

CLASS OF TRUCK	FRAME	WHEEL BASE	DIA. OF WHEEL	TYPE OF BRAKE	WEIGHT OF TRUCK	REMARKS.	CLASS OF CAR.	CLASS OF TRUCK	FRAME	WHEEL BASE	DIA. OF WHEEL	TYPE OF BRAKE	WEIGHT OF TRUCK	REMARKS.	CLASS OF CAR.	CLASS OF TRUCK	TYPE	WHEEL BASE	DIA. OF WHEEL	TYPE OF BRAKE	WEIGHT OF TRUCK	REMARKS	CLASS OF TENDERS.		
3C-P1	10" CHAN	11'-0"	36"	S	21000		PS10, M10, M10A, B1AA, BM70, BM70A, C, D, E, F, G.	2A-F1	ARCH BAR	5'-0"	33"	S	5700	E SPRING	NDA, N4, NS.	2B1T1	ARCH BAR	5'-0"	33"	S					
3C-P2	"	11'-0"	36"	S		GENERATOR	"	2A-F2	CAST ST.	5'-0"	33"	S	5500	E SPRING	XH, RD, BE.	2B1T2	"	5'-7"	33"	S	6000			2400, 3000, 3600.	
3D5P1	CAST ST.	11'-3"	36"	C	26400	COMMONWEALTH	PB70, PBM70A, BM70L, D78E	2B1F1	"	5'-5"	33"	S	5350	E SPRING	N6A, N6B.	2B1T3	"	5'-2"	33"	S				B22.	
3D5P2	"	11'-0"	36"	C	23200		PS10, PBM70, D70, D78, D78A, B14A, BM70D, E, F, G.	2C-F1	"	5'-6"	33"	S	7600	ALSO USED ON TENDERS	F24, FL, F24X, F24Y, SS, XA, XLH, XA1, XA2.	2B1T4	"	5'-4"	33"	S				F24, L050.	
3D5P3	CAST ST.	11'-0"	36"	C	22685		PS10, D78, BM70K.	2D1F1	"	5'-6"	33"	S	5650		FN.	2C-T1	"	5'-8"	33"	S				B22, B23, F26, L050.	
3D5P4	"	11'-0"	36"	C	25000		NONE BUILT.	2D-F1	"	5'-6"	33"	S	7220	ALSO USED ON TENDERS.	FM, GL, GLA, GP, GPA, GS, GSA, GSC, GSD, GR, GRA, GLC, H22, KI, KE, KFA, R7, RF, XL, XLA, XLB, XLC, XM, X23, X24, X25, X25A.	2C-T2	PEDESTAL	5'-10"	36"	S	10000				3000, 3600, 4500.
3D7P1	"	11'-0"	36"	C	25000	ROLLER BEARING	D78	2D-F2	CAST ST. CROWN	5'-6"	33"	S	7950		FM, GL, GLA, GP, GPA, GS, GSA, GSC, GSD, GR, GRA, GLC, H22, KI, KE, KFA, R7, RF, XL, XLA, XLB, XLC, XM, X23, X24, X25, X25A.	2C-T3	ARCH BAR	5'-2"	36"	S	7800				2C.
2D3P1	10" CHAN	7'-0"	36"	S	13000		P70, B60, MS60, B60A, R60.	2D-F2	CAST ST. CROWN	5'-6"	33"	S	7950		FM, GL, GLA, GP, GPA, GS, GSA, GSC, GSD, GR, GRA, GLC, H22, KI, KE, KFA, R7, RF, XL, XLA, XLB, XLC, XM, X23, X24, X25, X25A.	2D-T1	"	6'-0"	36"	S	9450				5500, 7000 STRAIGHT, 5500, 6000 SLOPING.
2D3P2	"	7'-0"	36"	S		GENERATOR.	"	2D-F2	CAST ST. CROWN	5'-6"	33"	S	7950		FM, GL, GLA, GP, GPA, GS, GSA, GSC, GSD, GR, GRA, GLC, H22, KI, KE, KFA, R7, RF, XL, XLA, XLB, XLC, XM, X23, X24, X25, X25A.	2D-T2	CAST ST. CROWN	6'-3"	33"	S					7000.
2C-P1	"	7'-0"	36"	S			MP54.	2D-F3	CAST ST. U.S.R.A.	5'-6"	33"	S	8100		G24, X26.	2D-T3	PEDESTAL	5'-10"	36"	S	11550				7000.
2D5P1	"	7'-0"	36"	C	14500		P70, B60, B60A, MS60, R60.	2D-F4	CAST ST.	5'-6"	33"	S	7500		X28, X29.	2D-T4	DOLPHIN	6'-5"	36"	S	15150				7000-17-8 T.C.
2D2P1	"	8'-6"		S		Z MOTORS.	LONG ISLAND	2D-F5	ARCH BAR	5'-6"	30"	S		LOW	F21, F21A, F21B, F21C.	2E-T1	PEDESTAL	5'-10"	36"	S	11900				8000.
2C1P1	B.H. BEAM	7'-0"	36"	S	17200	1-MOTOR.	MP38.	2D-F6	ARCH BAR	5'-6"	33"	S	7750		U4, TMB, TM10.	2E-T2	CAST ST. CROWN	5'-10"	33"	S	10930				7D, 7F, 9000, (7000-17-8 T.CEN)
2C1P2	"	7'-0"	36"	S		1-MOTOR.	MP38A.	2D-F7	CAST ST.	6'-0"	33"	S	11300		X29 (EXPRESS)	2E-T3	PEDESTAL	6'-5"	36"	S	15400				7A, 7B.
2C-P2	"	8'-0"	36"	S	13300		MP54, MP54C, MP54D, MP54E, MP54F, MP54G, MP54H, MP54I, MP54J, MP54K, MP54L, MP54M, MP54N, MP54O, MP54P, MP54Q, MP54R, MP54S, MP54T, MP54U, MP54V, MP54W, MP54X, MP54Y, MP54Z.	2E-F1	ARCH BAR	5'-7"	33"	S	10500		H21A.	2E-T4	DOLPHIN	6'-5"	36"	S	15400				7E, (7000-17-8 T.CEN)
2D4P1	"	8'-0"	36"	S	28100	Z MOTORS.	MP54D, MP54E, MP54F, MP54G, MP54H, MP54I, MP54J, MP54K, MP54L, MP54M, MP54N, MP54O, MP54P, MP54Q, MP54R, MP54S, MP54T, MP54U, MP54V, MP54W, MP54X, MP54Y, MP54Z.	2E-F2	CAST ST. CROWN	5'-10"	33"	S	9550		F25, G22, G22A, H21A, H25, H22A, H21B.	2E-T5	CAST ST. CROWN	5'-10"	33"	S	11200				8A, 8B, 8C.
2C-P3	B.H. BEAM	8'-0"	36"	C	14300	TRAILER.	MP54E, MP54F, MP54G, MP54H, MP54I, MP54J, MP54K, MP54L, MP54M, MP54N, MP54O, MP54P, MP54Q, MP54R, MP54S, MP54T, MP54U, MP54V, MP54W, MP54X, MP54Y, MP54Z.	2E-F3	CAST ST. U.S.R.A.	5'-8"	33"	S	9550		G25.	2F-T1	CAST ST. CROWN	5'-10"	33"	S					13000.
2D-P1	10" H. BEAM	8'-0"	36"	S	13800		P70.	2E-F4	CAST ST.	5'-10"	33"	S	9000		F30, F31, G26.	2E-T1	CAST ST.	5'-0"	33"	C					18000.
2D-P2	"	8'-0"	36"	C	16000	CAST STEEL TRANSOM.	P70, B60, B60A.	2F-F1	CAST ST. CROWN	5'-10"	33"	S	10500		H24, F25, H, Y, Z, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.	2F-T3	CAST ST.	6'-6"	36"	S					150 P 70.
2D5P2	"	8'-0"	36"	C	15500		P70, B60, B60A, MS60.	3E-F1	CAST ST.	9'-0"	33"	C	18000		G23, H26.	3E-T1	CAST ST.	8'-4"	33"	C					210F75, 210F78, 210F82.
2D6P1	"	8'-8"	38"	C	31500	Z MOTORS	MP54E, MP54F, MP54G, MP54H, MP54I, MP54J, MP54K, MP54L, MP54M, MP54N, MP54O, MP54P, MP54Q, MP54R, MP54S, MP54T, MP54U, MP54V, MP54W, MP54X, MP54Y, MP54Z.	2D-F7	CAST ST.	6'-0"	33"	S	11300		X29 (EXPRESS)	3F-T2	CAST ST.	9'-0"	33"	C	20260				210F75, 210F78, 210F82, 250P75.
2D6P2	"	8'-8"	38"	C	32000	Z MOTORS.	MP54S, MP54T.	3E-F2	CAST ST.	9'-0"	33"	C	19800		F20, F29, F29.	3F-T3	CAST ST.	9'-0"	33"	C	20260				
2D5P3	CAST ST.	5'-10"	33"	C	12000		B50, R50, F50A.	2D-F8	CAST ST.	5'-6"	33"	S	7500		FM, GL, GLA, GLC, GP, GPA, GR, GRA, GS, GSA, GSC, GSD, H22, KI, KE, KFA, R7, RF, XL, XLA, XLB, XLC, XM, X23, X24, X25, X25A, X28, X29, K8, X31.	3F-T4	CAST ST.	9'-0"	33"	C	20260				
2D5P4	"	8'-0"	36"	C			P70.	2E-F (MODIFIED)	CAST ST.	5'-8"	33"	S	9000		H21A.										
2D5P5	"	8'-0"	36"	C	17650	COMMONWEALTH	P70.	2E-F5	CAST ST.	5'-8"	33"	S	8850		H21A, H21A, H21A, H25.										
2D7P1	"	8'-0"	36"	C		ROLLER BEARING		2E-F6	CAST ST.	5'-10"	33"	S	9550												
2D-P3	"	6'-3"	36"	S			B60B.																		
2D7P2	"	8'-0"	36"	C		ROLLER BEARINGS	P70.																		
2D8P1	"	8'-8"	36"	C		ROLLER BEARINGS	MP54EZ.																		
3A1P1	WOODEN	10'-0"	33"	S	12460		BA.																		
3A2P1	"	10'-6"	36"	S	14500		DE, O, G, BB.																		
3E-F1	"	10'-6"	36"	S	15250		CK, OL, PL, BN, BI, BF, MH, MI.																		
3C-F3	"	10'-5"	36"	S	21750		MM.																		
2A1P1	"	7'-0"	33"	S	8100		PE, PG.																		
2A2P1	"	7'-0"	36"	C	9350		PF, PG.																		
2A3P1	"	7'-0"	36"	C	9200		PE, PG.																		
2B3P1	"	7'-0"	36"	S	9650		PG, PK, KP.																		
2B-P2	WJ.	7'-0"	33"	S	9550	TRAILER, D6, OZ, O9.	MP1, MP2, MBZ, MOL, MBMT.																		
2B-P3	WOODEN	8'-0"	36"	S	11350		PG, PK.																		
2B1P1	"	7'-0"	36"	C	10000		PE, PG.																		
2C-P4	"	8'-0"	36"	S	14000		PK.																		
2C-P5	"	7'-0"	36"	S	10000		PK.																		
2C3P1	WJ.	7'-0"	36"	S	27150	MOTOR	MP1, MBMT, BUILT 1906.																		
2C3P2	WJ.	7'-0"	36"	S	27650	MOTOR	MP2, MBZ, MOL, BUILT 1907-09.																		

TRUCKS FOR PASSENGER CARS, FREIGHT CARS, AND TENDERS SHALL BE CLASSIFIED WITH FIVE SYMBOLS AS FOLLOWS.

FIRST. NUMBER OF AXLES PER TRUCK.

SECOND. A.R.A. CLASSIFICATION LETTER FOR JOURNAL DIAMETER ONLY.

THIRD. DASH FOR STANDARD A.R.A. AXLE OR NUMBER FOR DEVIATION FROM A.R.A. STANDARD.

FOURTH. SERVICE OF TRUCK: VIZ - P = PASSENGER, F = FREIGHT, T = TENDERS.

FIFTH. REFERS TO DESIGN OF TRUCK FOR AXLES SPECIFIED.

S = SINGLE BRAKE. C = CLASP BRAKE.

TENDER TRUCKS 2F-T3 AND 3F-T1 HAVE BEEN ADDED.

F22 AND F23 WITH 2F-F1 TRUCKS, HAVE BEEN CROSSED OFF ON ACCOUNT OF THIS CLASS OF TRUCK HAVING NEVER BEEN APPLIED TO THESE CARS. 2-6-1929 (G-22-29)

FREIGHT TRUCK 2D-F7 HAS BEEN ADDED.

TENDER TRUCK 3E-T1 HAS BEEN ADDED.

CLASSES 2E-F1 (MODIFIED) AND 2E-F5 HAVE BEEN ADDED. 12-3-1928 (G-125-28)

TRUCK CLASSES 3FIT2, 3F2T3, 3F3T4 & 2F-F2 HAVE BEEN ADDED, AND CLASS 2E1F1 CROSSED OFF. 12-16-29

FREIGHT CARS HAVE BEEN CROSSED OFF, SEE TRACING E-98401. 3-17-1932 (F-9-32)

TRUCKS CLASS 3D7P1, 3D5P4 AND 2D-P3 HAVE BEEN ADDED. 2-4-25, (G-44-25)

THIS TRACING SUPERSEDES TRACING D70003 WHICH HAS BEEN MADE OBSOLETE ON ACCOUNT OF ADDING ADDITIONAL PASSENGER CAR CLASSES. 2-13-24.

TRUCK CLASSES 3D5P5, 2D5P5, 2D7P2, 2D7P3, 2D8P1 AND 2F-T2 HAVE BEEN ADDED. 10-27-25. (G-226-35)

ISSUED 2-16-1924. A. REISSUED 2-4-25. B. Msc. 10-27-25. C. C.M.G. 10-7-26. D. C.M.G. 12-3-1928. E. A.14. 2-6-1929. F. 12-16-1929. G. 2/5 3-17-1932. H. 3M5

PENNSYLVANIA RAILROAD SYSTEM.

PASSENGER CARS, FREIGHT CARS & TENDERS

TRUCKS

CLASSIFICATION

ALTOONA 2-13-24

D
74604
H
C.C.M. RM.

H. J. Kiesel
MECHANICAL ENGINEER