

**George the Fifth<sup>1</sup> Drawings on Trust Repository**

<b>Number<sup>2</sup></b>	<b>Title</b>	<b>Applies to</b>	<b>Remarks</b>
D LOCO 465	General Arrangement	George	LNWRS drawing. The same un-numbered drawing exists in several other places.
00422	George the Fifth Weight Diagram	George	
00426	George the Fifth Diagram	George	
13491	Crank Webs	Use Item 1A – reduced OD	
15755	Reversing Shaft	Many classes	
15814	Ashpan & Grate	George	
15823	Cab Windows	Standard	
16125	Lifeguards	Many Classes	
18117	Slide Bars & Piston Rod		
18125	Steam Chest Covers	George	
18136	Valve Rods & Rocking Lever	George	
19147	Reversing Shaft Brake	George	
19147A	Reversing Shaft Brake Details	George	
19987	Reverser Index Plate	George	
19991	Arrgt of doors between Engine & Tender	1916 drg	
20111	Bogie Axleboxes, Stays, Horns etc	Standard	
4177	Axlebox for Cr. Bearing of Crank Axle	1920 drg	
630	Annealing of rods	Requires all Con & Coupling Rods to be annealed every 5 years	
12570	Details of links etc for Bogie	Standard	
12598	Bogie Spring	Our copy is dated 1898 but notes on the bogie GA may be sufficient	
13441	Trailing Axlebox	George	
16598	Chimney	Standard	
16595	Driving Wheel	Normal boss	
15701	Trailing Hornblock	First 10 Precursors only	
15709	Motion Plate Cr. Frame & Stays	George	
15717	Footplate corner & step castings	George & others	

<sup>1</sup> Also some Precursor and other drawings that may be of use. This is not a full list of drawings on the Repository.

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15723	Driving Hornblock	Precursors built to June 1908	
15737	Motion Details – Anchor, Jack & Lifting Links	George & others	
15738	Piston Rod & Slide Bars		
15739	Castings Bogie cr. Pivot etc	Precursor. Some may apply to George	
15754	Connecting Rod	George	
15756	Regulator & standpipe	Standard	
15759	Frame Plates	Precursor	
15797	Reversing Gear	Precursor. Possibly no applicable items	
15810	Water Gauge	Standard	
15813	Boiler Mountings	Standard	
15822	Buffers	George	
15825	George Carraige Heating	George	
15836	Coupling Rod	Precursor & George	
15982	Trailing Hornblock	Precursor	
15983	Trailing hornblock details	Precursor	
15988	Bogie Castings	Precursor & George	
16050	Couplings	Standard	
16146	Smokebox doors	Standard	
16518	Smokebox Details	In two files	
16807	Trailing sandboxes	Precursor	
16812	Bogie Castings	George & others	
16832	Bogie GA	George	
17245	Diagram of glass	Standard	
17577	Driving Hornblocks	George	
17985	Cylinders 20" by 26"	George	
18075	Frame Plates	George	
18076	Boiler	George, roundtop firebox	
18077	Reverser Shaft etc	George	
18078	Blast Pipe	George & others	

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18116	Covering Plates	George	
18117	Piston Rod & Slidebars	George	
18124	Steel Castings – bogie pivot etc	George & others	
18125	Steam chest covers	George	
18126	Rocking Lever bracket	George	
18163	Steam Pipes	George	
18174	Smokebox details	George	
18176	Handrails	George & Queen Mary	
18251	Valves & Liners	Superheated Precursor	
18266	Driving Wheels	Large boss	
18359	Variable blast pipe	Used to determine size for Class	
18367	Asbestos cylinder lagging	All classes	
18370	Bracket for variable blast pipe gear	Used to determine size for Class	
18387	GA of variable blast pipe	Used to determine size for Class	
18601	New Lubricators for con & coupling rods	George July 1911	Suggests improvement needed. Refers to drgs 17093 & 17152
18817	Superheater header	George	
18903	Roller bearing big end	Experiment	May be of use. June 1912. Never used?
18975	Splasher	George with sandbox on splasher	Dated October 1912. Refers to drg. 18199 for earlier splasher
19207	Reversing lever positions	George with reduced valve travel	June 1913.
19215	Table of con. rods	General	
19562	Strengthened Valves	George.	August 1914. Retains trick ports. Along with reduced travel, suggests problems with wear & tear – also less need for high performance in war conditions & with Claughtons for heaviest duties.
20244	Diagram of Joys motion - indirect	Illustrative	

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21071	Smokebox baffle – oil firing		
21380	GA of cylinder lubrication	George & Su Precursor	Oct 1922. Response to Cheadle Hulme?
21467	Piston Valve – Horwich Type	5 locos of each of Prince, George & G1/G2 classes	Further suggestion of problems
21678	Con Rod Lubrication	A Div'n 4-6-0 & 4-6-2 locos.	1923. Not directly relevant but suggestive of lubrication & wear problems
21771	Jack Link	A Div'n 4-6-0 & 4-6-2 locos.	1923. Not directly relevant but suggestive of lubrication & wear problems
21904	Cab Upper (Belpaire		
26739	Smokebox doors	1930. Improvements for several LNWR classes	
28674	Multi-ring piston valves	1931?	Several Classes. 4 narrow rings per head but retaining large dia. tube between heads restricting steam chest volume. Note implies Horwich valves still in use.
9675	Dome	Standard for many classes	
19206	Alterations to motion for reduced valve travel	June 1913	Intended to reduce wear & tear?
E23 00485	Steam Heat Pipes	Several classes	Also marked E23. Earlestown?
PC 20487	Brake Hanger Stud	George	
Un-numbered	Ramsbottom Safety Valve	Standard	
Un-numbered	Sections though cab, cylinders and driving axles	George	
Un-numbered	3000 gallon tender elevations		
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