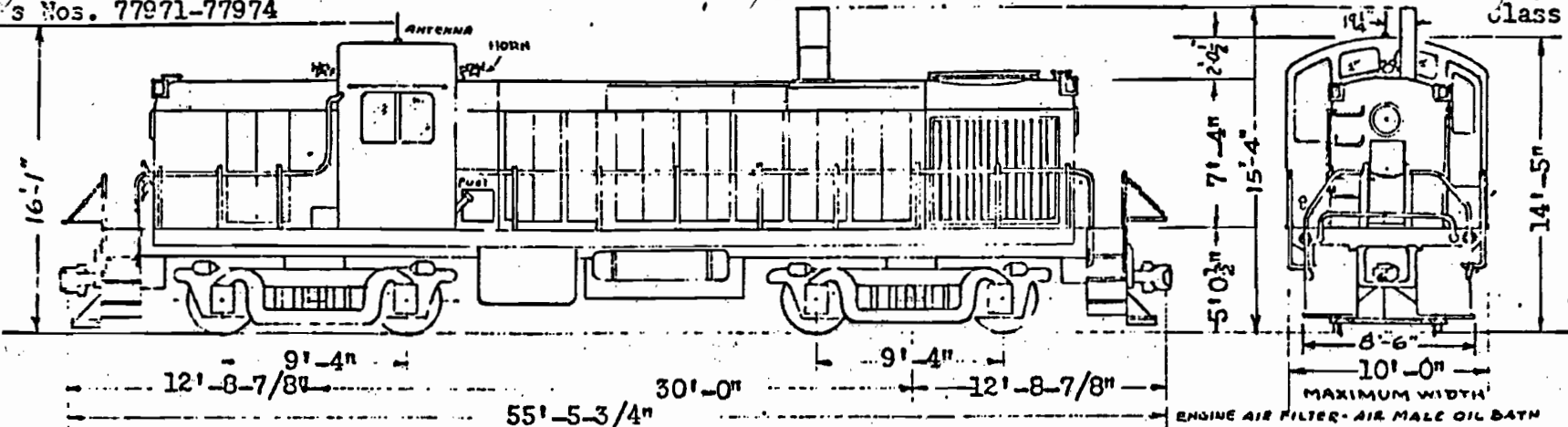


Built April 1950, American Locomotive Co.  
Builder's Nos. 77971-77974

Diesel Electric Road Switching Locomotives No. 187 182, 183, 184  
Class DS-17



GENERAL DATA J-16 R.D. VALVE RADIO EQUIPPED - 1960  
(181, 182 - GOVERNOR GE TYPE 17MG3C9) (183, 184 - GOVERNOR GE TYPE 17MG6D2) (183 ENGINE SERIES 250)  
MU RECEPTACLES - FRONT END - ONE RECP'T, BACK END TWO RECP'TS

1. Weight - Working Order	248,200 lbs.	CAPACITY	
2. Horsepower	1600	28. Fuel Oil	1600 Gals. (2 Tanks) Lubricating Oil 200 Gals.
3. Ratio of Gears	74-18	29. Cooling Water	250 Gallons Sand - 28 cu.ft.
4. Maximum Speed (Over Speed Setting)	65 M.P.H.	AIR BRAKE	Flat Maintaining and Emergency Brake Valve
<b>ENGINE</b>		30. Schedule	24 RL W.A.B. Co.
5. Type - 4 Cycle, V Type, Series 244C, Turbo Superch'd. Alco		31. Brake Power @ 30 lbs. cylinder pressure	106,800 lbs.
6. Cylinders - Bore and Stroke	12 - 9" dia. x 10 1/2"	32. Air Compressor	Westinghouse 3 CDB
7. Speed - Idling	350 R.P.M. At Rated H.P. 1000 R.P.M.	33. Air Compressor Capacity at full engine speed	305 CFM
8. Turbo Supercharger (181, 182, 183 # 510) (184 # R.D.-3)		34. Reservoir Capacity	60,650 cu.in.
9. Governor (See Above)	Electro Hydraulic	35. Feed Valve - D-24-B	Relay Air Valve HA-24-C
<b>ELECTRICAL</b>		36. Dead Man Control-Foot Pedal-Breakintwo Protection	Wabco
10. 1 - G.E. Main Generator Type GT-564 Cont. Rat. 2170 Amps		37. Handbrake	Ajax
11. 1 - G.E. Aux. Generator Type 5-CY24-A1, 12KV, 75 Volts DC		<b>MISCELLANEOUS</b>	
12. 1 - G.E. Exciter Type 5-AM-007-A2, 9KW, 100V, 2400RPM		38. Fire Extinguishers	2 3/4" Ansul In Cab, 2 - 30-lb. Ansul
13. 4 - G.E. Tract. Motors Type 5GE-752-A1, 1085 Amps. Cont. DC		39. Sanders	8 - Graham White
14. 1 - G.E. Radiator Fan Anphonic Type 7GA23A1 75 Volts DC		40. Horns - 2 Nathan M5 Modulated, Bell Ringer Trans. Dev. Co.	
15. 1 - G.E. Fuel Pump - Type 5BC7GAB-266, 1 HP, 75 Volts DC		41. Speed Recorder-Valve Pilot HD, 0-60 MPH-Speed	BARCO
16. Control Equipment-GE Type P, Overspeed with Time Delay		42. Draft Gear	Miner A-22-XL
17. Multiple Control Cable	60 Inch Length, 27 Wires	43. Couplers	A.A.R. Type "E"
18. Batteries	32 Cells, 64 Volt, Exide MV-25-D	<b>TRUCKS</b>	
19. Lighting Circuit	75 Volts	44. Type	4 Wheel, Swivel, Swing Motion Pedestal Type
20. Headlight 2 - 14" dia. 32 Volts, 250 Watts, Pyle National		45. Axles	6 1/2" x 12" Journals for Hyatt Roller Bearings
<b>TRACTIVE POWER</b>		46. Wheels	40" M.W. Rolled Steel
Starting at 25% Adhesion	62,050 lbs.	47. Brake Cylinders	8 - 10" dia. x 8" W.A.B. Co.
22. 10 M.P.H.	49,000 lbs.	48. Side Bearings	Plain Steel - Hardened
23. 15 M.P.H.	33,500 lbs.	<b>LIMITING DIMENSIONS</b>	
24. 20 M.P.H.	25,000 lbs.	49. Maximum Length Coupled	55' 5-3/4"
25. 25 M.P.H.	20,000 lbs.	50. Maximum Width	10' 0"
25. 30 M.P.H.	16,500 lbs.	51. Maximum Height	16' 4" 14' 5"
27. Continuous Rating			