

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	ECN 16064	4/5/2016	DJF

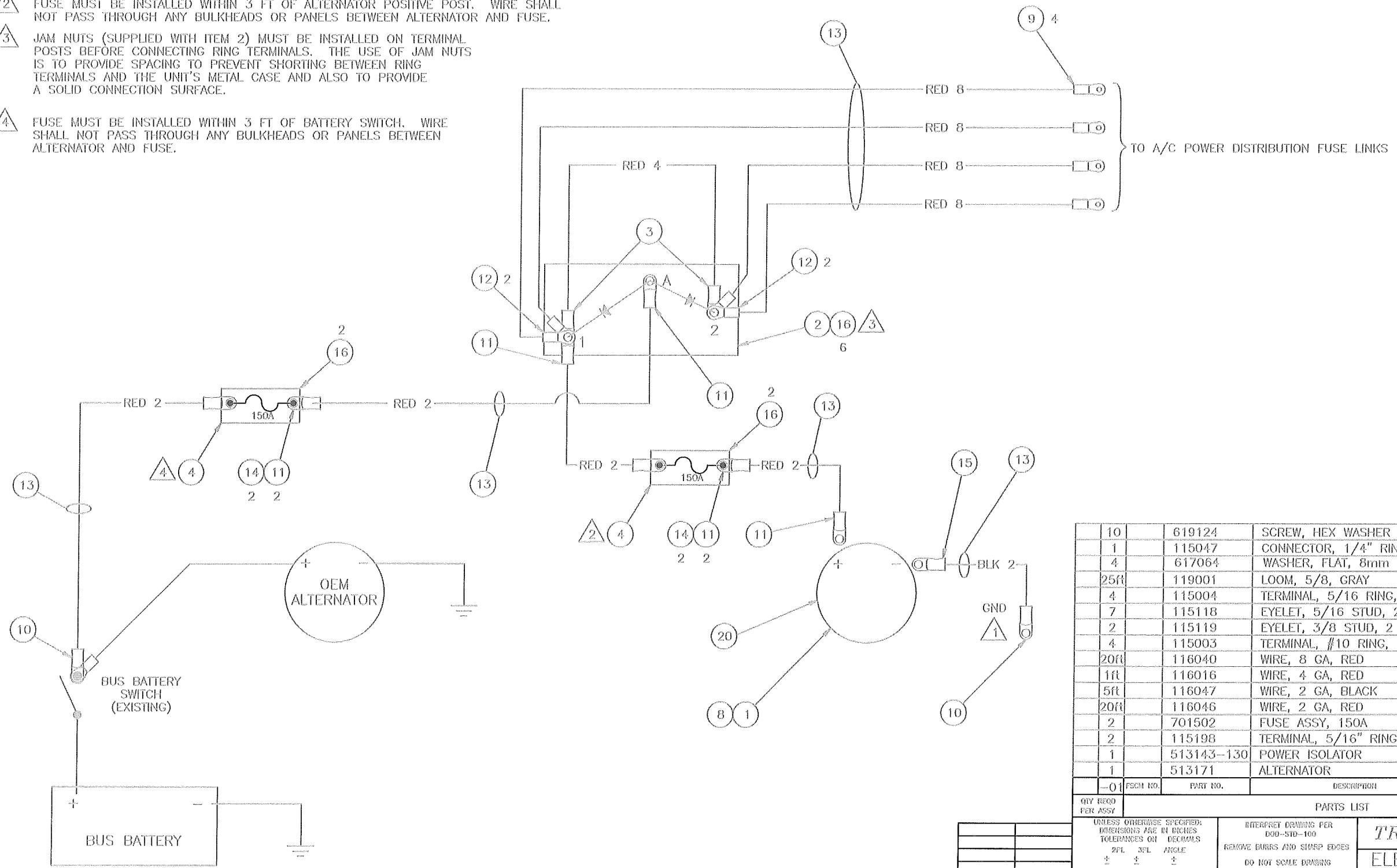
NOTES:

1 CONNECT TO VEHICLE GROUND DISTRIBUTION STUD WHEN AVAILABLE. OTHERWISE, CONNECT TO VEHICLE FRAME. REMOVE GREASE AND PAINT FROM CONNECTION POINT. APPLY ANTI-CORROSION PROTECTANT AT ALL CONNECTION POINTS.

2 FUSE MUST BE INSTALLED WITHIN 3 FT OF ALTERNATOR POSITIVE POST. WIRE SHALL NOT PASS THROUGH ANY BULKHEADS OR PANELS BETWEEN ALTERNATOR AND FUSE.

3 JAM NUTS (SUPPLIED WITH ITEM 2) MUST BE INSTALLED ON TERMINAL POSTS BEFORE CONNECTING RING TERMINALS. THE USE OF JAM NUTS IS TO PROVIDE SPACING TO PREVENT SHORTING BETWEEN RING TERMINALS AND THE UNIT'S METAL CASE AND ALSO TO PROVIDE A SOLID CONNECTION SURFACE.

4 FUSE MUST BE INSTALLED WITHIN 3 FT OF BATTERY SWITCH. WIRE SHALL NOT PASS THROUGH ANY BULKHEADS OR PANELS BETWEEN ALTERNATOR AND FUSE.



QTY REQD PER ASSY	ITEM NO.	PART NO.	DESCRIPTION	MATERIAL / SPECIFICATION	ITEM NO.
	10	619124	SCREW, HEX WASHER HD, #10 X 1/2 DRILL POINT		16
	1	115047	CONNECTOR, 1/4" RING, 2 GA, NON INSULATED		15
	4	617064	WASHER, FLAT, 8mm		14
25ft		119001	LOOM, 5/8, GRAY		13
4		115004	TERMINAL, 5/16 RING, 8 GA		12
7		115118	EYELET, 5/16 STUD, 2 GA		11
2		115119	EYELET, 3/8 STUD, 2 GA		10
4		115003	TERMINAL, #10 RING, 8 GA		9
20ft		116040	WIRE, 8 GA, RED		8
1ft		116016	WIRE, 4 GA, RED		7
5ft		116047	WIRE, 2 GA, BLACK		6
20ft		116046	WIRE, 2 GA, RED		5
2		701502	FUSE ASSY, 150A		4
2		115198	TERMINAL, 5/16" RING, 4 GA, INSULATED		3
1		513143-130	POWER ISOLATOR		2
1		513171	ALTERNATOR		1

MATERIAL		INTERPRET DRAWING PER		PARTS LIST	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS		DOD-STD-100		TRANS/AIR MFG CORP	
2PL	3PL	REMOVE BARRS AND SHARP EDGES	DO NOT SCALE DRAWING	ELECTRICAL INSTALLATION, ADD-ON 12V ALTERNATOR 8SC	
±	±	DO NOT SCALE DRAWING		SIZE D	CODE
±	±			DWG NO. 5031516	REV -
±	±			SCALE NTS	SHEET

FINAL	USED ON
APPLICATION	

DRAWN BY DJF	DATE 4/5/2016
CHECKER SRL	DATE 4/5/16
DRAWING APPROVAL [Signature]	
DESIGN APPROVAL [Signature]	