

DESCRIPTION
(Not necessarily title on Drawing)

GEELONG

BALLARAT

BENDIGO

WORKS DIVISION

REMARKS

"Q" Fell Cleaner

GE-T10-8512/1

T 866 Old
Geelong No.

Rails, Fish Plates, (grooved), copy MMTB. Drawing P.3499.
102.06 lbs/yd.
Rail B.S.S. No.1
Rail Switch Tongue 100' Radius left hand, Hadfield.
Rail Lorain 88 lb. Points and Crossings.

GE-T3-6727
GE-T3-6729
GE-T3-6730
B.1205
Commonwealth
Steel Co.
R.1190 Dorman
Long & Co.
P.4720 MMTB
L.405/13 V.R.

Rail B.S. No. 1 and Fishplates with welding lip.
Rail 80 lb. (801) with Modifications for Castings
Rail Fishplates, Fishbolts and nuts for 80 lb. and 100
lb. rails.

L.405/13 V.R.
L.405/13 V.R.

Rail, Fishplates, Dimensions for section 801.
Rail, 80 lb. Tee, Dimensions of B.H.P. Section 801
Rail 80 lb. groove welding of Joints.
Rail Crossover. Standard. 100 ft. radius centres.
Rail Cubic Parabola Transition Curve Table.
Rail Fishplates and Joggleplates 90 lb. Lorraine to
80 lb. B.H.P.
Rail Fishplate and Guard Plate 80 lb. Rail.

GE-T1-6227
GE-T1-6252

BEO 42/91

P 5787

R 8953
P 1371

Rail Loop Ends, Rail Lengths and Rail Bending Diagram.
Rail Loop Ends 10 ft. Centres.
Rail Loop Ends Standard left hand 11' 6" Centres,
150' Centre Radius Return.
Rail Loop Ends Standard right hand 11' 6" Centres,
150' Centre Radius Return.
Resistance Grid. Westinghouse 225N. Motor.

GE-T1-6208
GE-T1-6210
17985
Hadfields
17985
Hadfields
GE-T8-8115
GE-T8-8123

ED 4931

P 1371

Resistance Form B. Type GT. Dimensions
Rheostat Diagram. GE. 201 Motor 65 H.P. GE.K36
JR. Controller GE. Rheostats.
Rheostat Diagram. GE. 201 Motor 65 H.P. GE. B23 Rheostat
Rheostat Diagram WH. 225 Motor 53 H.P.
Route Number Box General Arrangement
Resistor Supports Type S.G.
Renewable Cups For Brake Links - All Cars

R.1176 MMTB
R.1175 MMTB
R.3546 MMTB

R 1169, 1168

R 1176

R 1175

K 2121616

W 496

Page 24

DESCRIPTION (Not necessarily title on Drawing)	Numbers of Drawings Held At			WORKS DIVISION	REMARKS
	GEE LONG	BALLARAT	BENDIGO		
Spring Axle Box. Brill Radiax Trucks	GE-T7-7643A				
Spring Motor Suspension, Brush Truck	GE-T7-7644				
Spring Ends, Motor Suspension, Brush Truck	GE-T7-7645				
Spring Motor Suspension, Brill 21E Truck	GE-T7-7651A		BEO 44/58	BEO 44/58	
Spring Axle Box (Inner). Brill 21E Truck	GE-T7-7654		BEF 44/137		
Spring Axle Box (Outer). Brill 21E Truck	GE-T7-7655		BEF 44/137		
Spring Axle Box (Outer). Pony Wheels, Brill 22E, maximum traction truck	GE-T7-7663		BEO 44/90		
Spring Axle Box (Inner). Pony Wheels, Brill 22E, maximum traction truck	GE-T7-7664		BEO 44/90		
Spring Axle Box (Outer). Driving Wheel, Brill 22E, maximum traction truck	GE-T7-7665	BA-T7-7664	BEO 44/90	BA-T7-7664	
Spring Axle Box (Inner). Driving Wheel, Brill 22E, maximum traction truck	GE-T7-7666	BA-T7-7663	BEO 44/90	GE-T7-7663	
Spring Body Brill Radiax Truck	GE-T7-7667			GE-T7-7667	
Spring, Coil for Body, Brill 22E Maximum Traction Truck	GE-T7-7690		BEO 44/77	R 3408	
Spring Seat (Side) (Birney Car)			7137 M.T.T. Adelaide		
Spring End Casting, Quarter Elliptic (Birney Car)			7150 M.T.T. Adelaide		
Spring Seat, Body End Birney Car			7152 M.T.T. Adelaide		
Spring Cap, Body End Birney Car			(BEO 44/4 7153 M.T.T.) Adelaide		
Spring for Trolley Pole Base. Maximum Traction Truck			BEO 44/87		
Spring Tension for Pole Base. "Union Standard" Conversion from 1 to 5 Springs			BEF 44/33		
Spring Motor Suspension. Top. Brill 21E			BEO 44/39		
Spring Body Single Type Truck		R 2009	BEF 44/136		
Spring Body End Brill 21E Truck (Main Multi Leaf Spring)		R 2016	BEF 44/139		
Spring Post, Brill 21E		BA-T7-7630			
Spring, Body, Caps and Seats. Max. Traction Brush & Brill				R 4060 & R 4067	
Spring, Body, Maximum Traction Brush 22E			BA-T7-7667	BA-T7-7667	
Spring (Compression) Post 22E Maximum Traction				R 4066	
Spring (Compression) Caps 22E Maximum Traction				R 4067	
Spring (Compression) Post and Block Maximum Traction				R 3947	
Spring (Compression) Brackets 22E Maximum Traction				R 3946	
Spring Journal Box Brill 79E Truck (Birney Cars)			7136 M.T.T. Adelaide		

DESCRIPTION (Not necessarily title on Drawing)	Numbers of Drawings Held At			WORKS DIVISION	REMARKS
	GEELONG	BALLARAT	BENDIGO		
Springs for 79E 1. Truck			7136 M.T.T. Adelaide		
Springs for 79E 1. Truck			7164 M.T.T. Adelaide		
Spring Leaf (top) for Journal Box, Brush Trucks	GE-T7-7633A			GE-T7-7649A	
Spring Leaf (second) for Journal Box, Brush Trucks	GE-T7-7649A			BA-T9-8392/1	
Step Single and Max. Traction. Fixed Type			7167 M.T.T. Adelaide		
Step Bracket, Fixed Brill 79 C1 Truck			7170 M.T.T. Adelaide		
Step Bracket, Movable " " " "			7188 M.T.T. Adelaide		
Step Operators " " " "					
Step Operating Mechanism on Pengelly Two-men Cars	GE-T9-8355				
Step Hinge (Step shown upright position)	GE-T9-8370				
Step Hinge, Door Operated	GE-T7-8370				
Signalling System Modified type B.Y. Non-car, counting Signals. Line diagram of Operation	BA. 2/39				
Signalling System. Details of Resistance box for 2 wire signalling system	BA. 2/46				
Signalling System. Arrangement and details of Contactor.	BA. 2/33				
Signalling System B.E.T. Type. Arrangement and Details of Box	BA. 2/38				
Signal Wiring Diagram	GE-T13-8780A				
Signal Double Coil, wiring diagram	GE-T13-8781				
	GE-T13-8781/1				
	GE-T13-8781/2				
	GE-T13-8781/3				
Signal Box, back panel wiring diagram and external connections	BA. 2/47				
Signal Box. Details of Door, B.E.T. Type	BA. 2/37				
Signal Type, B, car counting. Wiring Diagram	51699 1 F.C.				
Signal Type, B, non-car counting. Wiring Diagram	51705 F.C.				
Switch 600 Volt for Compressors	American Brake Co.		BEO 44/24		
Switch Mechanism (Track) Brass Nuts			BEO 42/1	BEO 42/1	
Switch Tongues, Various			BEO 42/85	BEO 42/85	
Switch Tongues 100' Radius				T 1156, 761	
Switch Tongue Toggle				BEO 42/2	
Switch Tongues - Tramway Permanent Way				W 491	
Switch Tongue 200' Radius Left Hand 7'9 $\frac{1}{4}$ " Long		BA-T3-6753		BA-T3-6753	

DESCRIPTION (Not necessarily title on Drawing)	Numbers of Drawings Held At			WORKS DIVISION	REMARKS
	GEELONG	BALLARAT	BENDIGO		
Single Truck, long wheel base	2385N. Brush Elect. Eng. Co. 32856N Elect. Eng. Co. 7515/3 E.S.D.	E.9831	BEO 44/61		
Side Bearing Wearing Plate, Brill 22E, Brush 22E, Maximum Traction Truck	R.4050 M.M.T.B.	BA-T7-M.M.T.B. R.4050	BEF 44/217		
Side Frame Brill 22E. Maximum Traction Truck	R.4032 M.M.T.B.	BA-T7-7634 R.4032	BEF 44/218		
Side Frame Brush 22E. Maximum Traction Truck					
Span Wire Construction Single Track	GE-T5-7179				
Span Wire Construction Double Track	GE-T5-7180				
Span Wire Construction Typical Cross Section	GE-T5-7182				
Span Wire Adjustor	GE-T6-7376				
Section Insulator for 000 S.W.G. Trolley Wire	GE-T6-7377A	GE.755			
Spur Wheel for M.V. 307 V.B. Motor 67 Teeth	GE-T7-7683B		2418 M.T.T. Adelaide		
Spur Wheel Westinghouse 225N. motor	GE-T7-7684A		7151 M.T.T. Adelaide		
Speed and Current Time Curves G.E. 264-A Motors					
Swing Link. Birney Car					
Sanding Device Air Type, Diagram of connections	1-270 WH Brake Co.				
Sander Valve Assembly, Section Diagram		R.1262			
Sand Box Ejector - Brill 21E Trucks		BA-T7-7647			
Sand Box Ejector - Brill 21E Trucks (Fabricated Type)		BA-T7-7654			
Segment Commutator. Westinghouse 225N. Motor	GE-T8-8117A		K.763118 G.E.		
Snap Switch 600 Volt Outline	GE-T9-8364				
Screen Wiper Arm Box	112 Prahran & Malvern T.T.				
Sign, Destination Illuminated	9001				
Stop and Section Signs. Provincial City Tramways					
Supporting Arms for Interchangeable Gear Case for Brush and Brill Cars.		BA-T7-7635			
Straps for Isolating Switches			BEO 42/84	BEO 42/84	

DESCRIPTION (Not necessarily Title on Drawing)	Numbers of Drawings Held At				
	GEE LONG	BALLARAT	BENDIGO	WORKS DIVISION	REMARKS
Trolley Wheel and Spindle, ball bearing type.	GE-T8-8116				
Trolley Pole, standard	GE-T8-8120				
Trolley Base - Outline U.S. 15C			BEO 44/72 K.1667990 G.E.	BEO 44/72	
Trolley Pole Base specification of Auto Retrieving Model.	W.J. Maloney Sydney.				
Trolley Bases. Drilling Plans. Pengelly Jans	M.E.S. Coy. (R.992 MMTB)	BA-T8-8121		GE-T8-8105 & 980	Never used.
Trolley Harp, 6"	GE-T8-8105 R.3174 MMTB				
Trolley Bow					
Trolley Wheel Template, Bendigo			BEO 44/27 & BEO 44/85 BEO 44/35 BEF 44/169 BEF 44/175	R.2265, R6457 GE-T8-8105 & 980	
Trolley Wheel 6"		BA-T8-8101 & 3118		Sketch	
Trolley Wheel Profile			BEO 44/78 LEO 44/80 BEO 44/25 BEF 44/143 BEF 44/148 BEF 44/203 BEF 44/198	R.2625B	
Trolley Head Side Spring					
Trolley for side removal of tram trucks					
Trolley Pole Forked Base "Union Standard"					
Tyre 33" Driver Wheel. Maximum Traction Truck.	7515/6 E.S.D.	7515/6B			
Tyre 20" Pony. Maximum Traction Truck.	7515 E.S.D.	GE-T7-7688/2 7515		7515 GE-T7-7688/2	
Tyre Tread Sections (various cities)			BEF 44/124		
Tyre Wear on Birney Car.				Sketch R2624A W416/1 304	
Tyre 26 $\frac{1}{2}$ " Birney Car.					
Tyres, General Sizes, for use when ordering supplies					
Tee-rail Construction. Details showing Silt Pit.	GE-T2-6477				
Terminal Clamp for coo S.W.G. Trolley Wire	GE-T6-7383				
Thrust Collar for 4 1/4" axle. Brill 22E Max. Traction Truck.	GE-T7-7693				
Trunion Tie Rod. Birney Car.			7130 M.T.T. Adelaide. 7131 M.T.T. Adelaide.		
Trunion Block and Washer. Birney Car.					
Tramway Leverage.	756 WH. Brake Co.				
Tail light installation and headlight with Battery Charge Arrangement.	GE-T8-8129	BA-T8-8108		8357 & BA-T8-8100	

DESCRIPTION (Not necessarily Title on Drawing)	GEELONG	BALLARAT	BENDIGO	WORKS DIVISION	REMARKS
Trailer Body Cleaner Car, alterations Template for Testing Clearance of Maximum Traction Trucks on Permanent Way Curves Truss Rod and Spring Post Assembly. Brill 2LE. Tank Cleaner Car Bendigo Tank Cleaner Car Geelong Truck (Single Type) forgings and castings details. Transom Corner Brace, Maximum Traction Transom Centre, Maximum Traction Tongues for track switch Track Switch Tongue 200ft. Radius Left Hand 7ft. 9$\frac{1}{4}$ ins. Long.	GE-T9-8352 GE-T13-8795 GE-T10-8504	BA-T3-6753	BEO 44/16 BEO 44/88 & BEF 44/226 BEF 44/114) BEF 44/109)	BEO 44/88 R4076 R4056 W491 BA-T3-6753	

ALPHABETICAL INDEX

DESCRIPTION (Not necessarily title on Drawing.)	Numbers of Drawings Held at				
	GEEELONG	BALLARAT	BENDIGO	WORKS DIVISION	REMARKS
Underframe, Birney Car left hand operation.			12-CA. 52 Brill Company.		

DESCRIPTION (Not necessarily title on Drawing)	Numbers of Drawings Held at				
	GEE LONG	BALLARAT	BENDIGO	WORKS DIVISION	REMARKS
Wheel Skid	GE-T7-7650B		BEF44/196		
Wheel Clamp for use in Case of Broken Axle.	GE-T7-7657		BEF44/195		
Wheel Centre for Brush and Brill 21E Trucks.	(GE-T7-7692/1)		BEF44/127	GE-T7-7692/1	
	(GE-T7-7686)				
Wheel Centre for 20" Pony Wheel, Maximum Traction	GE-T7-7688/1		BEF44/199	GE-T7-7688/1	
Wheel Centre machining details Brush Single Truck	GE-T7-7692/1				
Wheel Centre for 33" Driver Wheel, Maximum Traction	7515/5 E.S.D.	7515/5	BEO44/202	R991A	
Wheel Centre for 33" Driver Wheel.			BEF44/127		
Wheel Centre for 20" Pony Wheel, Maximum Traction	7515/1 E.S.D.	7515/1		7515/1	
Wheel Centre for 20" Pony Wheel, Maximum Traction	R.1114B	R.1114B	BEF44/207	R.1114B	
Windows for Motorman's Cabin, Maximum Traction Single Truck and Birney Cars.			BEO44/81		
Wearing Cups for Brake Hangers, Brill, Radiax-Brill 21E and Brush Trucks	GE-T7-7671				
Wiring Diagram for Lighting (Birney Car.)			7044 M.T.T. Adelaide		
			BEF44/197		
Wiring Connection of North Melbourne Electric Tram Lighting				R.5206 & R.5197	
Wiring Diagram Maximum Traction Cars					
Wiring for Standard Double End, Left hand corner			9-B-447		
Winding Diagram Westinghouse 225N Motor.		BA-T8-8152		R.5449 & R.5756	
Windscreen Wiper.					