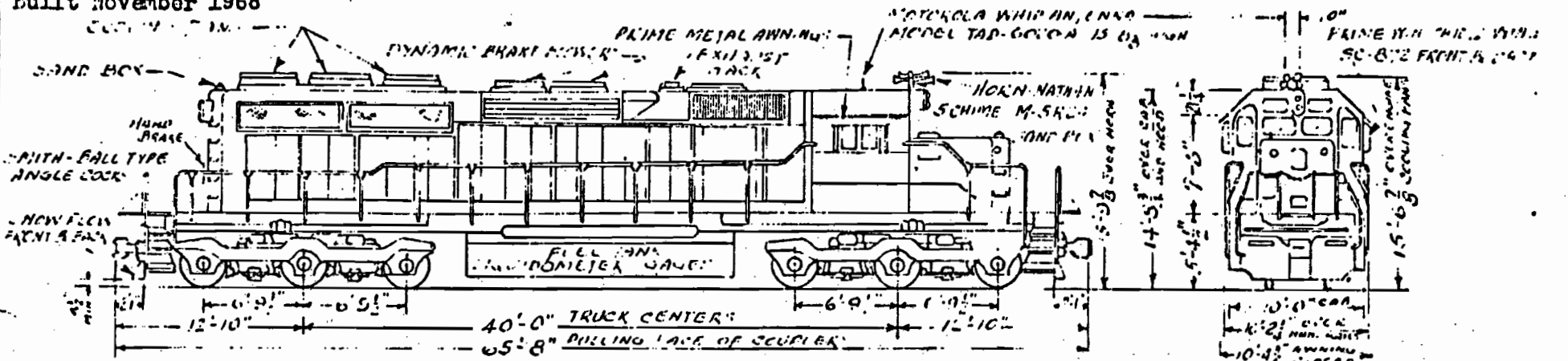


Built by Electro-Motive Division, General Motors  
 Order No. 7131, Serial Nos. 34104, 34105  
 Built November 1968

Diesel-Electric Road Switching Locomotives  
 SD-40

No. 7495, 7496  
 Class RS-31



WEIGHTS		7495 FRONT TRUCK, 7496 REAR TRUCK (L & R)		110 UNI-POINT WIDE FLANGE CLASS B WHEELS	
1. Weight - Working Order	411,400 lbs.	29. Fuel Oil	4000 gals.	Lubricating Oil	396 gals.
2. Horsepower	3000	30. Cooling Water	295 gals.	Sand (2 boxes)	76 cu.ft.
3. Ratio of gears	62:15	31. Toilet Flush Type	Kink Dayton 22 gal. tank w/Imm.Heat.		
4. Maximum Speed (over-speed setting)	65 MPH	32. Water Cooler	Racon #8100 1 gal.bottle, Cab Seats 3 EXT		
<b>ENGINE</b>		33. Carbody Air Filtration	Inertial Separator Filters Farr		
5. Type	2 cycle, Turbocharged, Model 16-645 E3	34. Engine Air Intake	Fil.45", Disposable Paper Elements Farr		
6. Cylinders Bore and Stroke	16 - 9-1/16" x 10"	35. Eng.Protector	Low Lube Oil, Low Water, Crkcase Press. Irine		
7. Speed Idling	315 RPM at rated H.P. 900 RPM	36. Sanders Traps	#277-2, Control Valves 500BS Salem		
8. Governor	Woodward PG Electro-Hydraulic	37. Bell Ringer	#506 Salem Gauge Test Fittings PM Prime		
9. 1 EMD Main Gen.	ARLOE Alternator Rect.600 V DC, Diodes 60	38. Window Wiper	6-Air Push S rague		
10. 1 EMD Alternator (on Main Gen. Shaft)	DL4, 200 V, 3 Ph.16PAC	39. Speed Record	Barco SIS 8-event; Odometer CP axle mounted		
11. 1 EMD Aux. Gen. Model A-7159-M2	10 KW, 74 volts, 150 Amps.	40. Fire Extinguisher	1 in cab, 1 in eng. compart., 20# Ansul		
12. 2 EMD Engine Starter, Motors	Dalco-Remy 1109999 32 V.	41. Draft Gear	M381 "E" Coupler w/Align. Control National		
13. 6 EMD Traction Motors	Model D-77, 1050 Amps. Cont., DC	42. Radio	Motorola #R43MST-1199AA Motorola		
14. 1 EMD Blower for Tract. Motors, Generator, Eng. Compt. Press		43. Cab Heater	2 Hot Water		
15. 2 EMD Dyn. Erk. Plr. Mod. A8112	48", 125 V, 18 HP, 1250 RPM DC	44. Air Brake	Wabco 26-L Unitized, Brake Power 58900" @ 30"		
16. 3 EMD Cooling Fans	48" dia. motor 3 Ph. 195 V, 1600 RPM AC	45. Dynamic Brake	Extended Range - 700 Amps.		
17. 1 Fuel Pump Motor	Mod. A9385 1/4 HP, 64 V, 4.3 A, 1000RPM DC	46. Reduct. Valve	J1.6-16, H2 Safety Valve, Main Reser. Wabco		
18. MU Controls	F&B, Safety Cont. Dual D-1 Foot Pedal	47. Air Compressor	Cap. 254 cfm @ 900 RPM NEO Gard.-Denver		
19. Cables	MU 27-27, 9'-0" long Howe	48. #818&824 Filters	for #1&2 Reserv., #872 Elec. Filter Salem		
20. Lighting Circuit	74 volts, Batteries MS-420 17 Plt. Exide	49. Air Reservoirs	2 - 15" dia. x 152", Tot. Capy. 49000 cu. in.		
21. Headlight	2 twin-sealed beam 200 W, 30 V, Pyle National	50. Hand Brakes	Peacock #800 RE, M.R. Auto. Drain #880 Salem		
<b>TRACTION POWER</b>		51. TRUCKS	6 Wheel Single Brake, 6 1/2" x 12", Hyatt Roller Pear.		
22. Starting at 25% adhesion	102,850 lbs.	52. Type Flexicoil	"H" Bolster Design Spring Mounted C.S. EMD		
23. 11 MPH Continuous	82,100 lbs.	53. Axles	6 1/2" x 12" H.T. w/Stress Relief Groove Spline Ea. End		
24. 15 MPH	61,500 lbs.	54. Wheels	40" A-40, Class B, MW, Side Bearing Plain Steel		
25. 25 MPH	39,500 lbs.	55. Brake Cylinders	8 - 12" x 6", Comp. Brake Class		
26. 35 MPH	28,000 lbs.	56. Maximum length coupled	65'-6"		
27. 45 MPH	22,000 lbs.	57. Maximum Width	10'-4 3/4", Maximum Height 15'-9 7/8"		