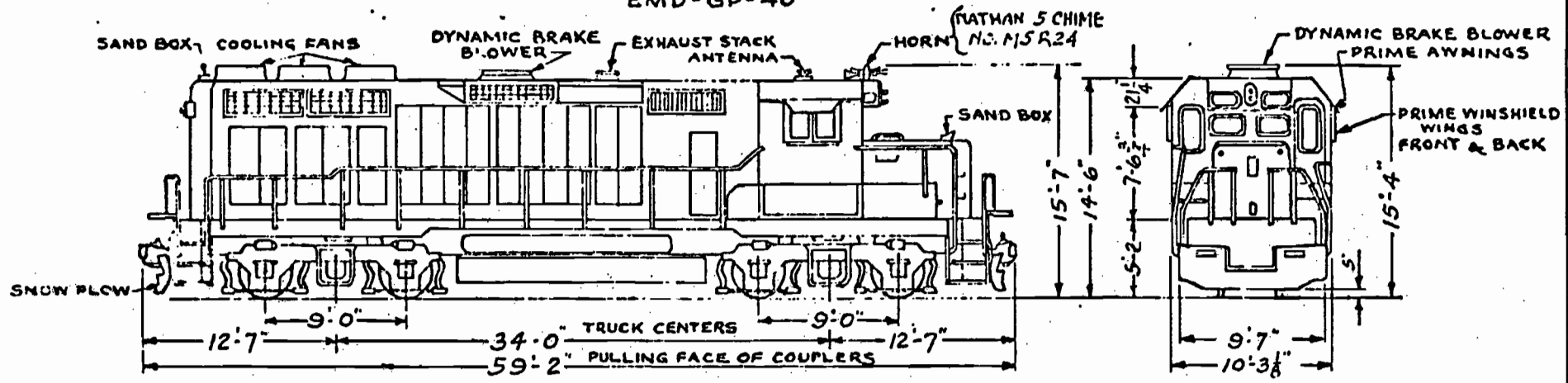


BUILT BY: TRO-MOTIVE DIVISION, ORDER NO. 5791  
 SERIAL NO. 5 37886-37890  
 AUGUST 1971

Diesel-Electric Road Switching Locomotives, Nos. 795-3799

EMD-GP-40



1. Weight - Working Order	267,600 lbs.	29. Fuel oil 3200 gals.	Lubricating oil 396 gals.
2. Horsepower	3000	30. Cooling water 254 gals.	Sand (2 boxes) 56 cu.ft.
3. Ratio of gears	62:15	31. Toilet Singer (Monogram) recirculating	
4. Maximum speed (overspeed setting)	65 MPH	32. Water Cooler, Snyder Model S-224; Cab Seats 3 - EMD	
<b>ENGINES</b>		33. Car body air filtration, Inertial separator filters Farr	
5. Type, 2 cycle turbocharged Model 16-645E3	EMD	34. Eng. air intake filter, 45" disposable paper elements Farr	
6. Cylinders Bore and Stroke	16 - 9-1/16" x 10"	35. Eng. Protector, low lube oil, low water, crankcase press.	
7. Speed Idling 315 RPM at rated	H.P. 900 RPM	36. Sanders Traps #277-2, Control valves 500BS	Salom
8. Governor Woodward PG	Electro-Hydraulic	37. Bell Ringer #506	Salom Gauge test fittings Salom
9. 1 EMD Main Gen. AR10A6 Alternator Rect., 600V DC Diodes 60		38. Window Wiper 6 Air Push	Springue
10. 1 EMD Alternator (on main gen. shaft) D14, 200V, 3 ph. 16P AC		39. Speed Recorder Barco DIC mechanical drive 0 - 75 MPH	
11. 1 EMD Aux. Gen. Model A-7159-12 10 KW, 74 volts, 150 Amps		40. Fire Extinguisher 1 in cab, 1 in eng. compart., 20lb. Ansul	
12. 2 EMD Engine Starter Motors, Delco-Remy 1109999 32 V.		41. Draft Gear NC391 "E" Coupler with align. Control National	
13. 4 EMD Traction Motors, Model D77, 1050 amps. Cont. DC		42. Radio Motran Model R43MST-1199AA	Motorola
14. 1 EMD Blower for Tract. Motors, Generator, Eng. Compt. Press		43. Cab Heater 2 hot water	
15. 1 EMD Dyn. Brk. Blr. Model A8132, 48", 125V, 36 HP, 1300 RPM DC		44. Air Brake Wabco 26-L standard, Brake Power 41.8%	
16. 3 EMD cooling fans, 48" dia., motor 3 ph., 195V, 1600 RPM AC		45. Dynamic Brake Standard Range	700 amp.
17. 1 Fuel pump motor, Mod. A9385, 1/4 h.p., 64V, 4.3A 1000 RPM		46. Reduction Valve, J-84-B, H2 Safety Valve, Main Reser. Wabco	
18. MU controls F & B Safety Control Dual D-1 Foot Pedal		47. Air Compressor, Capy. 254 cfm @ 900 rpm WEO Gard-Denver	
19. Cables MU 27-27 9' 0" long	Howe	48. #818&824 filters for #1&2 reserv., #872 elect. timer Salom	
20. Lighting circuit 74 volts, Batteries MS420 17 Flt Exide		49. Air Reservoirs 2 15" dia. x 152" Tot. Capy. 49,000 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	Salom
<b>TRACTIVE POWER</b>		51. Trucks 4 wheel, single brake, 6"x12" Hyatt roller bearing	
22. Starting at 25% adhesion	66,900 lbs.	52. Type Flexicoil "H" Bolster Design Spring Mounted C.S. 741	
23. 11.5 MPH Continuous	55,000 lbs.	53. Axles 6 1/2"x12" H.T. W/Stress Relief Groove Splines ea. end	
24. 15 MPH	50,500 lbs.	54. Wheels 40" MW Class B HT, Side Bearings plain steel	
25. 25 MPH	39,000 lbs.	55. Brake Cylinders 8 - 8"x8" Brake Shoes V-183	
26. 35 MPH	28,500 lbs.	56. Maximum length coupled	59' 2"
27. 45 MPH	22,000 lbs.	57. Maximum width 10' 4-3/4" Maximum Height	15' 7"