



Timesegment Limited

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Welcome to this the latest edition of the mechanical signalling catalogue. This edition features:

- the latest Network Rail PADS Numbers allocated to Timesegment products
- codes used by NRS for their catalogue numbering are the same as numbers used for PADS
- all parts with PADS numbers are certified in accordance with Network Rail's product acceptance procedure
- The recently acquired LNER group patterns from the Leyton Works.

ORDERING INFORMATION

Please read this section very carefully.

ANNETTS KEYS, ELECTRIC TOKEN KEYS, etc.

These items will only be supplied to bona-fide railway users against an official order.

ORDER CODES

Reading Signal Works originated patterns - most GWR castings have a code number.

Ferrous castings have a letter prefix, e.g. A = Frame parts: G = Signal Parts.

- Parts that were withdrawn by the former BR(W) works at Reading and then reissued do not necessarily have their original number but were often allocated ones in the 'V' and 'X' series.
- Please check here to see if the part you require is in this section.
- The 1908 catalogue numbers are included, where known, to aid identification.

Non-Ferrous fittings, these in general do not have a letter prefix but are identified by a number only.

- The exemptions are non-ferrous items that featured in the 1908 catalogue where they have a letter series identical to ferrous items
- Some of the 'S' series have been reissued with a Reading number. ('S' is believed to have been applied to some patterns made at Swindon.)
- A level of cross-reference has been attempted in this list. This is not entirely accurate due to a conflict of numbers in some cases.

If you know the part number you require please when ordering a part or asking for an estimate please use the reference number.

If you do not know the reference number, please send a full description and preferably a dimensioned sketch of the part(s) required.

Even if you know the part number, please include a sketch or photograph and the part description with the request to avoid confusion, particularly if reissued numbers are involved.

Suffixes

Many parts have a suffix letter e.g. A or CA these in general indicate a later issue, possibly modified. These have been omitted from this catalogue as it not possible to guarantee issue.

- If you believe that a particular suffix is important please quote it and indicate suffix required and we will attempt to match.
- *c the pattern is incomplete and we cannot necessarily supply the part except if you are replacing a damaged component when we may need the damaged part; please enquire.
- NA The item is currently not available, but please enquires. The non-availability is normally due to the pattern requiring an overhaul and lack of demand for the part has relegated its repairs to the back of the queue.
- R This is a non critical part and will be cast from an original item. Due to shrinkage in the casting process it might be slightly under size.

NON-GWR originated patterns

Most items have differing numbering systems please quote the number in the relevant section where given otherwise please supply as much information as possible.

DESCRIPTIONS

- GWR and BR(W) items have been taken from old catalogues and drawings.
- Obvious errors and omissions have been corrected but there are still a number of unidentified parts shown with a ? in the description column.

- The LNER group patterns originate from the Leyton signal works, for which we have no records. Identification is proceeding slowly and the descriptions can only be regarded as a guide.
- No liability can be accepted for any errors in these descriptions.

DRAWINGS

Drawing numbers, where known, have been included as an aid to part identification.

- In many cases it is possible that the drawings quoted have been superseded.
- No guarantee can be given the castings produced will be to a particular drawing issue see note on suffixes.
- Customers who need parts to conform to a particular drawing issue should supply a copy of the drawing with the request
- The listing of a drawing does not imply that we can supply a copy of that drawing
- No responsibility can be accepted for any errors.

MATERIALS

The Foundries we use as subcontractors will make the castings using material to the relevant British Standards.

MARKINGS

Castings will normally carry their pattern number but will not normally carry the letters GWR or BR(W). LMS LNER etc.

- The main exception will be when the lettering forms a design as on some release instruments, in these cases the word 'Replica' or marks to indicate the date or the supply or the User will be cast on a suitable surface
- Many parts will carry a mark for foundry identification purposes
- Major customers can in some cases have their identification mark added.

MACHINING

Parts are normally supplied as cast, but fettled.

- Machining in many cases can be arranged estimates supplied on request
- The availability of a number of jigs means that it is now possible to supply a variety of pins and related components.

FABRICATED ITEMS

We can often arrange the manufacture of fabricated items e.g. Bracket signal structures; pull rods for signals, BR standard fabricated spectacle plates.

DIMENSIONS

Most items were designed using the Imperial System with the dimensions forming part of the part name. e.g. Four Foot Arm; Four Inch Lever Frame.

- Therefore all units of measurement are expressed in Imperial Units.
- Threaded components will usually be supplied to the original Imperial Specification, normally Whitworth and BA.

TERMS

- Unless other arrangements are agreed please apply for an estimate for the part(s) you require.
- On acceptance of the estimate a 50% deposit will be required, the balance being due prior to collection or delivery.
- All estimates are exclusive of carriage.
- Machining terms will be notified with the estimate for machining when requested.
- Prices will be held for six weeks but remain subject to the foundry industry standard terms.

FAULTY CASTINGS

Due to the nature of the casting process all parts are supplied subject to the standard terms and conditions of the Foundry Industry, and Timesegment's obligation does not extend beyond the replacement of faulty castings returned within 3 months.

NON LISTED PARTS

Timesegment has an extensive library of BR; LMS, LNWR, LNER and a few SR Drawings and is prepared to commission new patterns if required and specials to order.

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PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
A				
LOCKING FRAME COMPONENTS				
88/092512	A1C	A1 A5 A6 A7	MD 837	Footblock Space Lever 4" Centre 3 Bar Vertical see U66A see U66B see U66C
88/092515	A7		MA.6873	Crossbar Holder Lever Frame
88/092018	A9			Footblock Lever Frame
88/092027	A13	A13		Tappet Plate 9 x 11 - 4"centres Lever Frame
88/091794	A22		ME 8559	Ground Frame Quadrants End Left hand
88/091784	A23		ME 8359	Ground Frame Quadrants Stud locking, 5" or 5¼" Centre Class 6
88/091795	A24			Ground Frame Quadrant End Right-hand
88/091771	A32	A32	MA 6650/5	Distance Piece 2 Lever Wicket Detonator Frame
88/091780	A38		MB 7253	Tappet Plate 1 or 2 Lever Frame Ground Frame Class 2
88/092663	A80		MD.7215	Tappet Plate 4 x 4 - 5 ¼" centre
88/092454	A81			Tappet Plate 5 x 5 - 5" centre
88/092453	A81			Tappet Plate 5 x 1 - 4" Centre
88/092041	A82			Tappet Plate 5 x 2 - 4" Centre
88/092042	A83			Tappet Plate 5 x 3 - 4" centre
88/092665	A84		MD 68988	Tappet Plate New pattern 4" Centre 5 Bar Vertical Locking
88/092043	A85			Tappet Plate
88/091763	A90		MD 7484/4	Locking Frame side Left Hand Ground Frame Class 2
88/091765	A91		MD 7484/4	Locking Frame side Right Hand Ground Frame Class 2
88/091782	A92		MD 7484/7	Locking Frame Quadrant Ground Frame Class 2
88/091770	A93		MA 7436	Distance Piece Ground Frame Class 2
88/091793	A94		MA 8997	Distance Ring Ground Frame Class 2 also 6A
88/092670	A95			Footblock Quadrant Lever Frame 5 Bar Vertical Locking 1926 Standard Frame
88/092044	A95CE		ME 7345/13	Footblock Quadrant Lever Frame 5 Bar Vertical Locking
B				
LEVER AND LOCKING FITTINGS				
88/092526	B5	B14/5	MB 6463/7	Clip Box Old and New Pattern Lever
88/092534	B8		MB7060	Universal Type Lever Badge
88/091103		B13/4		Hand Lever Clip See GM 76 Lever Frame
88/092513	B15	B21	MB 8081	Lever Cam Box 3 Bar VT 4" Centre Frame
88/092045	B21	B30	MB 7005/5	Lever Crank Plate 3 Bar H T Frame
88/092872	B24	B39	MB 5982/19	Lock Box Annetts Lock
88/092874	B25	B38	MB 5982/17	Lock Lid Annetts Lock
88/092876	B28	B43	MB 5982/11	Drop Piece Annetts Lock

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
		B45		See GM 235 Annetts Lock
		B66		See GM 201 Annetts Lock
	B92*c			???
88/092522	B103	B27	MA 6862	Tappet Joint
88/092674	B105*			Lever Tail Shoe
88/092484	B106		ME 6910	Currently NOT available Lever Cam Box n.p
88/092545	B107	B23	MB 7572	Cam Box Lid Lever Frame
	B108			???
88/092825	B112		MD 7082	Lever Tail Shoe with Lug
	B113			???

C

WIRE ADJUSTERS

88/093557	C12	C12	MD 6415	Pulley Wheel 9in Wire Adjuster
	C13*c			
88/093522	C28	C28	MD 6912	Standard Wire Adjuster
		C31		Nut See GM 294 Wire Adjuster
88/093524	C35		MB 6971	Handle Hex. Head. Spindle Wire Adjuster

D

PULLEYS AND FITTINGS

88/093561	D17	D19	MB 6430	Pulley Wheel 10" Flat W.R. Pattern
88/093562	D20	D20	MB 6902	Pulley Frame Flat 8" or 10" Single
88/093565	D21	D21	MB 6903	Pulley Frame Flat 8" or 10" Double
88/093566	D22	D22	MD 6852	Pulley Frame Flat 8" or 10" Triple
88/093567	D25			Pulley Wheel 10"
88/093568	D26		MD 7107	Pulley Frame Vertical
88/093559	D28	D26	MD 7930/1	Pulley Frame Vertical Old Pattern
88/093569	D28			Pulley Wheel 10" Lightweight
88/093570	D30			Pulley Wheel 10" BR Pattern
88/093549	D31			Pulley Frame Flat 14" Single
88/093550	D32		M 5800	Pulley Frame Flat 14" Double
88/093571	D33			Pulley Frame Flat 14" Triple
	D??			Pulley Wheel 14"
88/093537	D35		BRS-SM-108A	Guides Vertical Wheels and Frames
88/093573	D37		MB.6020/34A	Pulley Frame Flat 14" Double
88/092027	D62			Horizontal Crank Frame Single
88/092029	D63			Horizontal Crank Frame Double

E

DETECTORS AND DETONATOR PLACERS

88/085349		E39		Adjusting Connection order as GM 300
88/074584	E59	E59		Box Detector Old Pattern
88/074589	E60		BRS-SM101A	Box Detector New Pattern

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/074583	E61		MA 8428/15	Blade Single Dummy BR Signal Detector
88/093792	E63	E63		Bracket Detonator Placer
88/093793	E64	E64		Cover Detonator Placer
88/093794	E73	E73	MB 7152	Link Detonator Placer
88/093017	E74			BR Standard Channel Rodding Wheel
88/093799	E75			Spacer Detector N.P
88/093795	E77		MA 8428/16	Detector Blade Double Dummy BR

F

INDEPENDANT DISC AND FITTINGS

88/092051	F7*	F7		Quadrant and Lever Independent Disc
	F28*c	F28		Disc Arm use F64
	F29*c	F29		Blinker use F65
88/092052	F41	F41		Pedestal with Detector mount Single Disc
88/092066	F42			Pedestal Single Disc
	F43*c			
88/092074	F47	F47		Spectacle Plate Independent Disc
	F57*c			
88/092301	F62		MD 7058	Pedestal I. D Double
88/092079	F63*			Pulley I. D. Single
88/092264	F64		MB 6407	Arm I.D. Single, Double, Triple
88/092276	F65		MD 6157/24	Blinker Independent Disc
88/092271	F68		MB 7221	Bearing Independent Disc Tubular
88/092310	F69		MB 7045	Lever Plate Independent Disc Tubular
88/092278	F70			Cap for Tubular I.D
88/092274	F71		MB 6325/2	Blinker Independent Disc
88/092099	F72			Arm UQ I.D. Tubular
88/092280	F75		MA 5530/29	Back Clip for Lever plate or Bearing I.D. Tubular
	F74			???

G

SIGNAL FITTINGS

88/092123	G18*	G18		Cradle Casting
88/092135	G28	G28		Quadrant Sweep Casting L.H.
88/092136	G28	G28		Quadrant Sweep Casting R.H.
88/092137	G43	G43		Boss Plate 3'
88/092139	G43NA	G43		Boss Plate 4'
88/092005	G45	G45	MB 8307	Boss Plate Round
88/092140	G47	G47	MB 7550	Bearing N.P. For Spindle
88/092142	G49	G42		Signal Post Top (Finial)
88/092143	G58	G58		Arm Stop Casting S.B
88/092146	G62	G62		Guide For Rod Triple
88/092147	G64	G64		Guide For Rod Double
88/092148	G66	G66		Guide For Rod Single

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/092149	G67	G67		Guide For Rod Single
88/092151	G68	G68		Guide For Rod Single
88/092152	G76	G76		Boss For Blinker
88/091982	G89	G89		Lever Plate Single
88/091983	G90	G90		Lever Plate Double
88/092126	G91	G91	MB 8210/3	Weight, Dummy 12lbs
88/092153	G91	G91		Weight 50lbs Old Pattern
88/091984	G93	G90	MD 9213	Lever Plate 3 Levers
88/092154	G94	G90		Lever Plate 4 Levers
88/092128	G96	G91	MB 8212/3	Weight 30lbs
88/092129	G97	G91	MB 8213/3	Weight 40lbs
88/092127	G98	G91	MB 8211/3	Weight 20lbs
		G118		Adjusting Screw order as GM 300 5/8 GM or Malleable Iron or Steel as required
88/092155	G123	G123		Washer C.I.
88/092156	G143	G143		Slip Arm Boss
88/092159	G157	G157		Boss and Spectacle Plate 12"Centre
88/092003	G158	G158	MB 6884	C.O. Arm Boss 7" Centre
88/092160	G159	G25		Arm Stop
88/092009	G170		MD 7067	Boss and Spectacle Plate Tubular Signal
88/091827	G171		MB 8215/1	Back Blinker Boss 12
88/094895	G172		MD 7231	Spindle Bearing Tubular Signal
88/092161	G173*			Lamp Bracket Clip
88/091908	G177		MB 6899	Rod Guide No.1
88/091007	G178			Rod Guide No.2
88/092118	G179		MB 6891	Tubular Signal Post Top (Finial)
88/091837	G184	G51		Combined Lamp and Stop Bracket
88/091010		G52		As above Lamp Bracket Only
88/091846	G189		MB 5869	Currently not available
88/091811	G191		MA 6750	Tubular Signal 5½" Blocks
88/091011	G193			Tubular Signal Blocks
88/091012	G197			Arm Stop C,S & W
88/091843	G204		MB 6830	Top Strut Bracket 10¾ Bracket Signal
88/092031	G206		MB 5076/44	Wire Crank Plate 1 Crank for 6½" Tubular Mast
88/092033	G207		MB 6882	Wire Crank Plate 2 Cranks for 6½" Tubular Mast
88/091956	G208		MD 6858	Single Lever Plate for 5½" Tubular Mast
88/091959	G210		MD 6920	Single Lever Plate for 6½" Tubular Mast
88/091831	G220			Bracket Fixed Signal Arm Tubular Signal
88/091848	G221		MB 7056	Bracket Signal Cap 10¾" dia. Bracket
88/091844	G222		MB 6842	Bottom Strut Bracket 10¾" Bracket Signal
88/091807	G223		MB 6931	Bracket Signal Blocks 10¾" angle Iron 2½" Gap
88/091809	G224		MB 6932	Bracket Signal Blocks 10¾" angle Iron 3" Gap
88/092035	G225		MD 7169	Double Crank Plate 10¾" dia. Bracket Signal
88/092037	G226			Triple Crank Plate 10¾" dia. Bracket Signal
88/091863	G227		MB 7226	Clip for Lamp Bracket, Revolving Type on Tubular signal

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/091834	G228		MB 6292	Revolving Lamp Bracket
88/091834	G228		MB 6930/5	Revolving Lamp Bracket revised version
88/092116	G229		MB 6293/2	Revolving Lamp Bracket Table
88/091868	G231			Lamp Bracket with Arm Stop U.Q.
88/091016	G233			Blinker Upper Quadrant
88/091017	G234			Boss and Spectacle Plate U.Q. LMS Style can be cast to take GWR arms
88/091018	G235			Boss and Spectacle plate GW style Upper Quadrant (Oxford Type)
88/091019	G236			Lamp Bracket Tubular Signal
88/091024	G237			Spindle Bearing Tubular Signal
88/091025	G238			Lamp Bracket Clips B.S. U.Q. Signal
88/091026	G239*c			Base for 6½" Tubular Mast
88/091027	G240*c			Base for 5½" Tubular Mast
88/091883	G241			Duct Entry for 5½" Tubular Mast
88/091028	G242			Rear Cover Colour Light Signal?
88/091029	G242			Lever Plate 7 Levers
88/091960	G244			Lever Plate Double 6½" Mast
88/091957	G245			Lever Plate Double 5½" Mast
88/091031	G246		MB 6569	Strut Bracket Bottom 30' Angle
88/091845	G247		MB 6568	Strut Bracket Top 30' Angle
88/091032	G248			Channel Support Block Standard Bracket Signal
88/091046	G249			Channel Support Block Standard Bracket Signal
88/091120	G250			Channel Support Block Standard Bracket Signal
88/092162	G251			Lever Plate 5 Levers (Route Indicator)
88/092125	G252			Lever Balance Weight 7lb.

J

SUNDRY FITTINGS

88/092069	J4	J4	MB 8410	Bearing Signal Selector
88/092489	J7	J7		Lever Collar 4" Centre (Reminder Collar)
88/092163	J7A*	J7A		Distance Piece 1 3/8
88/092164	J8			Staff/Token Picking Up Box Base Tubular Mast
88/092165	J9			Staff/Token Setting Down Horn Blocks Tubular Mast
88/083658	J10			Staff/Token Setting Down Frame Net Clips
88/083661	J11			Staff/Token Net and Frame Clip Front Plate Se
	?			Picking Up Box Single Sided
	?			Flap for Single Sided Box
	?			Picking Up Box Double Sided
	?			Flap For Double Sided Box

K

CRANK BASES

88/093003	K1	K1	MB 6020/2	Crank Pedestal Cheek 4" Centres
88/093005	K3		MB 6020/3	Crank Pedestal 4" Centre

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/093576	K20	K29		Crank Base Low
88/093579	K30	K30		Crank Plate L.S.
88/093006	K31	K31		Crank Plate 4" Centre, H.S.
88/093615	K36	K36		Dust Cover
88/093007	K41		MD 7263B	Crank Mounting Plate 4'6
88/093008	K42		MD 7264A	Crank Mounting Plate 3'6
88/093605	K43		BRS/SM 216	Cap Centre Pin Crank & Compensator
L				COMPENSATOR BASES
88/093009	L11	L11		Compensator Plate New Pattern
88/093578	L20			Compensator Base
M				POINT DISK
88/093010	M6	M6		Lamp Stand
P				FACING POINT FITTINGS
88/092979	P12	P12	MB 7041	Parallel Bar Inside Stop
88/092979	P31	P31		Parallel Bar Bull Head Check Rail Bracket
88/093002	P100		BRS-SM 303	F.P.L Plunger Base
88/093013	P101		BRS-SM 303	F.P.L Detector Slide
88/093005	P102		BRS-SM 303	F.P.L Slide Cover
88/093008	P103		BRS-SM 303	F.P.L Plunger Cover
88/093011	P151*			F.P.L Plunger Base New Pattern
88/930012	P152			F.P.L Bolt Lock Cover New Pattern
88/075357	P154			F.P.L Detector Bolt Lock New Pattern
86/075531	P160		BRS-SM 315/1	F.P.L Plunger Base Mk II
86/075151	P161		BRS-SM 315/2	F.P.L Detector Slide Mk II
86/075355	P162		BRS-SM 315/4	Cover For Mk II see Aluminium Section Cover
Q				FOULING BAR FITTINGS
88/093825	Q8	Q5		F.B. Bracket
S				SUNDRY POINT FITTINGS
88/093014	S7A	S7A	MD 3783A	Travelling Roller Sides
88/093115	S9A	S9	MA 3783/6	Travelling Roller Wheels Solid Rodding
	S11			Adjusting Screw Order as GM 70 state 1 ¼" Adjusting Screw
88/093058	S21		MD 6797/3	Roller Box Solid Rodding New Pattern
88/093116	S22		MA 6797/4	Roller Box Wheel Solid Rodding
88/093056	S27	S27	MD 6116/4	Saddle Brackets

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/093057	S28	S28	MD 6116/3	Saddle Brackets for Hinges
88/093117	S49			Travelling Roller Wheel Channel Rodding

T

LEVEL CROSSING FITTINGS

88/091116	T1			Gate Dirt Cover 3
88/091114	T2			Gate Dirt Cover 2 ¼
88/091112	T3			Gate Dirt Cover 2 ¾
88/091201	T8			Gate Shield Bracket Large
88/091091	T9			Gate Shield Bracket Medium
88/091318	T10			Gate Shield Bracket Small
88/091089	T20		ME 6720/3	Gate Roller Box
88/091376	T21		MB 6720/4	Gate Roller Box Wheel
88/091350	T22			Tumbler Stop also numbered X39
88/091269	T26			Gate Rollers Friction
88/091373	T31	T31	MB 6584/13	Gate Wheel Standard, without Boss
88/091374	T31	T31	MB 6584/13	Gate Wheel Standard, with Boss
88/091249	T33	T47	MB 5706/11	Medium Gate Post Half Round Flange
88/091247	T34	T47	MB 5706/12	Small Gate Post Half Round Flange
	T36			See GM 50-59
88/091141	T38	T42	MB 5706/25	Gate Quadrant Flange
88/091139	T39	T42	MB 5706/25	Gate Quadrant Flange 2 ½" Spindle
88/091137	T40	T42	MB 5706/25	Gate Quadrant Flange 2 ¼" Spindle
88/091128	T43	T43	MA 5706/27	Gate Spindle Cup Large
88/091379	T45?			Bearing
88/091259	T46	T46	MB 6682	Gate Quadrant Rack
88/091046	T48			Square Base for Gate Post
88/091354	T50	T50	ME 6772/52	Gate Stop Top - State Rise
88/091337	T52	T52	MB 6772/4	Gate Stop Sides Road and Line Stop
88/091358	T53	T53		Gate Stop Tumbler Large
88/091042	T55*c			
88/091044	T56	T48	MD 5706/5	Gate Post Base Large
88/091311	T64	T64		Gate Stop Roller Box
88/091233	T100	T100	MD 7077/3	Gate Crank Plate Large
88/091371	T101	T101	MA 7077/5	Gate Crank Cap
88/091231	T104	T104	MD 6698/3	Gate Crank Pedestal
88/091288	T106	T106		Gate Crank Spindle
	T109			See GM 70
88/091273	T110	T110		Gate Shoe Long Right Hand New Pattern
88/091274	T111	T110		Gate Shoe Long Left Hand New Pattern
88/091155	T117*c	T117	MB 6607/5	Top Gate Hinge Large
88/091147	T118*c	T118	MB 6609/5	Bottom Gate Hinge Small
88/091153	T119	T119	MB 6609/5	Top Gate Hinge Small
88/091148	T120			Bottom Gate Hinge 2 ¼" Spindle
88/091154	T121			Top Gate Hinge Medium 2 ¼" Spindle

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/091096	T128	T128	MB 6756/3	Revolving Lamp Bracket Bridge NB T182 In BR Catalogue
	T130			See GM 355
88/091224	T137*			Gate Lock Cover
88/091199	T138*	T138	MB 7039	Gate Lock Bottom Gate
88/091384	T143			Stop Guide
88/091391	T144			Stop Guide
88/091194	T145	T145		Gate Latch Stop R.H.
88/091192	T146	T146		Gate Latch Stop L.H.
88/091186	T149	T149	MB 7235	Gate Latch Handle Left Hand
88/091188	T150		MB 8517	Gate Latch Handle Right Hand
88/091240	T155	T155	MB 7244	Lock Crank Plate
88/091157	T161	T161	MB 6829	Gate Hinge Bottom
88/091098	T164*c	T164	MA 8749	Cap Gate Post 10
88/091461	T168	T168		Wicket Gate Hinge R.H. Old Pattern
88/091158	T169	T169		Wicket Gate Hinge L.H. Old Pattern
88/091393	T170	T160		Wicket Gate Hinge Central Old Pattern
88/091279	T180	T180	MB 6650/3	Gate Lever Side R.H. also Detonator Placer Frame
88/091278	T181	T181	MB 6650/3	Gate Lever Side L.H. also Detonator Placer Frame
88/091258	T190	T190	MB 6650/13	Lever Frame Quadrant also Detonator Placer Frame
	T194			??
88/091136	T195	T195		Cover Plate Frame Large.
88/091395	T196	T196		Road Stop Cover Left Hand
88/091401	T197	T197		Road Stop Cover Right Hand
	T199			See GM 70
88/091253	T202	T202	MB 5706/13	Shutting Post N.P.
88/091102	T203	T203		Cap Shutting Post
88/091040	T204	T48		Base Small Half Round for Gate Post
88/091150	T205			Hinge Wicket Gate, L.H
88/091151	T206			Hinge Wicket Gate, R.H
88/091152	T207			Hinge Wicket Gate, Central
88/091216	T210			Gate Lock
88/091221	T211			Gate Lock Nib
88/091291	T212		MD 6589/9	Gate Step Bracket 9
88/091293	T213			Gate Roller Bracket
88/091295	T214		MA 6589/12A	Gate Spindle Cup N.P.
88/091299	T215			Gate Roller New Pattern
88/091118	T216*c		MD 5706/42	Road Stop Cover Large L.H.
88/091402	T217*c		MD5706/42	Road Stop Cover Large R.H.
88/091313	T218			Tumbler Box Post Mounted Gate Stop
88/091356	T219			Tumbler Post Mounted Gate Stop
88/091403	T221			Gate Stop Tumbler Post Mounted
	T222*			????
88/091408	T223			Gate Hinge
88/091409	T224			Gate Hinge Cap

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/091410	T227			Base For Post 2¼" Dia.
88/091362	T230		ME 6772/69	Road Stop 10" Rise
88/091366	T232			Road Stop Cover 10" Rise L.H.
88/091361	T233			Road Stop Cover 10" Rise R.H.
	T234*c			???
88/091419	T235			Road Stop Top 6 ½" Rise 1 in 24
	T236*c			???
	T237			????
88/091429	T239			Road Stop Top 6½
88/091439	T240			Road Stop Cover 6½" Rise R.H.
88/091443	T241			Road Stop Cover 6½" Rise L.H.
88/091445	T251			Crank Block
88/091448	T252			Cover Road Stop
88/091450	T255			Road Stop Cover 12" Rise Note When ordering Road Stop Tops please State Rise Lap and Gradient as there are a number of duplicate numbered patterns with different parameters Gate Quadrants various sizes available 12" : 10 33/64" : 20 13/32" : 12 3/5" : 22 1/64" : 21" : 10" : 26" : 18" : 19 15/16".

U

SIGNAL BOX FITTINGS

88/092736	U7	U7		Soot Box
88/092167	U9	U9		Stove Front Bar
88/092737	U11	U11	MB 7285	Soot Box Door
88/092168	U12	U12		Door Knob
88/092169	U21	U21		Fire Brick Right Hand
88/092173	U22	U22		Fire Brick Back
88/092174	U23	U23		Fire Brick Left Hand
88/092176	U24	U24		Grating (marked X1)
88/092753	U28	U28	MB 6860/1	Roof Stove Pipe Sleeve 6"
88/092743	U29	U29	MD 7992	Roof Stove Pipe Collar
88/092179	U33	U33		Shelf Bracket 10 ½" x 10 ½"
88/092180	U36R	U31		Ventilator Casting
88/092181	U41	U41	MB 6856	Flag Bracket Stand
88/092183	U42	U42		Flag Bracket Socket
88/092185	U48	U48		Timber Box Standard
88/092191	U49	U49		Brick Box Standard
88/092192	U62	U62		Stage Bracket
88/092654	U66A	A5	MB 7558	Adjusting Plate One Hole
88/092482	U66B	A6	MD 6070/38	L.F. Truss Bracket
88/092193	U66C	A7		L.F. 2 Hole Adjusting Plate
88/092646	U66D		MB 6945	L.F. 2 Hole Adjusting Plate 8½" Centre for 5 bar 4" centre VT Frame
88/092194	U71	U71		Shoes Lever Frame 14" x 5"

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/092195	U74	U74		S Plate – Temporarily withdrawn
88/092196	U75	U75		Door Plate
88/092197	U76	U76		T Plate - Temporarily withdrawn
88/092198	U79	U79		Step Plate
88/092768	U80	U80	MB 6022	Step Bracket
88/092199	U83	U83		Pipe Rail Standard
88/092200	U102	U102		Range Fitting Fire Cover Plate – Stove U1
88/092201	U105	U105		Range Fitting Oven Bottom – Stove U1
88/092202	U108	U108		Range Fitting Cheeks Back – Stove U1
88/092203	U109	U109		Range Fitting Cheek R.H. – Stove U1
88/092204	U110	U110		Range Fitting Cheek L.H. – Stove U1
88/092211	U112	U112		Range Fitting Grating – Stove U1
88/092212	U114	U114		Range Fitting Ash Pan – Stove U1
88/092216	U117	U117		Range Fitting Oven Door Hinge – Stove U1
88/092217	U118	U118		Range Fitting Fire Door – Stove U1
88/092218	U119	U119		Range Fitting Front Fire Bars – Stove U1
88/092219	U123	U123		Range Fitting Front – Stove U1
88/092222	U125	U125		Range Fitting Tray – Stove U1 & U1A
88/092223	U131	U131		Range Fitting Top Plate – Stove U1A
88/092227	U132	U132		Range Fitting Side Right – Stove U1A
88/092228	U133	U133		Range Fitting Side Left – Stove U1A
88/092229	U134	U134		Range Fitting Back – Stove U1A
88/092740	U135	U135		Range Fitting Cheek Back Large – Stove U1A
88/092741	U136	U136		Range Fitting Cheek R.H. Large – Stove U1A
88/092742	U137	U137		Range Fitting Cheek L.H. Large – Stove U1A
88/092230	U138	U138		Range Fitting Oven Back Large – Stove U1A
88/092752	U139	U139		Range Fitting Oven Bottom Large – Stove U1A
88/092237	U140	U140		Range Fitting Oven Door – Stove U1A
88/092243	U141	U141		Range Fitting Oven Door Hinge – Stove U1A
88/092253	U142	U142		Range Fitting Oven Door Latch – Stove U1A
88/092745	U143	U143	MB 8017	Range Fitting Grating Bottom Large – Stove U1A
88/092266	U144	U144		Range Fitting Grating Frame – Stove U1A
88/092746	U145	U145		Range Fitting Fire Bars Front – Stove U1A
88/092268	U146	U146		Range Fitting Fire Door - - Stove U1A
88/092327	U147	U147		Range Fitting Front – Stove U1A
88/092328	U148	U148		Range Fitting Ash Pan – Stove U1A
88/092750	U149	U149		Range Fitting Fire Cover Plate – Stove U1A
88/092751	U150	U150		Range Fitting Round Cover Plate – Stove U1 & U1A
88/092329	U151	U151		Range Fitting Middle Plate – Stove U1A
88/092332	U152	U152		Range Fitting Flue Plate – Stove U1A
88/092333	U153NA	U153		Range Fitting Plinth – Stove U1A
88/092744	U154	U154	MB 7915	Range Fitting Damper – use with U11
88/092334	U156	U32		Chimney Cowl – Cast rather than fabricated
88/092337	U189		MD 7752	Nelson No.1 Stove Sleeve Adapter

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/092755	U190		MD 8611	Signal Box Stove Sleeve adapter (5" to 6")
88/092338	U191		MD 8612	Signal Box Stove Sleeve adapter (4" to 6")
V				ELECTRICAL DETECTORS CONTACT BOXES AND REISSUED ITEMS
	V1A*			?
88/092340	V3			Mounting Frame Spring Cushion?
88/092341	V5			Sash Roller Frame Part of U43
88/023095	V6		MB 5573/3	Lever Contact Base
88/023013	V35			Crank Pedestal Cap see section K
88/023125	V36		MD 5834/7	Contact Box Base 4 way
88/023127	V38		MD 5834/6	Contact Box Base 6 way
88/023129	V44		MD 5834/5	Contact Box Base 8 way
	V45*c			???
88/091762	V59			Annetts Lock Carrier see section B
88/093809	V77			Detonator Placer 3 Shot
88/093800	V79			Detonator Placer 3 Shot Cover
88/093810	V80		MB 6650/10	Clip Box Detonator Placer Lever Frame see also section B and T
88/092342	V91			Portable Forge Weight
88/092343	V92			Portable Forge Wheels
88/092345	V95		MD 7551	Portable Forge Blast Pipe
88/092791	V98			Forge Weights Large
88/092789	V99		ME 8079	Forge Pipe Joint Connection
88/092348	V131			Lever Bearing for class 6 frame also Suits Class 2 Ground Frame
88/083415	V144A		MD 7234	Occupation Key Box Front
88/083413	V145		MD 7223	Occupation Key Box Back
88/083414	V146		MB 7224	Occupation Key Box Base
88/083416	V147		MB 7225	Occupation Key Box Bridge Plate
88/023621	V163			Cable Protector No. 1
88/023622	V164			Cable Protector No. 2
62/070110	V180*c		MB 3987/133	End Bracket Facing
62/070114	V182		MB 3987/135	Ramp Bracket No. 2 1 Hole (Intermediate)
62/070115	V183			Ramp Bracket Trailing Piece
88/092352	V189			5" Spectacle Ring see section G
88/092354	V196			Rocking Shaft Bracket see section P
88/092974	V197		MB 6001/1a	Rocking Shaft Sleeve
88/092358	V203			Scotch Block GWR padlocked type also numbered 492A and N2703
88/092367	V204			Base for GWR Scotch Block
88/092688	V205		MA 7429	Tappet Plate Pipe Support see section A and U
88/092368	V212			Boss Additional Weight for Some G43 - 4ft to make special arm or to convert to 5ft version
88/092381	V214	G150		Spectacle Plate Additional Weight as G150

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/083656	V216			Staff Angle Bracket
88/092924	V220			Lid, Token Key Lock
88/092922	V221			Box, Token Key Lock
88/092926	V222			Cover, Keyhole Token Key Lock
88/023152	V223			Fouling Bar Rotary Type Cover see section Q
88/023011	V224*			Duct Entry Pipe?
88/023685	V225			Cable Hook 1 way
88/023686	V226		MB 7218	Cable Hook 2 way
88/023687	V227		MB 7219	Cable Hook 3 way
	V228*c			
62/070111	V230		MD 8608	A.T.C. Ramp Facing End Bracket
62/070112	V231		MD 8609	A.T.C. Ramp Trailing End Bracket
62/070113	V232		MD 8711	A.T.C. Ramp Centre Bracket
	V240*c			

X

REISSUED ITEMS AND ELECTRIC TOKEN INSTRUMENTS

88/092399	X1	G90(3)		Signal Lever Plate 3 Levers
88/092401	X2			Front Spectacle Large Disk
88/092402	X3			As X2 only no provision for Spectacle Glass
88/092407	X4*			Step Bracket 8
88/092411	X5*			Step Bracket 26
88/062416	X10			Gear Wheel Bush
88/092419	X11		MB 7918	Auto-Clearance Bar Spring Cushion Bearing
88/092735	X12		MD 8076	Bends Stove Pipe
88/092420	X16			Magazine Plate Token Instrument
88/092421	X19			Driving Arm Lever Plate
88/092422	X20			Front Intermediate Token Instrument
88/092423	X21			Back Intermediate Token Instrument
88/083440	X22			Base Intermediate Token Instrument
88/083002	X23			Bracket Intermediate Token Instrument
88/083005	X40			Compensator Base see Section L
88/083006	X43			Independent Disc Arm
88/083007	X44			Front Token Instrument
88/083239	X45			Back Token Instrument
88/083010	X46			Base Token Instrument
88/083012	X47			Blast Pipe for Small Black Smiths Forge
88/083015	X57		MB 8652	Derailment Bars 5'0" Long
88/083039	X59	S24		Stop Tap Surround
88/083044	X60	S23		Stop Tap Lid
88/083046	X63			Derailment Bar Bracket
88/083048	X64			Lever Frame Cam Box similar B21
	X68*c			???
88/083050	X72			Duct Taper Joint Duct Taper Joint

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/083051	X74			Independent Disc Spectacle as X43 but for use with Straight edge glass
88/083054	X85			Spacer Level crossing Gate Post Base?
88/083055	X100*c X101Ac			Signal Plate Large, 6 levers see T204
88/083056	X110			Lever Frame Quadrant 4" Centre Converts Class 6 Frame from 5" or 5¼" to 4
88/083057	X111*			Telephone and Battery Cupboard Weight
88/083059	X112?			
88/083066	X115			Lever Clip Box (Saxby and Farmer)
88/083067	X116			Gate Latch Stop R.H. see Section T
88/083072	X117			Gate Latch Stop L.H.
	X130			?
	X132			?
88/083075	X133			Bridge Piece? possibly U155 Floor Fastener
88/083079	X134			Pole Base Dia 5½ Dia possibly for early colour light signals on gantries
88/083080	X143			Drip Loop Lid
88/083081	X144			Drip Loop Base
	X146			?
88/083082	X152	G90(4)		Signal Pole Lever Plate For 4 Levers
88/083085	X153			? Large Right Angle Thing
88/083094	X155			Tubular Pole Top?
88/083095	X158			Special Lever Quadrant (possibly Mckenzie)
88/083097	X160			? Bracket Fits on to rail with a vertical bearing
88/083098	X164 X165?			25" Off-Set Bracket For 5 ½" O.D. Pole
88/083099	X167			Clip Block for 5 ½" & 6 ½" -Former Male
88/083100	X168			Clip Block for 5 ½" & 6 ½" -Former Female
88/074413	X171			Letter Plate "A
88/074414	X172			Letter Plate "B
88/074415	X173			Letter Plate "N
88/074416	X174			S&T Cable Indication Plate with Arrow Two versions available
88/074431	X175			Letter Plate "K
88/074427	X176		MA 7843/12	Letter Plate "J
88/074428	X177		MA 7843/13	Letter Plate "S
88/074429	X178		MA 7843/14	Letter Plate "Q
88/074417	X179		MA 7843/0	Number Plate "0
88/074418	X180		MA 7843/1	Number Plate "1
88/074419	X181		MA 7843/2	Number Plate "2
88/074420	X182		MA 7843/3	Number Plate "3
88/074421	X183		MA 7843/4	Number Plate "4
88/074423	X185		MA 7843/6	Number Plate "6
88/074425	X187		MA 7843/8	Number Plate "8
88/074426	X188		MA 7843/9	Number Plate "9" order X185 (its the same)

PADS / N.R.S	GWR No.	1908 No	Drawing No.	Description
88/074432	X189		MA 7843/19	Letter Plate "C"
88/074434	X190			Letter Plate "D"
88/085003	X191			? Handle
88/085004	X192			? Cam similar Webb & Thompson Inst.
88/074435	X193			Letter Plate "E"
88/085005	X194			Long Arm
88/085006	X195			Corner Piece?
88/085007	X196			Cam
	X205*c			
	X208*c			
88/085008	Z1		MD 7062	Plate Stay Small Currently not available
88/085010	Z2		MD 7061	Plate Stay Large Currently not available

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
NON FERROUS PARTS				
ALUMINIUM				
88/085011	P162			Cover Facing Point Lock Mk11
88/026498	T227		MD 8248/7b	Base Lifting Barrier Control Pedestal.
88/083637	1020			Token Key
88/085012	1021			Stencil Speed Lamp 5 m.p.h
88/085013	1022			Stencil Speed Lamp 10 m.p.h
88/085014	1023			Stencil Speed Lamp 15 m.p.h
88/085015	1024			Stencil Speed Lamp 20 m.p.h
88/085017	1025			Stencil Speed Lamp 25 m.p.h
88/085018	1026			Stencil Speed Lamp 30 m.p.h
88/085019	1028			Stencil Speed Lamp 35 m.p.h
88/085020	1027			Stencil Speed Lamp 40 m.p.h
88/026503	1005			Token carrier Bracket
88/085021	1008			Tablet Pocket 4
88/085022	1009			Tablet Pocket 4¼
88/026507	1010NA			Token Key Pocket.
88/085023	1029			Plate C Lamp
88/085024	1030			Plate T Lamp
88/094763	1031		MB 8498	Mounting Screen T Lamp Supersedes 1030 formerly S250
88/094764	1032			Mounting Screen T Lamp Supersedes 1029 formerly

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
	?			S&T Cable Marker Plate
				NB 1031 & 1032 are used with printed Perspex screens, 1029 and 1030 are the original cast metal versions for use with the clear front screen see also drawing MB 6241/44 & MB 8485
GUN METAL				
88/085025	2			Angles for Spectacles
88/085026	4			Resetter Arm Intermediate Token Instrument
88/085027	5			Lock Guide Intermediate Token Instrument
88/023006	8			Fasteners Lineside Cupboard Left hand formerly S 506
88/023007	8			Fasteners Lineside Cupboard Right hand formerly S 507
88/023156	11			Fastener Nut Rotary Fouling Bar (Weight Bar)
88/023118	12			Contact Box Strip
88/023398	13			Boss Slot Box
88/085028	15			Bridges Commutator
88/085029	19			Bracket Small
88/085030	20			Spring Bracket Electric Lock
88/085031	21			Base Galvanometer
88/085032	22			Bezel Galvanometer
88/085033	23			Key Boss Occupation Box
88/085034	24			Ringing Key Bracket
88/085035	25			Coil End (ATC) was 640
88/085036	26			Ringing Key Strip 8" x 7/8" x 1/2" was S101
88/085037	27			Double Flange Roller for use with V5 to make U43
88/083478	29			Commutator Segment was S92
88/083479	30			Commutator Segment was S93
88/083480	31			Commutator Segment was S94
88/083481	32			Commutator Segment was S95
88/083482	33			Commutator Segment was S96
88/083483	34			Commutator Segment was S97
88/083484	35			Commutator Segment was S98
88/083485	36			Hinge Piece 10" Token Instrument
88/094720	43			Round 12" x 1 1/4"
88/091069	50		MB 6656/3	Gate Hinge Bearing Bottom Medium New Pattern
88/091070	51		MB 6656/3	Gate Hinge Bearing Top Medium New Pattern
88/091060	52		MB 6657/3	Gate Hinge Bearing Bottom Medium Old Pattern
88/091061	53		MB 6657/3	Gate Hinge Bearing Top Medium Old Pattern
	54		MB 6659/3	Gate Hinge Bearing
88/091063 & 4	56	T36		Gate Hinge Bearing Large Old Pattern
	57			See 56
88/011072	58			Gate Hinge Bearing Large New Pattern

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
& 3				
88/091066	59		MB 6638/3	Gate Hinge Bearing Small New Pattern
88/092138	60		MB 6658/3	Bearing Gate Post Top
88/091454	61		MB 6654/3	Bearing Gate Post Top Large New Pattern
88/091455	62			Lever Contact
88/091456	64			Bridge Track Circuit Indicator (Front Bearing)
88/091869	65			Cheek Bearing Collar S.P. N.P.
88/091457	66			Base Plunger type Ringing Key
88/091458	67			Plunger Guide for Ringing Key
88/091110	70	T109/T 199		Adjusting Connection 1 3/8
88/092067	72			Adjusting Connection Locking 5/8"
88/003134	74		MB 5076/130	Connection Contact Box - New pattern
88/003133	74			Connection Contact Box - Old pattern
88/091103	76	B13/4	MA 6050/7	Hand Lever Clips
88/091458	79			Crank Swan Neck Contact Box
88/080001	84		MA 7895/7	Token Crossing Contact Bracket was S 66
88/080557	85			Reminder Flap 1948 Block Instrument was S520
88/080569	86			Locking Lever 1948 Block Instrument was S 523
88/080002	87			Front Bearing Plate 1948 Block Instrument was S522
88/080580	88			Back Bearing Plate 1948 Block Instrument was S523
88/092678	93	B25	MA 6010/66	Lever Link Cam Box N.P. see 242
88/093801	102		MB 7826/4	Carrier Detonator Placer
88/093795	103	103	MB 7161A	Detonator Layer Carrier
88/085039	116			Handle Platform Switch was S116
88/085040	117			Base Platform Switch was S117
88/085041	118			Bracket Spring Platform Switch was S118
88/085042	120			Key Triangular Socket Section
88/085043	129			End Token Carrier???
88/085050	131			End Large Staff
88/085051	134			Contact Plate Lamp Expander
88/085054	135			Contact Bar Lamp Expander
88/091888	140			Battery Box Fastener (2 Parts)
88/085056	141			Frame Bracket Double Electric Lock
88/085057	142			Guide Electric Lock
88/085058	143			Bridge piece Shoe Switch (ATC?)
88/085059	144			Spring Block
88/085060	146			Tab No 1 Speed No. Plate
88/085061	147			Tab No 2 Speed No. Plate
88/085062	149			Tab No 3 Speed No. Plate
88/085064	150			Tab No 4 Speed No. Plate
88/085065	151			Tab No 5 Speed No. Plate
88/085067				Tab No 6 Speed No. Plate
88/085069				Tab No 7 Speed No. Plate

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/085070				Tab No 8 Speed No. Plate
88/085071				Tab No 9 Speed No. Plate
88/085072				Tab No 0 Speed No. Plate
88/085075	172		MA 6630/2A	Locking Nib Mckenzie Type 9 Frame M.2
88/085076	173			Locking Nib Mckenzie Type 9 Frame M.3
88/085079	174		MA 6632/24	Locking Nib Mckenzie Type 9 Frame M.4
88/085080	175			Locking Nib Mckenzie Type 9 Frame M.5
88/085081	176		MA 6634/2	Locking Nib Mckenzie Type 9 Frame M.6
88/085082	177			Locking Nib Mckenzie Type 9 Frame M.7
88/085083	178			Locking Nib Mckenzie Type 9 Frame M.8
88/085084	179			Locking Nib Mckenzie Type 9 Frame M.9
88/085085	180		MA 6638/2	Locking Nib Mckenzie Type 9 Frame M.10
88/085086	181			Locking Nib Mckenzie Type 9 Frame M.11
88/085087	182			Locking Nib Mckenzie Type 9 Frame M.12
88/085088	188			Blade Joint 5 ¼" Stud Locking Frame
88/085089	192			Special Joint 5 ¼" Locking Frame
88/082951	194			Drive Joint Electric Lock
88/092523	201	B66	MA 9108/19	Locking Frame Lug Joint 3
88/085090	203			Locking Frame Lug Joint Hinge Centre 3" Blade
88/094725	206			Butterfly Nut
88/085091	211	G11		Key for Quadrant on Signal Post
88/085092	217			Knob Morse Ringing Key
88/085093	226		MA 9108/19	Valve Spindle ATC
88/085094	233			Tapper Lever Disc (Block Instrument)
88/092878	235	B45		Annetts Key formerly S 416
88/083400	236			Commutator Shaft Occupation Instrument
88/083419	237			Key Boss Occupation Instrument
88/083412	238		MA 10149/21	Locking Pawl Occupation Instrument formerly S 391
88/083427	239			Bezel G.F. Release Instrument formerly S 392
88/094723	240			Round 7"x 2½" Round 7"x 2 ½" Round 7"x 2 ½"
88/085095	242	B25/93		Link L.F. Cam Box N.P.
88/083397	246			Bezel Occupation Instrument
88/083408	247		MB 9569/18	Armature Lever Occupation Instrument
88/083401	248		MA 9569/47	Guide Block Occupation Instrument
88/083409	250		MB 9569/15	Commutator Spindle N.P. G.F. Release Instrument
88/083398	254		MA 9569/12	Key Boss N.P. G.F. Release Instrument
88/092425	266			Locking Frame Nib N.P. 5 Bar 4 1/8 "x 1 3/8"
88/092581	268		MA 7491	Locking Frame Nib 2 ½" x 1 3/8"
88/092572	269		MA 7493	Locking Frame Nib 1 5/8" x 1 3/8"
88/092826	271		MA 7509	Locking Frame Nib 2" x 1 3/8"
88/092571	274		MA 7495	Locking Frame Nib 3 Bar 2" x 3/8"
88/092430	275			Locking Frame Nib 1 ¾" x 1 3/8"
88/092582	277		MA 7515	Locking Frame Nib 2 ¾" x 1 3/8"
88/092583	278			Locking Frame Nib 2 ¾" x 1 3/8"

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/092434	279			Locking Frame Nib 9
88/092435	280			Locking Frame Nib 4" x 1 3/8"
88/092436	281			Locking Frame Nib R.H. L.H
88/092585	283		MA 7503	Locking Frame Nib 9 - 4" Centre 3 Bar HT Special
88/092578	284		MA 7501	Locking Frame Nib 2 1/4" x 1 ?"
88/092576	285		MA 7519	Locking Frame Nib 3 Bar VT 2" x 1 3/8
88/092575	286			Locking Frame Nib 3 Bar VT 2" x 1 3/8
88/092584	287			Locking Frame Nib 3 Bar End V
88/092586	288			Locking Frame Nib 4 1/2"
88/092573	289			Locking Frame Nib L.H. 4" Centre 3 Bar H.T
88/092574	290			Locking Frame Nib R.H. 4" Centre 3 Bar H.T
88/092439	294	C31	MA 6073/4A	Nut Wire Adjusting
88/092440	297L			L.H. Front Plate Old Style Block Instrument
88/092442	297R			R.H. Front Plate Old Style Block Instrument
88/093060	300	T199 part	MB5920/1&2	Connection Adjusting 1" x 7/8
88/083423	301			Front G.F Control Instrument small was S491
88/083424	302			Bracket for Coil G.F Control Instrument small was S492
88/083420	303			Coil Bracket G.F Control Instrument small was S493
88/083422	304			Disc G.F Control Instrument small was S494
88/083421	305			Bridge G.F Control Instrument small was S495
88/083417	306			Bearing Plate G.F Control Instrument small was S496
88/091230 7	322	T28		Pinion Gate Wheel 1 1/2" Pitch 2" Wide
88/085096	333			Resetter Bracket Electric Lock
88/085097	334			Ring 6" Dia 4 3/4" hole 1 1/8" Deep
88/083184	334		MA 8325	Small Ring Assembly (Webb & Thompson) Staff includes sleeve also 383
88/083671	335		MA 8327	Large Rings (Webb & Thompson) Staff
88/083185	336			Small Rings (Webb & Thompson) Staff
88/083186	337			Shoe Switch Type A Base ATC
88/083187	338			Shoe Switch Type A Bracket ATC
88/083194	339			Shoe Switch Type A Lever ATC
88/083198	340			Flat Bar 7" x 1 1/8" x 1/4
88/083199	341			Round Bar 8" x 1/2
88/026637	344		MA 6488/7	Electric lock Base Mk1 Contact Plunger was S 557
88/082905	345		MD 6494/3	Electric lock Base Mk1 was S 345
88/082946	346			Eyelet for Electric Locks was 645
88/082939	347			Armature for Electric Lock similar 351
88/026500	348			Electric Lock Plunger Bracket.
88/026501	349		MA 6494/5	Electric Lock Bridge Piece
88/085098	350L			Tapper Sides Disc Instrument (Old Style Block

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
				Inst)
88/085099	351		MB 8153/3	Lever Armature Electric Lock
88/085336	352		MD 7856A	Electric Lock Base Old pattern
88/082954	353		MB 8153/3	Armature Electric Lock N.P.
88/085100	354			Gate Lamp Socket
88/091289	355	T130		Stand Gate Lamp
88/095634	356			Stop Square 1 ¼"
88/085101	357			Hinge IBS Cupboard was S 531
88/085102	358			Hinge Staple IBS Cupboard was S532
88/085103	359		MA 7838/3	Shoe Switch Lever Type A diesel Loco ATC
88/085104	363			Shoe Switch Blade Contact Box
88/085105	364			Strip 5" x 7/8" x 3/8" Cuts 4
88/094715	368			Strip 17" x 1 ½" x ½"
88/094716	369			Strip 12" x 1 5/8" x 7/8"
88/085106	370			Strip 12" x 1 ¾" x 7/8"
88/094718	371			Strip 20" x 1 7/16" x 5/8"
88/094717	373			Strip 13 3/8" x 2 1/8" x 7/8"
88/085107	375		MA 7950	Strip 7" x 1" x ¼"
88/094713	376A			Flat Bar 8" x 1 ¼" x ¼"
88/094714	376B			Flat Bar 11" x 2 1/8" x ½"
88/085108	376C			Strip 8" x 1 1/8" x 3/16"
88/094712	376D			Flat Bar 8" x 1" x ¼"
88/085109	381?			Similar to 520 ?
88/085111	382		MA 9569/52	Spring Block Occupation Instrument
88/085113	383			Sleeve Electric Train Staff (Webb & Thompson)
88/085116	385			Strip Triangle Occupation Instrument
88/085117	386			Valve Bracket
88/085118	388?			Staff Name End
88/092551	398		MB 7663	Locking Frame Nib 5 ¼" A
88/092552	400		MA 7529	Locking Frame Nib 5 ¼" C
88/092443	402			Locking Frame Nib 5 ¼" E
88/092444	403		MB 7532	Locking Frame Nib 5 ¼" F
88/092553	404		MB 7535	Locking Frame Nib 5 ¼" G
88/092554	405		MA 7527	Locking Frame Nib 5 ¼" H
88/092449	405C			Locking Frame Nib 4" VT
88/085120	408			Base Arm Gauge
88/085121	409		MA 8919	Bell Pillar (Universal Type)
62/050062	411		MB9192/3	Operating Lever Clipping Up Switch Unit ATC
88/085122	415			Locking Frame Nib RH
88/092888	418		MG 5988/1	Bolt Token Key Lock
88/092929	419A			Guide Token Key Pattern A
88/092930	419B			Guide Token Key Pattern B
88/092931	419C			Guide Token Key Pattern C
88/092932	419D			Guide Token Key Pattern D
88/098894	420			Ward Token Key Lock N.P.

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/092887	421	B42	MA 5982/15	Annetts Lock Ward Top
88/092886	422	B41	MA 5982/13	Annetts Lock Ward Bottom
88/085123	423			Washer Large Signal Arm
88/085124	424		MA 8300	Washer Small Bracket Signal Structure
	426			
88/079896	429		MA 8945	Hinge C.L. Signal Formerly 430B
88/079897	430		MA 8946	Hinge C.L. Signal Formerly 430A
88/079982	431		MA 8948	Fastener Spindle C.L. Signal
88/079919	432		5677/1	Rose Fastener C.L. Signal
88/085125	446		MB 8116	Armature Coil Bracket ATC
88/085126	447			Spring Bracket ATC
88/085127	448			Terminal Brackets Parapole ATC
88/083418	449			Plunger Ground Frame Control Instrument
88/085128	452			Case Parapole ATC
88/083426	453			Resetting Bracket G.F. Control Instrument was S501
88/085129	454			Armature Strip G.F. Control Instrument was S509
88/085130	456		MB 8086/2	Cover C patt also 541 ATC
88/085131	462		MB 8062/20	Armature Lever also MB 8086 ATC
88/085132	466			Siren Nut ATC
88/085133	468			Relay Contact Piece ATC
62/050068	470		MA 9108/11	Arm Indicating ' Not In Use' formerly S 373
62/050071	472		MB 8309 MB 9108/5	Elbow Cut out was S374 ATC
88/085134	473			Channel Strip
88/085135	476		MA 8146/5	Siren Valve ATC
88/085136	480			Cut out Valve Plunger ATC
88/085137	481		MA 5469	Ventilator Cover was S527
88/092555	485			Locking Frame Nib N.P. 5 Bar Right Hand
88/092557	487		MA 7179	Locking Frame Nib N.P. 5 Bar Back Fixed
88/092558	488		MA 7181	Locking Frame Nib N.P. 5 Bar Ordinary Fixed
88/092559	489		MA 7183A	Locking Frame Nib N.P. 5 Bar Interlocking Fixed
88/092560	490		MA 7185A	Locking Frame Nib No.1 Ordinary
88/092561	491		MA 7187	Locking Frame Nib No. 2
88/092562	492		MA 7189A	Locking Frame Nib No.3 Interlocking Ordinary
88/092563	493		MA 7191	Locking Frame Nib No. 4
88/092564	494		MA 7193	Locking Frame Nib No. 5
88/092565	495		MA 7196	Locking Frame Nib No.6 Bottom thin
88/092566	496		MA 7198	Locking Frame Nib No.7 Top Fixed Thin
88/092567	497		MA 7200	Locking Frame Nib No.8 Interlocking Conditional
88/092568	498		MA 7202	Locking Frame Nib No. 9
88/085138	501			Channel Bridge
88/085139	506	U99		Corner Diagram Frame
88/085140	507			Angle Bar 8 ¼" x 1 ½" x 1" x
88/085341	507			Angle Bar 8 ¼" x 1 ½" x 1 ¼" x 5/16

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/085341	507			Angle Bar 9" x 1 ½" x 1 ½" x ¼
88/091906	511			Cover Arm Gauge
88/091907	512			Gauge Signal Arm
88/080616	520		MA 9197	Arm Bracket Emergency release plunger
88/080618	521			Bridge Emergency Release Plunger
	521			???
	534			???
88/085141	537		MA 8086/8	Resetting handle ATC also 460
88/085338	538		MA 8086/6	Resetting Lever ATC also 463
88/085338	539		MA 8086/14	Hinge Piece ATC also 469
88/085143	540		MB 8011	Relay Box ATC also 444
88/085144	542			Relay Plate, step
88/085145	544		ME 8086/3	Case C pattern ATC also 451
88/085146	545		ME 8091	Box cut out ATC also 478
88/085147	546		MH 8098	Bush cut out ATC also 479
88/085148	547		MA 8056	Bell Plate Strip ATC also 471
88/085149	548		MB 8052	Bell Case ATC also 450
88/085150	549		MB 8054	Bell Case Cover ATC also 455
88/085151	550		MA 8029	Pivot plate ATC also 786
88/085153	551		MA 8102	Coil Ends S.P.L Bottom ATC also 445
88/085155	552		MB 8146/3	Body Siren Cab App. ATC
88/085156	558			Bush Roller Switch (Block Switch)
88/085157	567			Relay base, lamp
88/085159	617A			Bracket Electric Lock
88/085160	622			Cover Sliding Contact
88/085161	624	G		Clip for Signal Secs
88/085163	634			Lamp Ear
88/093802	672			Holder Detonator Placer Single and 3 Shot
88/085164	673			Bar Handle Medium Switch (Block Switch)
88/093796	674		MB 7160	Detonator Holder for Placer also numbered 672-88/093802
88/085339	687			Lamp Hinge Top
88/094758	688			Lamp Hinge Bottom
88/085165	699			Bracket Key Tapper - Strip
88/085167	702			Label Lever No. 3
88/085168	705			Label Lever No. 6
88/085169	706			Label Lever No. 7
88/085170	709			Label Lever No. 10
88/085171	710			Label Lever No. 11
88/085173	713			Label Lever No. 14
88/085174	714			Label Lever No. 15
88/085175	715			Label Lever No. 16
88/085177	728			Label Lever Large Oval Flange
88/085178	748			Nut Fork large
	749			

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/085179	750			Nut Bell Stand
88/085180	752			Nut Bell Cap
88/085181	787		MA 5578	Pivot Plate Relay Small ATC
88/085182	788		MA 5578	Pivot Plate Relay Small Double contact ATC
88/085184	789			Plate AC Relay
88/085185	790			Switch Base also Tapper Block Bell Coil Base
88/085186	792			Relay Plate Selective
86/077760	810			Lamp Ring 9"
88/085187	819			Screws Bell Stand
88/085188	820			Screws Case Small
88/085189	821			Base Polarised Relay was S475
88/085190	825			Screws Fork Large
88/085191	833			Channel Strip
88/023393	839			Strip Handle Lug
88/023395	879			Wedges for Lamps Strip 12" x 1 3/4
88/085192	884			Knobs Indicator
88/085193	885			Trip Indicator Repeater
S series mainly Non Ferrous				
	S2			???
88/085194	S29			Blade Guide
88/085195	S30			Bearing Bracket
88/085196	S45			Bush Control
88/085197	S59			See 385
88/085198	S74			Front Plate Roller Switch (Block Switch in-out)
88/085199	S77			See 382
	S91 -98			
88/085201	S110			Dowel Strip
88/085202	S115			Sleeve Nut
88/085203	S116			Lock Nut
88/085204	S140			Plates Cam ?
88/085205	S193			Ring 1 1/8"
88/085207	S197	H48		Lamp Bezels (Small Lens as in ground disc lamp)
88/085208	S200			Relay Base
88/085209	S201			Relay Sides
88/085210	S202			Channel Strip
88/085211	S226			Valve Spindle see 226 ATC
62/050072	S 229		MD 5824/6 MA 9108/21	Valve Guide ATC
88/085212	S268			Ring 3/4"
88/085213	S273	G78		Large "O" Siding Signal Arm
88/085214	S274			See 56
88/085219	S308			Base Plate Bristol Type Block Instrument
88/085220	S310			Back Plate Bristol Type Block Instrument

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/085221	S311			Bridge Bristol Type Block Instrument
88/085223	S312			Locking Disc Bristol Type Block Instrument
88/085224	S313			Quadrant Bracket Bristol Type Block Instrument
88/085225	S314			Resetting Lever ATC
88/085226	S315			Bearing Bush ATC
88/085227	S316			Handle Bush ATC
88/085228	S317			Round Bar 2 1/8" dia x 9"
88/085229	S320			Knuckle joint Tappet
88/085230	S343			Connection Box ATC
88/085231	S345			Resetting Lever ATC
88/085232	S349			Disc (Not in use) ATC
88/085233	S350			Plate (close only when atc out of order) ATC
88/085234	S366A			Bracket A L type ATC
88/085235	S366B			Bracket B R type ATC
88/085236	S371		MD 8484 MD 9108/3	Cut-out valve body ATC
62/050070	S372		MB 8482 MB 9108/7	Cut-out Switch Box ATC
	S373		MA 8310	See 470
88/085237	S388			Nameplate with Lug L.N.W.R pattern E.T.S
	S389			See 236
	S390			See 237
	S391			See 238
	S392			See 239
88/085238	S393			Bar Round 2 1/2"x 7"
88/085239	S397			?
88/085239	S398			Case Point Indicator
88/085240	S399			Back Plate Point Indicator
88/085241	S400			Front Plate Point Indicator
88/085242	S401			Base Plate Point Indicator
88/085243	S402			Locking Nib B
88/085244	S409			Token End for use on one engine in steam Staffs etc
	S416			See 235
88/085245	S417			Strip 8" x 1 1/2" x 1/4"
	S418			See 398
88/085246	S419			Locking Nib B see also S402
	S421			See 400
88/085247	S424			Detector Gauge Drop Piece
88/085248	S425			Handle Roller Switch
88/085249	S426			Bush
	S426			??? Different part duplicate number
88/085250	S428			Locking nib I
	S431			???
88/085251	S432			Switch Lever
88/085252	S433			Tapper Key

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
88/085253	S434			Side Piece
88/085255	S435			Armature Lever
88/085256	S436			Angle Strip (contacts)
88/085257	S437			Ring
88/085258	S439			Receiver Hook (telephone rest hook)
88/085259	S443			Re-setter Valve ATC
88/085261	S447		MA 8966	Ring
88/085262	S450			Pivot Plate Large
88/085263	S451			Transit Contact Bridge
88/085264	S452			Transit Contact Cover
88/085265	S453			Transit Contact Cover
88/085266	S454			Sender Magnet Case
88/085267	S455			Sender Magnet Bridge
88/085268	S458			Shutter
88/085269	S459			Forked Bend
88/085270	S460			Plates for Forked Bend
88/085271	S461			Carrier Sending Cap
88/085272	S476			Switch Slides ATC
88/085273	S478			Contact Makers ATC
88/085274	S479			Contact Holders ATC
88/085275	S482			Lever Receiver Tunnel Telephone
88/085276	S483			Hooks Tunnel Telephone
88/085277	S484			Connection Strip 3 Tunnel Telephone
88/085278	S485			Connection Strip 2 Tunnel Telephone
88/085279	S486			Connection Strip 8 Tunnel Telephone
88/085280	S487			Connection Strip Tunnel Telephone
88/085282	S488			Connection Strip 4 Tunnel Telephone
88/085283	S489			Connection Strip 3 Tunnel Telephone
88/085284	S490			Cup Siren Spinner ATC
88/085285	S497			Tapper Tapper Bell
88/085286	S498			Loop Hand Com
88/085289	S503			Case Relay ATC
88/085290	S504			Table Relay (Base)
88/085293	S505			Point motor cover
	S506			See 8
88/085294	S507			Bush
88/085295	S508			Washer
88/085296	S518			Supporting Bracket Left Hand
88/085297	S518			Supporting Bracket Right Hand
88/085298	S519			Motor Inspection Cover Large
88/085299	S524			Motor Inspection Cover Small
88/085300	S526			Block 7" x 6 1/2" x 3 1/4"
88/085302	S529			Escapement Crank (point motor ?)
88/085303	S530			Cap?
88/085304	S533			There are 6 Nibs 533 to 538 we have 5 of the 6 but

PADS / N.R.S	GWR No.	1908 No.	Drawing No.	Description
				only two are numbered
88/085305	S535			Locking Frame Nib
88/085306	S538			Locking Frame Nib
88/085307	S541			Rail Connection Base
88/085308	S555			Channel Strip
88/085309	S557			See 344
88/085310	S558			Fulcrum Bearing
88/085311	S559			Frame
88/085312	S560			Frame
88/085313	S561			Wing Nut/ Wing Bolt
88/085314	S562			Siren Air Vent ATC
	S563			??
88/085314	S564		MA 8783	Nut for Four cutter Machine
88/085315	S567			P.B. Bearing with wings 1 half plain
88/085316	X9			Strip

BLOCK BELLS

				We do not guarantee the sound of these bells as they are not necessarily cast in the correct alloy
88/085317	262/16			Church 4½"
88/085319	262/19			Flat 5"
88/085321	262/26			Round
88/085322	262/29			Sheep
	?			Omnibus Telephone

PADS/ N.R.S.	LMS No.	Drawing No.	Description
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LMS PARTS

			Pipe Rail Standard, similar to GWR U83
88/085323		MD 37295/1	Base Economical facing point lock
88/085324		MD 37295/3,4	Link Economical facing point lock
88/085325		MD 37295/5	Link Economical facing point lock
88/085326		MD 37295/	Link Economical facing point lock
88/085327		MD 336	Spectacle Plate
88/085328		MD 35148	Back Blinder
			For LMS Block Instruments see BR Standard items below

PADS/ N.R.S.	LNER No.	Drawing No.	Description
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BR N.E.R. PARTS

We have recently purchased about 80 original LNER casting patterns, which include Great Central and GNR equipment. They are parts principally for Saxby and Farmer and Railway Signal Company Frames and as such will be applicable to other users. The descriptions are currently provisional, and only a few are listed below.

88/085329	Reading pattern	49YS540*c	Fixture Tubular Signal
88/085330	Reading pattern	50YS62*c	Ground Disc part of assembly to YS383004
86/068852	Reading pattern	BRS-SM 452/5	Lever Clip Box Ground Frame A31395
			Three lever Locking Tray RSC/BTC GF B22720
			Plate 'R' Points Reversed
			Plate 'N' Points Normal
	B95		Locking Nib
	D366	SX262	Lever Casting
	D367	SX263	Lever Casting
	D67	SX105	Quadrant Locking Frame Saxby & Farmer Rocker
	D68	SX106	Quadrant Locking Frame Saxby & Farmer Rocker
	D88	SX111	Link S&F Rocker Frame Locking – Grid Iron
	D94		Drop Box - Railway Signal Co
	D96	SX109	Lever Slide
	L320	11	Rocker S&F Rocker Frame Locking – Grid Iron
	L40	SX267	Lever Casting
	L66		Catch Handle

PADS / N.R.S	BR(W) No.	Drawing No.	Description
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BR STANDARD PARTS

88/074589	E60	BRS-SM101.A	Box Detector New Pattern
86/087653	*	BRS-SM	Signal wire pulley- galvanised

		103/12	Minimum Order Quantity will apply
86/087910	*	BRS-SM 103/4	Signal wire pulley- block 4 way galvanised - no pulleys Minimum Order Quantity will apply
88/093540	D30	BRS-SM 107	Pulley Wheel 10" BR Pattern
88/085333	D35	BRS-SM 108.A	Guides Vertical Wheels and Frames
88/085335	D28	BRS-SM 110	Pulley Wheel 10" Lightweight
86/064700	*	BRS-SM 202/1	Frame for Point Roller Minimum Order Quantity may apply
86/064710	*	BRS-SM 202/2	Roller Minimum Order Quantity may apply
86/064720	*	BRS-SM 202/3	Ferrule Minimum Order Quantity may apply
88/093576	K20	BRS-SM 204	Crank Base Low
88/093578	L20	BRS-SM 205	Compensator Base
88/093605	K43	BRS-SM 216	Cap Centre Pin Crank & Compensator
88/093002	P100	BRS-SM 303	F.P.L Plunger Base
88/093013	P101	BRS-SM 303	F.P.L Detector Slide
88/093005	P102	BRS-SM 303	F.P.L Slide Cover
88/093008	P103	BRS-SM 303	F.P.L Plunger Cover
86/075352		BRS-SM 315/	Plunger for Mk II F.P.L fabrication
86/075351	P160	BRS-SM 315/1	F.P.L Plunger Base Mk II
86/075151	P161	BRS-SM 315/2	F.P.L Detector Slide Mk II
86/075355	P162	BRS-SM 315/4	Cover For Mk II see Aluminium Section Cover
86/068852	X115	BRS-SM 452/5	Lever Clip Box Ground Frame
		BRS-SM 452/3	Catch Handle
		BRS-SM 452/7	Bracket for Description Plate
		TD57024	Unit 1 & 1A Standard Block Instrument
		TD57043	Bridge Piece Standard Block Instrument
		TD57055	Armature Carrier Standard Block Instrument
		TD57100	Bracket Pivot Standard Block Instrument
		TD57181	Main Unit Standard Block Instrument
		TD57187	Pendulum Standard Block Instrument
		TD57190	Locating Arm Standard Block Instrument
		TD57206	Locating Quadrant Block Instrument Std Block Inst
		TD57206	Locating Quadrants for units 3 & 7 Std Block Inst