

W/H CONT TANKLESS W/H CONTROL

USB Charge Port

SC Slideout Controller

Converter/12V Fuse Block

FUSE 12V Fuse Block

12V Inverter

12V Storage Battery

BB Breaker Box

AC Air Cond. 120V

15A GFCI Outlet

GFCI Protected

120V Duplex Outlet

120V Single Outlet

LP Propane Detector

Electrical Inlet

Switch

Antenna Boost

Monitor Panel

TS Transfer Switch

12V light

FURN Furnace

T Thermostat

TV TV Jack

12V 12V Outlet

V 12V Vent

R Range Vent

REF Refrigerator

AWN Electric Awning

GEN Generator

P Water Pump

12V Power fan

W/H Water Heater

MW Microwave

Radio

12 VOLT AT CONVERTER				
NO	GA.	COLOR	ATC FUSE	POWER TO
1	12/14	BLACK	15 AMP	MONITOR PANEL
2	14	GRAY	15 AMP	LEFT SIDE
3	14	VIOLET	15 AMP	RIGHT SIDE
4	14	BLUE	15 AMP	REAR
5	14	ORANGE	15 AMP	APPLIANCES
6	18	ORANGE	5 AMP	LP DET
7	14	GREEN	15 AMP	TANK HEATERS
8	14	GRN/BLK	15 AMP	ELECTRIC AWNING
9	14	GRY/BLK	15 AMP	AUDIO/VIDEO
10	14	RED	10 AMP	WATER HEATER
11	10	RED	30 AMP	SLIDE MOTOR PWR

12 VOLT BREAKER					
NO	GA.	COLOR	AMPS	POWER TO	TYPE
AA	12	RED	20	POWER STEP	I
BB	6	RED	50	CONVERTER	III
CC	12	RED	15	JACKS	II

NOTES
 1. 12 VOLT WIRE: GXL BELOW FLOOR, GXL OR TEV ABOVE FLOOR
 2. 110 WIRE COPPER TYPE NM SHEATH
 3. AIR CONDITIONER BREAKER IS "HACR" TYPE
 4. POWER CORD IS 10/2 TYPE STW WITH MINIMUM 25' EXPOSED
 5. GROUNDED RECEPTS USED & SYSTEM BONDED TO CHASSIS
 6. DISTRIBUTION PANELBOARD IS CLASS CTL ENCLOSED TYPE 1 30 AMP 120 VOLT
 7. 55 AMP POWER CONVERTER
 8. NEUTRAL CONDUCTOR AND GROUNDS ARE ISOLATED IN PANELBOARD

APPLIANCE/GENERATOR SPECS

APPLIANCE	VOLTS	AMPS
CONVECTION MICROWAVE	120	12.5
AIR CONDITIONER	115	15.5
REFRIGERATOR	120	2.5
CONVERTER	120	7.5
3.2 ONAN DIESEL	120	26.67
3.6 ONAN LP	120	30

120 VOLT CIRCUITS (USA)				
CIRCUIT	GA.	VOLTS	AMPS	POWER TO
1A	10	120VAC	30 AMP	MAIN
1B	12	120VAC	20 AMP	AIR CONDITIONER
2A	14	120VAC	15 AMP	MICROWAVE
2B	14	120VAC	15 AMP	GFCI RECEPTS
3A	14	120VAC	15 AMP	GENERAL RECEPTS
3B	14	120VAC	15 AMP	CONVERTER

120 VOLT CIRCUITS (CSA)				
CIRCUIT	GA.	VOLTS	AMPS	POWER TO
1A	10	120VAC	30 AMP	MAIN
1B	12	120VAC	20 AMP	AIR CONDITIONER
2A	12	120VAC	20 AMP	MICROWAVE
2B	14	120VAC	15 AMP	GFCI RECEPTS
3A	14	120VAC	15 AMP	GENERAL RECEPTS
3B	14	120VAC	15 AMP	CONVERTER

REV	DESCRIPTION
0	INITIAL RELEASE (2018 REPLACES PRINT TEE2082)
1	ADD CARGO LT
2	REMOVED 2 BEDROOM CEILING LIGHTS
3	ADD JACKS BREAKER
4	REMOVED SOFA LIGHT SWITCH
5	ADDED WATER HEATER CONTROL TO BATHROOM WALL

DATE	BY	ECN
11/30/16	DRC	13269
12/14/16	BWD	13269
03/16/17	DRC	-
4/19/17	MSH	14009
04/25/17	DRC	13999
05/10/17	DRC	14097

ALL CONNECTORS SHOWN ARE LOAD VIEW UNLESS OTHERWISE NOTED.
 ALL WIRE MUST BE 125°C UNLESS OTHERWISE NOTED.
 LOOM AS NOTED BY _____
 LOOM SHOULD HAVE RATING OF 125°C M23VULM.
 TOLERANCES:
 ± 1" ± 30"
 ± 2" ± 30"
 REFERENCE TEE2453-05.XLS FOR CUTLIST

SPECIAL NOTES:

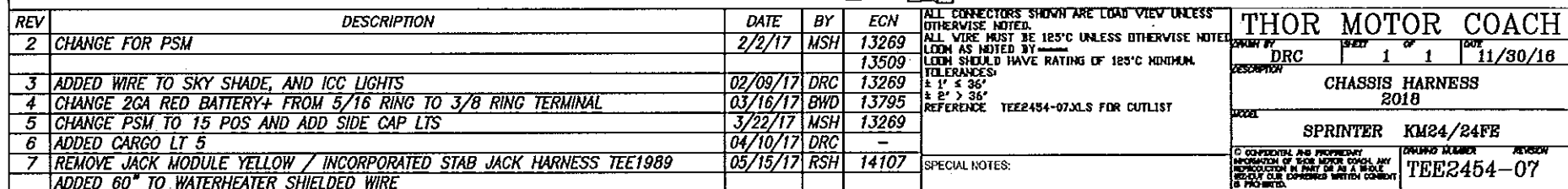
THOR MOTOR COACH

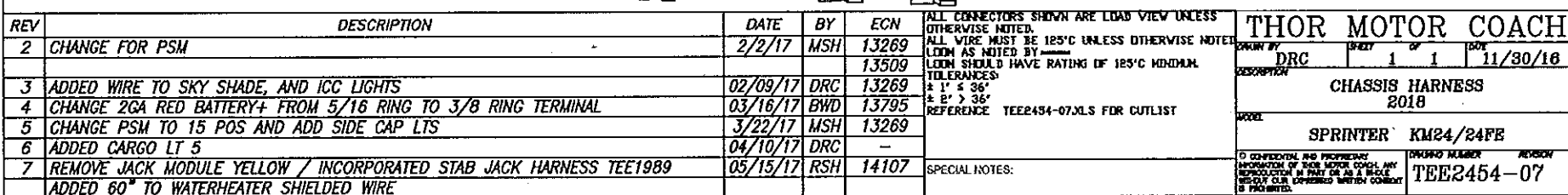
THOR BY DRC SHEET 1 OF 1 DATE 11/30/16

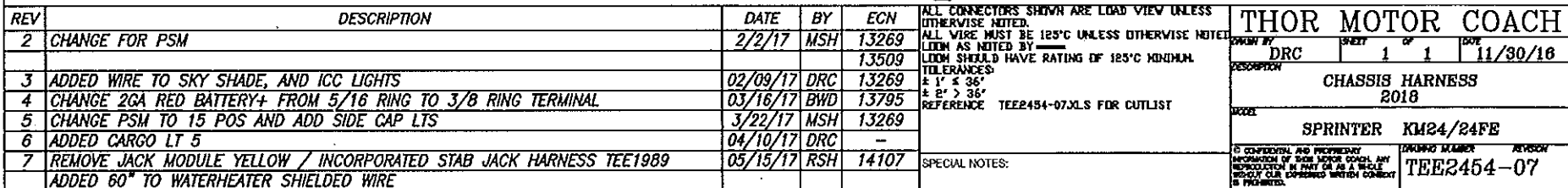
DESCRIPTION
 110/12 VOLT LAYOUT
 2018

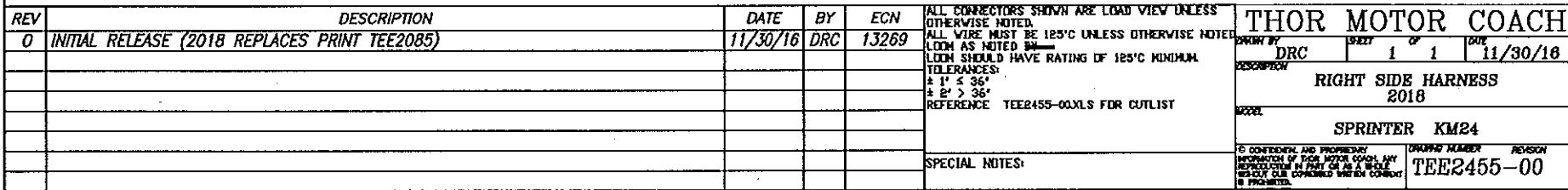
MODEL
 SPRINTER KM24

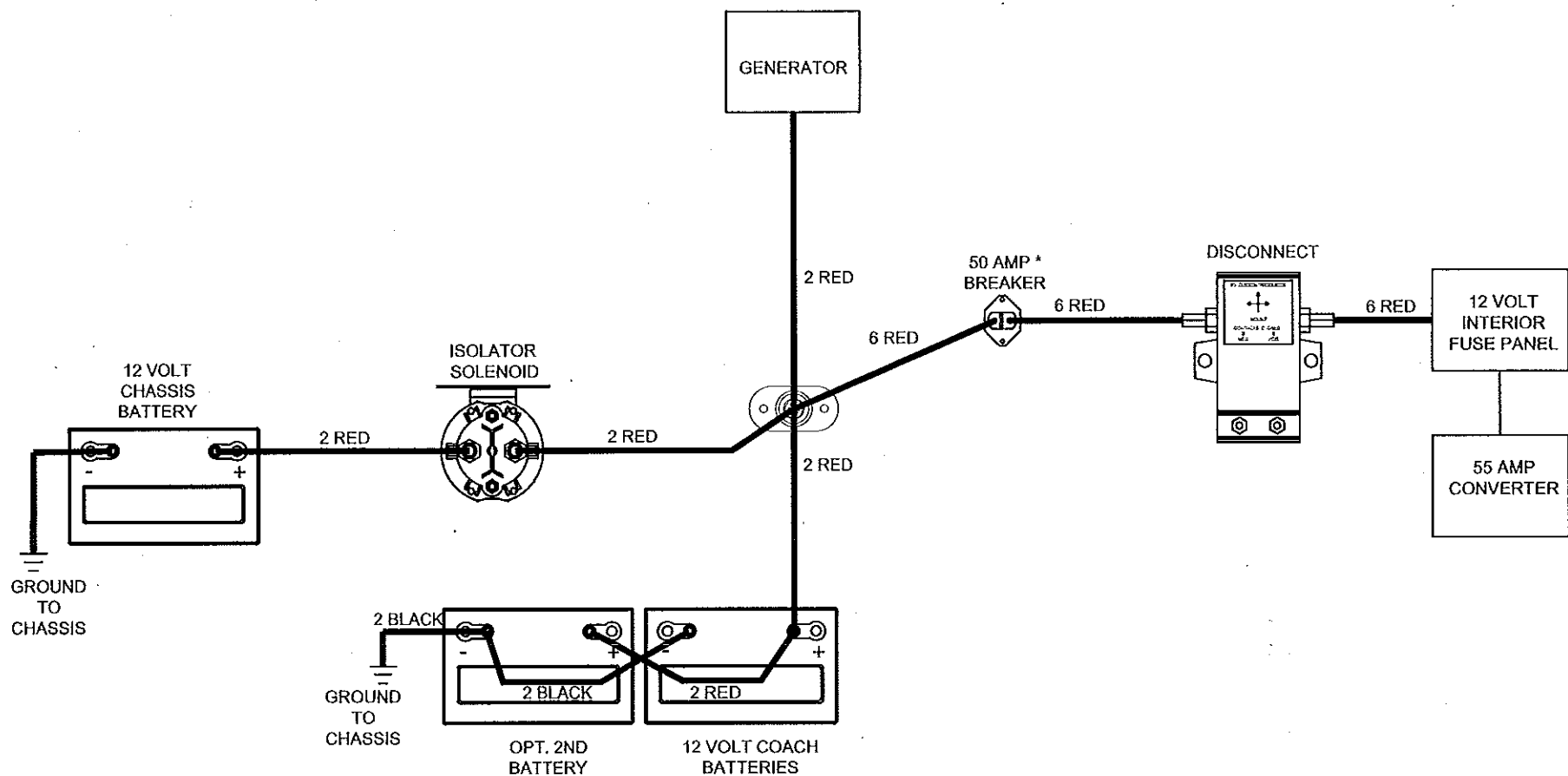
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 DRAWING NUMBER
 TEE2453-05











* BREAKERS ARE MANUAL RESET

REV	DESCRIPTION	DATE	BY	ECN	SPECIAL NOTES:	THOR MOTOR COACH			
-	INITIAL RELEASE	-	-	12239		DESIGN BY	MCH	SHEET 1 OF 1	DATE 1/22/16
						DESCRIPTION BATTERY COMPARTMENT LAYOUT			
						MODEL SEE PRINT INDEX			
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						DRAWING NUMBER TEE1883-00			