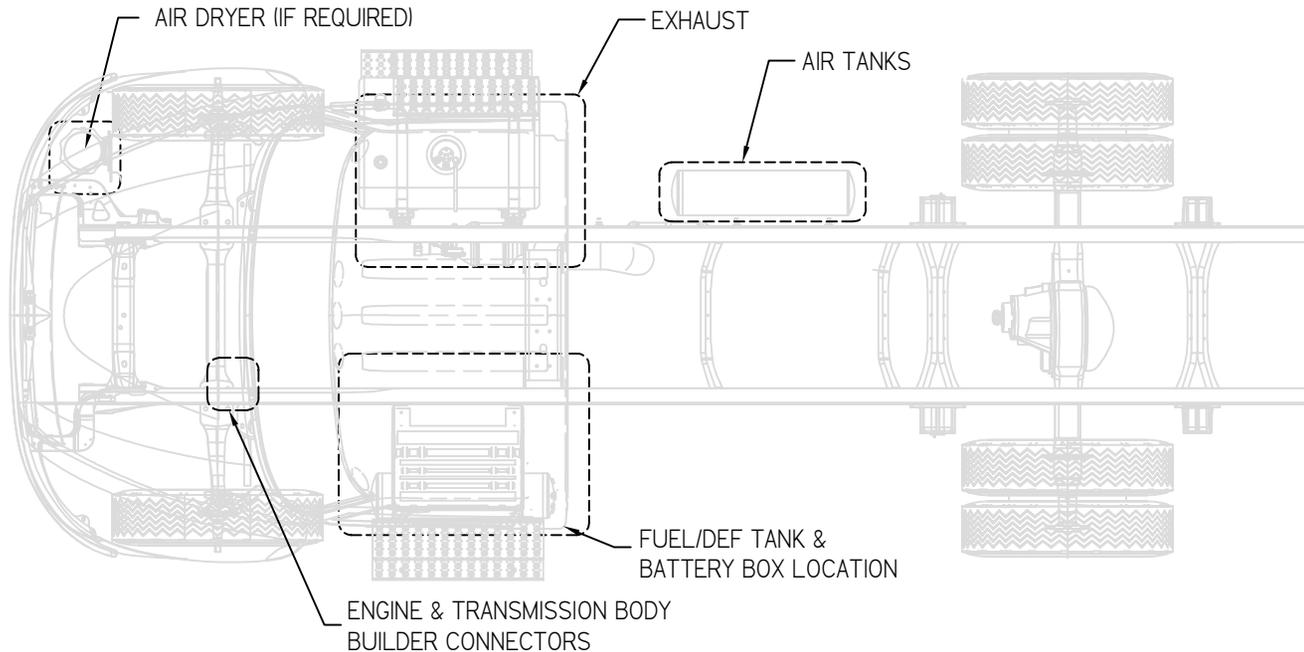


010 DRAWING SHOWS REQUIRED COMPONENTS ON FREIGHTLINER RS3 CHASSIS



LOCATION OF AIR TANKS



LOCATION OF FUEL TANK

DEVIATIONS FROM THIS LAYOUT COULD RESULT IN ADDITIONAL CHARGES AND/OR DELAYS IN PRODUCTION.

FREIGHTLINER MODEL M2-106 PROFILE DATA CODES

ENGINE

101-2NT CUMMINS ISB 6.7-250

TRANSMISSION

342-582 ALLISON 3000 RDS WITH PTO  
 343-325 WTEC CALIBRATION - 5 SPEED WITH AUTO NEUTRAL (PACKAGE 180)  
 84C-022 1, 1, 5 - LOW, START, HIGH GEARS - 3K/4K PRIMARY GEARS

\*NO TRANS MOUNTED COOLER OR RETARDER - THESE OPTIONS WILL PROMPT A PTO UPCHARGE.

FRONT AXLE

400-1A6 NON-DRIVING DETROIT DA-F-12.0-3 12,000 LB FFI 71.5 KPI/3.74 DROP SINGLE FRONT AXLE

REAR AXLE & SUSPENSION

420-1C8 DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE  
 421-391 3.91 REAR AXLE RATIO  
 622-001 23,000 FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD  
 034-998 NO REAR SUSPENSION PACKAGE  
 621-001 SPRING SUSPENSION - NO AXLE SPACERS  
 431-001 STANDARD U-BOLT PADS  
 439-998 NO REAR SHOCK ABSORBERS

FRAME

546-100  $\frac{11}{32}$ " X 3- $\frac{1}{2}$ " X 10- $\frac{3}{16}$ " STEEL FRAME 120 KSI  
 55W-066 FRAME OVERHANG 61-70 INCHES  
 AC8-99D CALC'D BOC TO REAR SUSP. 92.45"  
 AE8-99D CALC'D BOC TO REAR SUSP. 89.45"  
 AE4-99D CALC'D FRAME LENGTH - OVERALL 250.39"

PETERSEN INDUSTRIES REQUIRED FEATURE CODES FOR FREIGHTLINER CHASSIS

204-215, 23U-001 = FUEL TANK  
 239-001, 237-052 & 016-1C3 = EXHAUST  
 727-1AF = AIR HORN (NO ROOF MOUNTED HORNS)  
 460-001 = AIR TANKS (NOTE ON ORDER TO MOUNT TANKS OUTBOARD & PARALLEL TO RH RAIL, MOUNT BRACKETS AT 3450 & 3800)  
 480-009 & 479-012 = AIR DRYER (IF REQUIRED) =  
 290-017 & 282-001 = BATTERY BOX  
 293-058 = CAB MOUNTED BATTERY SWITCH  
 362-035 = CUSTOMER INSTALLED CHELSEA 277 PTO  
 372-073 = DASH MOUNTED PTO SWITCH  
 363-001 = PTO MOUNTED LH SIDE OF TRANS

34C-001 = TRANSMISSION BODY BUILDER CONNECTOR  
 79K-011 = PTO MODE ENGINE RPM LIMIT 1400 RPM  
 79L-011 = PTO MODE THRT. OVERRIDE LIMIT TO 1400 RPM  
 79X-012 = REMOTE PTO SPEED 1 SETTING 1400 RPM  
 157-007 = REMOTE ENGINE START/STOP  
 87L-005 = ENGINE REMOTE INTERFACE  
 148-073 = ENGINE REMOTE INT. FOR REMOTE THROTTLE  
 163-001 = ENGINE REMOTE INT. CONN. BOC  
 35M-001 = SMARTPLEX HUB MODULE  
 44R-002 = SMARTPLEX ON/OFF LATCHING = (LAST 3 DIGITS INDICATE # OF SWITCHES, CHANGE TO DESIRED # OF SWITCHES, 2 MINIMUM FOR UPPER TO LOWER CAB, AND STROBE LIGHT)

SMARTPLEX BOOM STOW INDICATOR = 44V-001 OR  
 SMARTPLEX BOOM & OUTRIGGER INDICATOR = 44V-002  
 INTEGRAL STOP/TAIL/BACKUP LIGHTS = 294-001



PETERSEN INDUSTRIES INC.  
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 TEL: (863) 676-1493 FAX: (863) 676-6844

TITLE: FREIGHTLINER RS3 CHASSIS COMPONENT LOCATIONS

PART NUMBER: 00 08 04 010 0 SCALE: NA

DRAWN BY: JAC APPROVED BY: DATE: 4/12/2018 SHEET: 1 OF 1