

Pennsylvania Railroad Locomotive Roster Summary

Electrics, Diesels, and Motorcars

Effective: all-time

Updated 1/8/2023

Road No.	PRR Class	Model	Builder	Type	Qty.	Notes
1-7	FF2	Y-1	ALCO/GE	Electric	7	Purchased from Great Northern
1000	EP12	LWT12	EMD	Diesel	1	Aerotrain
2000-2027	BF16	RF16	BLW	Diesel	28	
2000B-2026B	BF-16	RF16B	BLW	Diesel	13	B units; even numbers only
2200-2251	EF22	GP30	EMD	Diesel	52	
2252-2370	EF25	GP35	EMD	Diesel	119	
2400-2414	AF24	RS27	ALCO	Diesel	15	
2415	AF24a	C424	ALCO	Diesel	1	Built with electrical equipment from ALCO's DL640 demonstrator
2416-2446	AF25	C425	ALCO	Diesel	31	
2500-2658	GF25	U25B	GE	Diesel	159	
3900-3901		BB1	PRR	Electric	2	One coupled pair of class B1, later operated as single units
3905-3906		A6	PRR		2	
3907		A6b	PRR		1	Rebuilt 1947 with Hamilton 450hp diesel engine
3910-3921		BB2	PRR	Electric	12	Twelve coupled pairs of class B2, later operated as single units class B1
3922-3929		L5pdw	PRR/Westingho	Electric	8	
3930		L5paw	PRR/Westingho	Electric	1	
3931		FF1	PRR	Electric	1	"Big Liz"
3932-3995		DD1	PRR/Westingho	Electric	32	Thirty-two coupled pairs
3996-3999		DD odd	PRR/Westingho	Electric	2	Two coupled pairs
4041-4048	AS15m	RS2	ALCO	Diesel	6	Not inclusive; purchased from D&H
4400-4465		E44	GE	Electric	66	Some upgraded to 5,000 hp class E44a; 4453 upgraded to 6,000 hp
4635-4701	Various	Various	Various	Gas/Diesel	39	Gas and Oil-electric cars, aka doodlebugs
4701-4790		P5a	PRR/GE/Westin	Electric	90	4702 rebuilt as P5b in 1937
4728-4744	Various	Various	Various	Gas/Diesel	16	Gas and Oil-electric cars, aka doodlebugs
4800		R1	BLW/Westingho	Electric	1	Renumbered to 4899, then to 4999
4800-4938		GG1	GE/PRR	Electric	139	
4939-4942		E2b	GE	Electric	4	Experimental
4943-4944		E2b	GE	Electric	2	Demonstrators purchased from GE
4965	None	PW&B	FM	Gas	1	Gas-electric car, aka doodlebug
4997-4998		E3b	BLH/Westingho	Electric	2	Experimental
4995-4996		E3c	BLH/Westingho	Electric	2	Experimental

WJS 5134	GM68	Brill-55	Brill	Gas	1	Gas-electric car, aka doodlebug
5550-5590	BS10a	DS4-4-10	BLW	Diesel	41	
5591-5594	BS10as	DRS4-4-10	BLW	Diesel	4	
5595-5618	BS7/B27m	DS4-4-7.5	BLW	Diesel	24	
5619-5640	AS10am	RS1	ALCO	Diesel	22	
5641-5660	AS10	S2	ALCO	Diesel	20	
5661-5670	AS6	S1	ALCO	Diesel	10	
5671-5683	LS25	T-2500	LIMA	Diesel	13	
5684-5697		B1	PRR	Electric	14	
5700-5716	EP22	E8A	EMD	Diesel	17	
5750-5759	AP20	PA1	ALCO	Diesel	10	Reclassified AFP20 in 1952
5750B-5758B	AP20	PB1	ALCO	Diesel	5	B units; even numbers only
5760-5769	EP22	E8A	EMD	Diesel	10	
5770-5783	BP20	DR6-4-20	BLW	Diesel	14	
5770B-5782B	BP20	DR6-4-20B	BLW	Diesel	7	B units; even numbers only; some derated to 1600hp and class BF16z in 1952
5784-5787	BF20	DR6-4-20	BLW	Diesel	4	Derated to 1600hp and class BF16z in 1952
5784B-5786B	BF20	DR6-4-20B	BLW	Diesel	2	B units; even numbers only; derated to 1600hp and class BF16z in 1952
5788-5810	EP22	E8A	EMD	Diesel	23	
5800		DD2	PRR	Electric	1	Experimental
5811-5834	BH50	DR12-8-30	BLW	Diesel	24	12 coupled pairs, each pair was a BH50
5834-5839	EP22	E8A	EMD	Diesel	5	
5840-5883	EP20	E7A	EMD	Diesel	44	
5840B-5864B	EP20	E7B	EMD	Diesel	13	B units; even numbers only
5884-5899	EP22	E8A	EMD	Diesel	16	
5900-5901	EP20	E7A	EMD	Diesel	2	
5900B	EP20	E7B	EMD	Diesel	1	
5902-5905	EP22	E8A	EMD	Diesel	4	
5906	AS10s	RS1	ALCO	Diesel	1	
5907-5909	BS6	VO-660	BLW	Diesel	3	
5910	ES6	SW1	EMD	Diesel	1	
5911	ES6	SW	EMC	Diesel	1	Renumbered from 3908; Winton engine until 1958
5912	ES10	NW2	EMD	Diesel	1	Renumbered from 3909; 1942 reclassified ES10
5913-5920	BS10	VO-1000	BLW	Diesel	8	
5921-5925	ES10	NW2	EMD	Diesel	5	
5926-5931	AS10	S-2	ALCO	Diesel	6	
5932-5943	BS6	VO-660	BLW	Diesel	9	
5940		L6a	Lima	Electric	1	29 carbodies built but never completed

5944-5953	ES6	SW1	EMD	Diesel	10	
5954-5956	AS6	S1	ALCO	Diesel	3	
5957-5966	BS6a	DS4-4-6	BLW	Diesel	10	
5967-5977	BS10a	DS4-4-10	BLW	Diesel	11	
5978-5979	BS10am	DS4-4-10	BLW	Diesel	2	
5980-5986	FS10	H10-44	F-M	Diesel	7	
5987-5999	ES6	SW1	EMD	Diesel	13	
6000-6039	EF25a	SD35	EMD	Diesel	40	
6040-6104	EF30a	SD40	EMD	Diesel	65	
6105-6234	EF36	SD45	EMD	Diesel	130	
6300-6314	AF27	C628	ALCO	Diesel	15	
6315-6329	AF30a	C630	ALCO	Diesel	15	Previously class AF30
6330-6344	AF36	C636	ALCO	Diesel	15	Delivered as Penn Central
6500-6519	GF25a	U25C	GE	Diesel	20	
6520-6534	GF28a	U28C	GE	Diesel	15	
6535-6539	GF30a	U30C	GE	Diesel	5	
6540-6559	GF33a	U33C	GE	Diesel	20	Delivered as Penn Central
7000-7269	EFS17m	GP9	EMD	Diesel	270	
7175B-7204B	EFS17m	GP9B	EMD	Diesel	40	Cableless B units
7230B-7239B						
7600-7624	ES17m	SD9	EMD	Diesel	25	
7801-7807		L5pdb	PRR/Boveri	Electric	7	
7808-7811		L5pdg	PRR/GE	Electric	4	
7812-7815		L5pdw	PRR/Westingho	Electric	4	
7825-7826		L6	PRR	Electric	2	Renumbered to 5938-5939 in 1933, then to 4790-4791 in 1966
7850-7851		O1	PRR	Electric	2	
7852-7853		O1a	PRR	Electric	2	
7854-7855		O1b	PRR	Electric	2	
7856-7857		O1c	PRR	Electric	2	
7898-7899		P5	PRR	Electric	2	Renumbered to 4700 & 4791 in 1933
7900-7934	ES12	SW1200	EMD	Diesel	35	
8100-8104	BS12	S12	BLH	Diesel	5	
8105-8109	BS12a	RS12	BLH	Diesel	5	
8110	BS12am	RS12	BLH	Diesel	1	
8111-8112	BS16m	AS-616	BLH	Diesel	2	Outside equalized trucks
8113	BS24m	RT-624	BLH	Diesel	1	Outside equalized trucks
8114	BS16m	AS-616	BLW	Diesel	1	Commonwealth trucks; ex-PWV 40; acquired 1965

8424-8429	AS10a	T6	ALCO	Diesel	5	
8430-8434	AS10	S4	ALCO	Diesel	5	
8435-8442	AS16m	RS3	ALCO	Diesel	8	
8443-8445	AS16ms	RS3	ALCO	Diesel	3	8445 is high short hood
8446-8451	AS16am	RSD5	ALCO	Diesel	6	Previously class AS16a
8452-8484	AS16m	RS3	ALCO	Diesel	33	
8485-8486	AS10ams	RS1	ALCO	Diesel	2	
8487-8489	AS10	S4	ALCO	Diesel	3	
8490-8499	AS10m	S4	ALCO	Diesel	10	
8500-8501	ES15ms	GP7	EMD	Diesel	2	
8502-8512	ES15m	GP7	EMD	Diesel	11	
8513-8541	ES12m	SW9	EMD	Diesel	29	
8542-8544	ES12	SW9	EMD	Diesel	3	
8545-8550	ES15m	GP7	EMD	Diesel	6	
8551-8553	ES15ms	GP7	EMD	Diesel	3	
8554-8582	ES15m	GP7	EMD	Diesel	29	
8583-8587	ES15ms	GP7	EMD	Diesel	5	
8588-8589	ES15ax	SD7	EMD	Diesel	2	Railwashers
8590-8605	AS16m	RS3	ALCO	Diesel	16	
8606-8610	APS24ms	RSD7	ALCO	Diesel	5	
8611-8616	AS24m	RSD15	ALCO	Diesel	6	
8617-8639	AS18m	RS11	ALCO	Diesel	23	
8640-8654	AS18m	RS11	ALCO	Diesel	15	Some upgraded to 2,000hp and leased to LV
8655-8679	AS18am	RSD12	ALCO	Diesel	25	
8699-8707	FS24m	H24-66	F-M	Diesel	9	
8708-8710	FS12	H12-44	F-M	Diesel	3	
8711-8723	FS12m	H12-44	F-M	Diesel	13	
8724-8731	BS24m	RT-624	BLH	Diesel	8	Outside equalized trucks
8732-8752	BS12m	S12	BLH	Diesel	21	
8753-8764	BS12	S12	BLH	Diesel	12	
8765-8775	BS12m	S12	BLH	Diesel	11	
8776	BS12ams	RS12	BLH	Diesel	1	
8777-8796	BS12	S12	BLH	Diesel	20	
8797-8806	ES15m	GP7	EMD	Diesel	10	Assigned to passenger helper service, horseshoe curve
8807-8816	FS16m	H16-44	F-M	Diesel	10	
8817-8836	AS16m	RS3	ALCO	Diesel	20	
8837-8856	AS16ms	RS3	ALCO	Diesel	20	

8857-8858	AS10as	RS1	ALCO	Diesel	2	
8859-8860	ES12	SW9	EMD	Diesel	2	
8661-8867	ES12	SW7	EMD	Diesel	7	
8868	ES12m	SW7	EMD	Diesel	1	
8869-8870	ES12m	SW9	EMD	Diesel	2	
8871-8872	ES12m	SW7	EMD	Diesel	2	
8873-8885	AS6	S3	ALCO	Diesel	13	
8886-8901	AS10	S4	ALCO	Diesel	16	
8902-8916	AS16/m/s	RS3	ALCO	Diesel	15	
8917-8942	FS20m	H20-44	F-M	Diesel	26	
8943-8951	LS25m	T-2500	LIMA	Diesel	9	
8952-8953	BS24	RT-624	BLW	Diesel	2	Commonwealth trucks
8954-8965	BS24m	RT-624	BLW	Diesel	12	Commonwealth trucks
8966-8974	BS16m/s	AS-616	BLW	Diesel	9	Commonwealth trucks
8975	BS12as	RS-12	BLW	Diesel	1	
8976-8993	BS12	S12	BLW	Diesel	18	
8994-8999	BS7	DS 4-4-7.5	BLW	Diesel	6	
9000-9049	BS6a	DS 4-4-6	BLW	Diesel	50	
9050-9079	BS10a	DS 4-4-10	BLW	Diesel	30	
9080-9099	FS10	H10-44	F-M	Diesel	20	
9100-9103	AS6	S1	ALCO	Diesel	4	
9104	ES6	SW1	EMD	Diesel	1	
9105-9109	AS10	S2	ALCO	Diesel	5	
9110-9121	BS6a	DS 4-4-6	BLW	Diesel	12	
9122-9136	BS10a	DS 4-4-10	BLW	Diesel	15	
9137-9154	ES6	SW1	EMD	Diesel	18	
9155-9176	ES10	NW2	EMD	Diesel	25	
9177-9179	BS10a	DS 4-4-10	BLW	Diesel	3	
9180-9183	BS10am	DS 4-4-10	BLW	Diesel	4	Hump control
9184-9199	FS10	H10-44	F-M	Diesel	16	
9200-9203	ES6	SW1	EMD	Diesel	4	
9204	AS10	S2	ALCO	Diesel	1	
9205-9209	ES6	SW1	EMD	Diesel	5	
9210-9236	BS6a	DS 4-4-6	BLW	Diesel	27	
9237-9246	AS6	S1	ALCO	Diesel	10	
9247-9250	ES10	NW2	EMD	Diesel	4	
9251-9275	BS10a/m	DS 4-4-10	BLW	Diesel	25	

9276-9277	BS10as	DRS 4-4-10	BLW	Diesel	2	
9278-9287	AS10	S2	ALCO	Diesel	10	
9288-9299	FS10	H10-44	F-M	Diesel	12	
9300-9311	FS20/m	H20-44	F-M	Diesel	12	
9312-9357	GS4/m	44-tonner	GE	Diesel	46	
9358-9395	ES12/m	SW7	EMD	Diesel	38	
9396-9428	ES6	SW1	EMD	Diesel	33	
9429-9434	BS10am	DS 4-4-10	BLW	Diesel	6	
9448-9455	FF16	CF16A	F-M	Diesel	8	
9448B-9454B	FF16	CF16B	F-M	Diesel	4	B units; even numbers only
9456-9471	FF20	A Erie-built	F-M	Diesel	16	
9456B-9470B	FF20	B Erie-built	F-M	Diesel	8	B units; even numbers only
9472-9477	FP20a	A Erie-built	F-M	Diesel	6	
9472B-9476B	FP20a	B Erie-built	F-M	Diesel	3	B units; even numbers only
9478-9491	FP20	A Erie-built	F-M	Diesel	14	
9478B	FP20	B Erie-built	F-M	Diesel	1	B unit
9492-9499	FF16	CF16A	F-M	Diesel	8	
9492B-9298B	FF16	CF16B	F-M	Diesel	4	B units; even numbers only
9500-9561	EF15/a	F3A	EMD	Diesel	62	
9563-9567	EF15/a	F3A	EMD	Diesel	5	
9677-9689	EF15/a	F3A	EMD	Diesel	12	
9500B-9528B	EF15/a	F3B	EMD	Diesel	29	B units
9540B-9546B	EF15/a	F3B	EMD	Diesel	7	B units
9548B-9554B	EF15/a	F3B	EMD	Diesel	4	B units; even numbers only
9600-9607	AF15	FA1	ALCO	Diesel	8	
9600B-9606B	AF15	FB1	ALCO	Diesel	4	B units; even numbers only
9608-9631	AF16	FA2	ALCO	Diesel	24	
9608B-9630B	AF16	FB2	ALCO	Diesel	12	B units, even numbers only
9640-9670	EF15/a	F7A	EMD	Diesel	37	
9690-9699	EF15/a	F7A	EMD	Diesel	10	
9764-9831	EF15/a	F7A	EMD	Diesel	68	
9872-9879	EF15/a	F7A	EMD	Diesel	8	
9547B-9555B	EF15/a	F7B	EMD	Diesel	5	B units; odd numbers only
9640B-9648B	EF15/a	F7B	EMD	Diesel	8	B units
9650B-9660B	EF15/a	F7B	EMD	Diesel	6	B units; even numbers only
9667B-9676B	EF15/a	F7B	EMD	Diesel	10	B units
9764B-9818B	EF15/a	F7B	EMD	Diesel	28	B units; even numbers only

9872B-9878B	EF15/a	F7B	EMD	Diesel	4	B units; even numbers only
9832-9871	EFP15	FP7A	EMD	Diesel	40	
9832B-9858B	EFP15	FP7B	EMD	Diesel	14	B units; even numbers only
10001-10002	AA1		PRR	Electric	2	Experimental
10003	D odd		BLW/Westingho	Electric	1	Experimental; lead to the DD1
LIRR 324-337		BB3	PRR	Electric	14	Fourteen coupled pairs of class B3, later operated as single units class B1
2 and 7	Atlas Shunters		Electric			

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Sources:

- <http://broadway.pennsyrr.com/Rail/Prr/Rosters/diesel.html>
- RRPA
- Wikipedia
- PRRTHS Keystone Vol 50 No 3 page 28-29

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