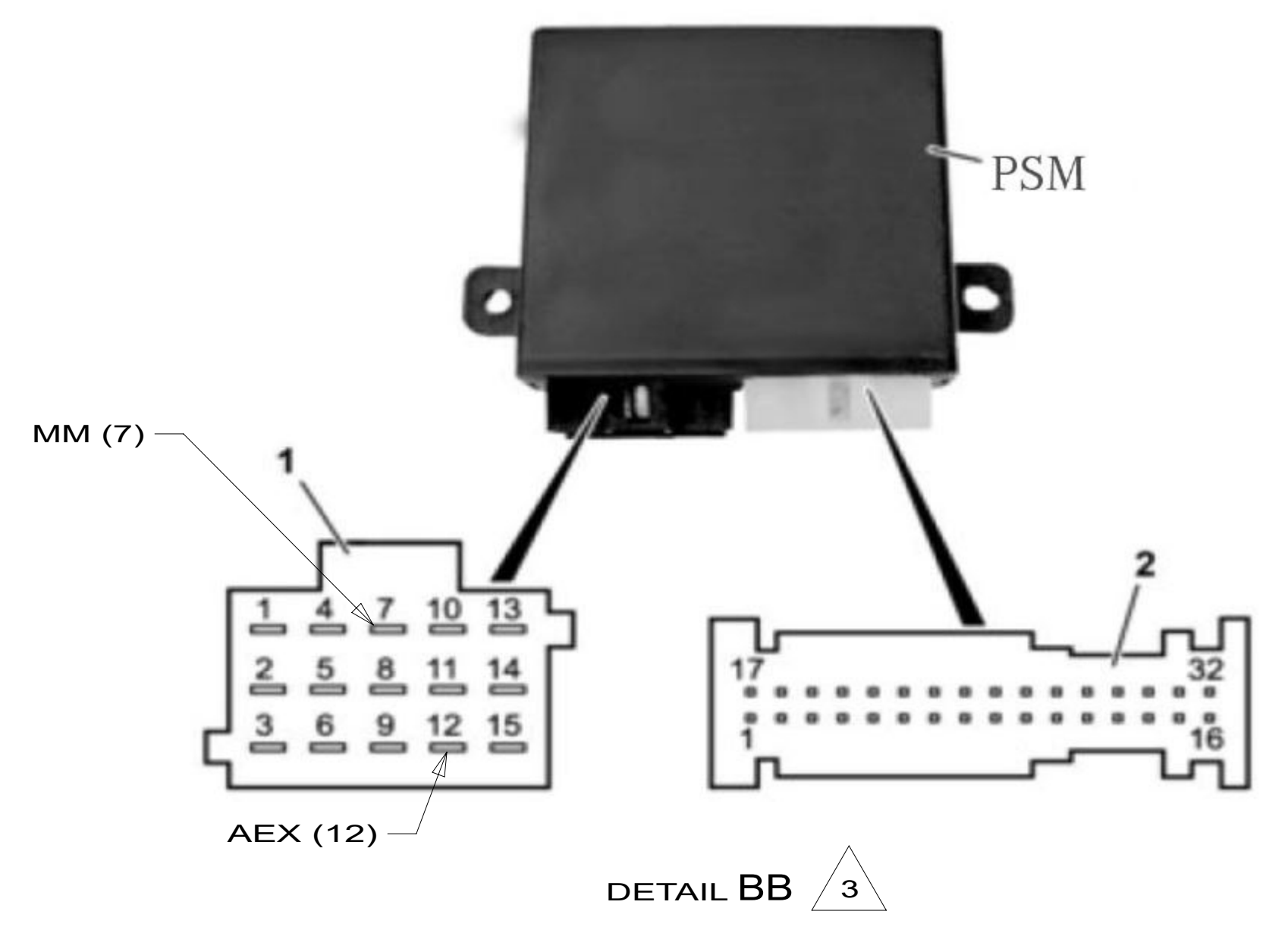
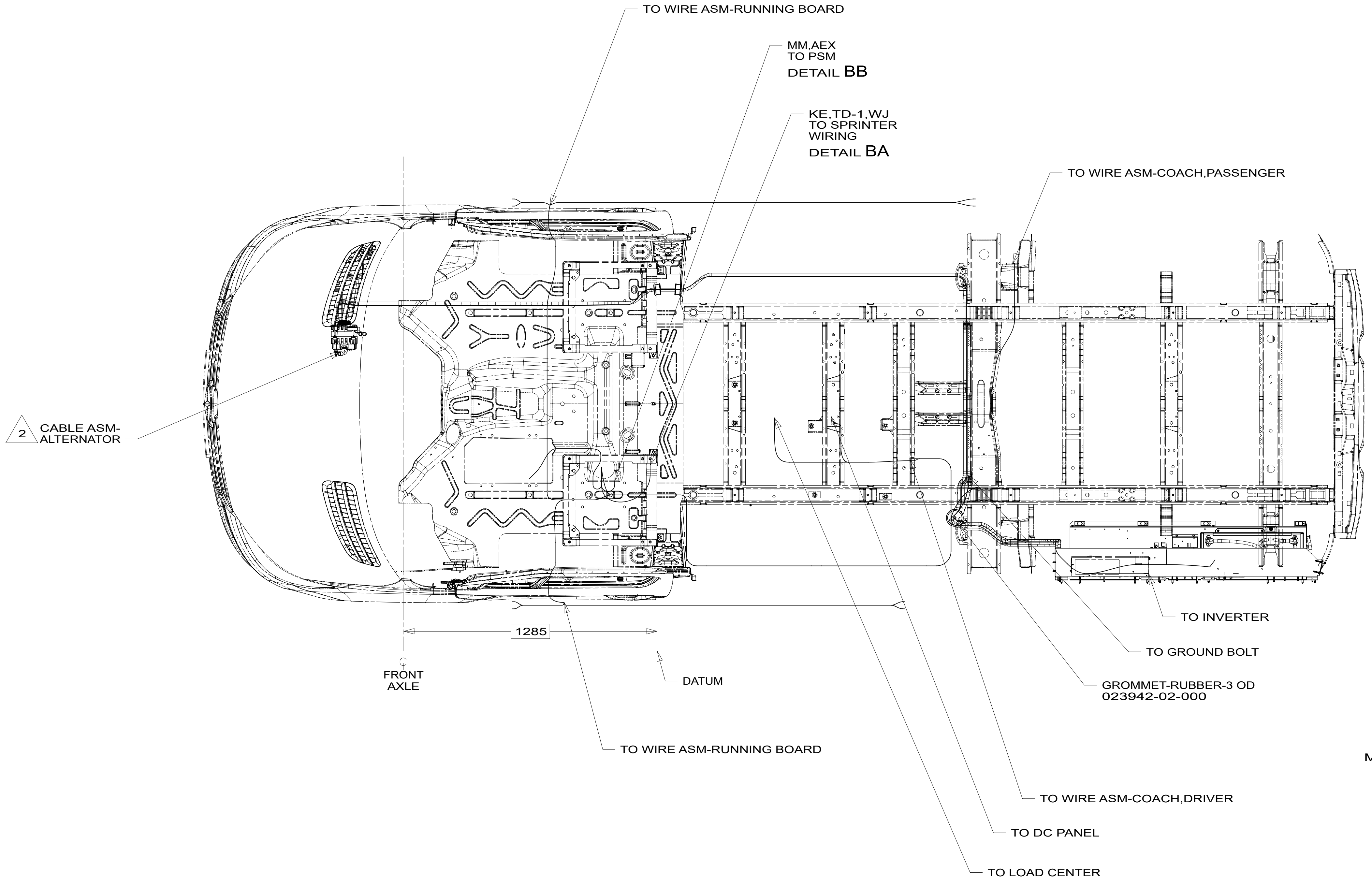
DESCRIPTION: WIRING INSTL-CHASSIS

SHEET:	ITEM/PART NO.:	REV:
1 OF 2	000186705 / 33512101000	

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

FOR ELECTRICAL CALLOUTS SEE DWG 000228177 344479-01-000





Terminal	U [V] / I [A]
1 st power with engine running	12V / 10A
2 nd battery direct power	12V / 25A
3 rd ignition power	12V / 15A

DETAIL BA 3

- NOTES:
- 3 LOCATED UNDER DRIVER'S SEAT.
 - 2 SEE BATTERY INSTL FOR ADDITIONAL INFORMATION.
 - 1. SECURE CONDUIT 41953, TAB AS REQUIRED, OVER ALL WIRES IN CONTACT WITH SHARP EDGES.

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

FOR ELECTRICAL CALLOUTS SEE DWG 000228177 344479-01-000

265 CODES/STANDARDS-CSA/CMVSS
1B1 CODES/STANDARDS USA

1B1 265

DESCRIPTION:
WIRING INSTL-CHASSIS

SHEET: 2 OF 2 ITEM/PART NO.: 000186705 / 33512101000 REV

1 29-Nov-2023