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# Alvis Parts Specification Lists

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List No.: **E179**

Component: **Chassis**

Type: **FA & FB 12/50**

Component: Chassis

Type : FA & FB 12/50

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Drawing No.	Description	No.	Material	Specification	Remarks
N7000	Chassis - Short Frame	1			Includes the following parts supplied complete by Frame makers:-
N7001	Chassis - long frame	1			Includes the following parts supplied complete by Frame makers:-
	Side Member O.S. (short chassis)	1	Car. Frame Sheet	Pressing 1/8" thick	
	Side Member O.S. (long chassis)	1	Car. Frame Sheet	Pressing 1/8" thick	
	Side Member N.S. (short chassis)	1	Car. Frame Sheet	Pressing 1/8" thick	
	Side Member N.S. (long chassis)	1	Car. Frame Sheet	Pressing 1/8" thick	
	Front Cross Member	1	Car. Frame Sheet	Pressing 1/8" thick	
	Second Cross Member	1	Car. Frame Sheet	Pressing 1/8" thick	
	Third Cross Member	1	Car. Frame Sheet	Pressing 1/8" thick	
	Rivet for Third Cross Member	8			
	Fourth Cross Member	1	Car. Frame Sheet	Pressing 1/8" thick	
	Rivet for Fourth Cross Member	24			
N6619	Tubular Cross Member	1	Mild Tube Hard	Tube 3" o/dia x 10 S.W.G. x 37½" long	
N6620	Flange for Tubular Member	2	Mild Steel	Pressing	
	Front Bracket O.S.	1	Car. Frame Sheet	Pressing 1/8" thick	
	Front Bracket N.S.	1	Car. Frame Sheet	Pressing 1/8" thick	
N6615	Dist. Tube for Front Member	4	Mild Tube Hard	Tube 5/8" o/dia x 11 S.W.G. x 8" long	

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Drawing No.	Description	No.	Material	Specification		Remarks
N6616	Stud for Front Member	4	Med. Car. Steel	Bar	3/8" dia. x 9 3/8" long	B.O.
1 - 3/8"	Nut for above Stud	8				
3/8" dia.	Spring Washer	4				
N7107	Packing Strip for Front Member	2	Mild Sheet	Pressing	1/4" thick	B.O.
9 - 5/16" - 5/8"	C/sk. Screw for Front Member	12				
4 - 5/16" - 3/4"	Bolt for Front Brackets & Second Cross Member	20				
1 - 5/16"	Nut for above Bolt	20				
5/16" dia	Spring Washer	20				

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<b>Drawing No.</b>	<b>Description</b>	<b>No.</b>	<b>Material</b>	<b>Specification</b>		<b>Remarks</b>
N7096	Footboard	1	Aluminium	Casting	Patt. No. 7096	
4 - 5/16" - 7/8"	Bolt for Footboard to Frame	2				
4 - 5/16" - 1"	Bolt for Footboard to Frame	4				
1 - 5/16"	Nut for above Bolt	6				
5/16" dia	Spring Washer	6				
N6785	Steering Box - bottom half	1	Aluminium	Casting	Patt. No. N6785	
6 - 5/16" - 1"	Set Screw for bottom half	6				
5/16" dia	Spring Washer	6				
N6784	Steering Box - top half	1	Aluminium	Casting	Patt. No. 6784	
5* - 5/16" - 5/8"	Stud for top to bottom half	6				
1 - 5/16"	Nut for above Stud	6				
5/16" dia	Spring Washer	6				
	Plug for Steering Box	1	Drawn Brass		Roth. No. 8 1" Gas	B.O.
N5056	Joint Washer for Plug	1	Hard Red Fibre	Pressing	1/16" thick	B.O.
N2864	Split Ring for Steering Box	1	Bright Bolt Steel	Bar	1" dia x 1/2" long	

Drawing No.	Description	No.	Material	Specification	Remarks
N2865	Clip for bott. of Steering Box	1	Mild Steel	Stamp. No. N2865	
5 - 1/4" - 7/8"	Stud for Clip	2			
1 - 1/4"	Nut for above Stud	2			
1/4" dia	Spring Washer	2			
N6756	Spiral Gear for Steering (Driver)	1	Man. C.H. Steel	Bar 2 1/8" dia x 3 3/4" long	B.O. David Brown & Sons (Hfd.) Ltd. drawing number 8/A481 dated 6 Feb 1928 is the manufacturer's drawing for this item.
N6757	Spiral Gear for Steering (Driven)	1	Man. C.H. Steel	Bar 4 1/4" dia x 1 3/8" long	B.O.
N6783	Steering Tube	1	Mild Tube Hard	Tube 1 1/16" o/dia x 7 S.W.G. x 38" long	Allowance has been made here in order to lengthen if necessary
	Key for Driving Gear	1	Key Steel	1/4" x 3/16" x 3 5/8" long	
	Timken Bearing	2		1986r/1930	B.O. [Note by transcriber: " r " could be " v " in Spec. dims.]
N4640	Stationary Tube Flange	1	Phos. Bronze	Casting Patt. No. 4640	
5 - 5/16" - 3/4"	Stud for above Flange	4			
1 - 5/16"	Nut for above Stud	4			
5/16" dia	Spring Washer	4			
4 - 5/16" - 1 5/8"	Clamp Bolt for Flange	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			

Drawing No.	Description	No.	Material	Specification	Remarks	
N4656	Shim for Stat. Tube Flange	3	Brass Sheet	Pressing	0.006" thick	B.O.
	Plug for Flange	1	Brass		Roth. No.1 1/8" gas	B.O.
N7114	Steering Column Tube	1	Mild Tube Hard	Tube	1 1/2" o/dia x 16 S.W.G. x 26 5/8" long	
N2806	Bush for Steering Column Tube	1	Aluminium	Casting	Patt. No. 2806	
N7115	Sector Tube	1	Mild Tube Hard	Tube	5/8" o/dia x 24 S.W.G. x 37 3/8" long	
N7116	Throttle Tube	1	Mild Tube Hard	Tube	1/2" o/dia x 24 S.W.G. x 38 7/8" long	
N7117	Ignition Tube	1	Mild Tube Hard	Tube	3/8" o/dia x 24 S.W.G. x 39 3/4" long	
	Steering Wheel	1			17" dia Spring Spoke "Rene Thomas"	B.O.
	Key for Steering Wheel	1	Key Steel		1/4" x 3/16" x 1 15/16" long	
4 - 5/16" - 2"	Clamp Bolt for Steering Wheel	1				
1 - 5/16"	Nut for above Bolt	1				
5/16" dia	Spring Washer	1				
N2803	Sector Box	1	Brass	Stamp.	No. N2803	
N2804	Sector Box Cover	1	Brass Sheet	Pressing	10 S.W.G.	B.O.
	Screw for Cover	4			2BA x 1/2" long C/sk Plated Raised Head	
N2810	Spring for Sector Box	1	Car. Coil Spring			B.O.
N2931	Parting Washer for Sector Box	1	Brass Sheet	Pressing	25 S.W.G.	B.O.

Drawing No.	Description	No.	Material	Specification		Remarks
N2807	Ignition Lever	1	Brass	Stamp.	No. N2807	
N2808	Throttle Lever	1	Brass	Stamp.	No. N2808	
N1674	Knob for Control Levers	2	Vulcanite			B.O.
	Grub Screw for Control Levers	2			3/16" Whit x 3/4" long	
3/16" dia	Spring Washer	2				
N6788	Bush for Steering Box	1	Phos. Bronze	Casting	Patt. No. N6788	Later note: 6790/6791
N6789	Vertical Steering Shaft - top	1	Nic Chrome Bar	Bar	1 5/8" dia x 5 1/4" long	
	Key for Driven Gear	1	Key Steel		1/4" x 1/4" x 15/16" long	
28 - 36	Plain Washer 3/4" dia	1			1 1/2" dia x 3/32" thick	
N1305	Nut for above Shaft	1	Bright Bolt Steel			B.O.
1/8" dia	Split Pin	1	Steel		1/8" dia x 1 1/2" long	
N6787	End Pad for Vert. Steering Shaft	1	Man C.H. Steel	Bar	5/8" dia x 3/4" long	
N6786	Adj Screw for Steering Box	1	Man C.H. Steel	Bar	1/2" dia x 1 3/8" long	
	Lock Nut for Adj Screw	1			1/2" B.S.F. x 4 m/m thick	
N6791	Vertical Steering Shaft - centre	1	Poldi Boz	Bar	1 5/8" dia x 4 11/16" long	
N6790	Splined Sleeve for Vertical Shaft	2	Poldi Boz	Bar	2" dia x 1 7/16" long	
	Taper Pin for Splined Sleeve	2	Steel		No. 4 x 2" long	

Drawing No.	Description	No.	Material	Specification	Remarks
N6793	Vertical Steering Shaft - O.S. bott.	1	Nic Chrome Bar	Bar	1 5/8" dia x 14 1/2" long
N6792	Vertical Steering Shaft - N.S. bott	1	Nic Chrome Bar	Bar	1 1/2" dia x 14 1/8" long
N6794	Outside Tube for Vertical Steering Shaft	2	Mild Tube Hard	Tube	1 1/2" o/dia x 20 S.W.G. x 10 3/8" long
N6812	B'kt for Vert. Steering Tube O.S. top	1	Cast Steel	Casting	Patt. No. N6812
N6813	B'kt for Vert. Steering Tube N.S. top	1	Cast Steel	Casting	Patt No. N6812
N6997	B'kt for Vert. Steering Tube Bottom	2	Cast Steel	Casting	Patt. No. N6997
4 - 5/16" - 3/4"	Bolt for above Brackets	12			4 of these replaced by longer bolts 18/7/28. See next item.
4 - 5/16" - 7/8"	Bolt for above Brackets	4			Replacing 4 of the 12 shorter bolts in the preceding item. Change made 18/7/28.
1 - 5/16"	Nut for above Bolt	12			
5/16" dia	Spring Washer	12			
N6798	Bearing for Vertical Steering Tube - top	2	Cast Iron	Casting	Patt. No. N6798
N6799	Bearing for Vertical Steering Tube - bott.	2	Cast Iron	Casting	Patt. No. N6798
N6818	Steering Bell Crank Lever, O.S.	1	45 Ton Alloy Stamp	Stamp.	No. N6818
N6819	Steering Bell Crank Lever N.S.	1	45 Ton Alloy Stamp	Stamp.	No. N6818
	Key for above Levers	2	Key Steel		1/4" x 1/4" x 15/16" long
28-36	Plain Washer 3/4" dia	2			1 1/2" dia x 3/32" thick
N1305	Nut for Bell Crank Lever	2	Bright Bolt Steel		B.O. See also Rear Axle Spec. & page 6 of Chassis
1/8" dia	Split Pin	2	Steel		1/8" dia x 1 1/2" long



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Drawing No.	Description	No.	Material	Specification	Remarks	
N6820	Oil Cap for Bell Crank Lever	2	Aluminium	Casting	Patt. No. N6820	
9 - 1/4" - 1/2"	C/sk. Screw for Oil Cap	2				
N6821	Bush for Bell Crank Lever	2	Phos. Bronze	Cast Bar	1" dia x 1 3/4" long	
N6796	Fork End for Track Rod	2	Med. Car. Steel	Stamp.	No. N6796	
4 - 5/16" - 1 1/4"	Clamp Bolt for Fork End	2				
1 - 5/16"	Nut for above Bolt	2				
5/16" dia	Spring Washer	2				
N6797	Pin for Track Rod Fork	2	Man C.H. Steel	Bar	1 1/4" dia x 3 1/8" long	Word "Man" added to Material on 10/5/28
28-27	Plain Washer 1/2" dia	2			1 1/8" dia x 3/32" thick	
2 - 1/2"	Nut for above Pin	2				
3/32" dia	Split Pin	2	Steel		3/32" dia x 1 1/8" long	
N6822	Track Rod	1	Med. Car. Tube Hard	Tube	1 1/8" o/dia x 12 S.W.G. x 16 3/8" long	
N6829	Ball for Steering Joint	4	Nic Chrome Bar	Bar	1 1/8" dia x 2 3/4" long	
28-26	Plain Washer 1/2" dia	4			1 1/8" dia x 1/16" thick	
2 - 1/2"	Nut for above Ball	4				
3/32" dia	Split Pin	4	Steel		3/32" dia x 1 1/8" long	

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<b>Drawing No.</b>	<b>Description</b>	<b>No.</b>	<b>Material</b>	<b>Specification</b>		<b>Remarks</b>
N6795	Side Steering Tube	2	Med. Car. Tube Hard	Special Tube	12 S.W.G.	
N6828	Bearing for Ball Joint	8	Lignum Vitae		1" dia x 3/4" long	
N6827	Inner Socket for Bearing	4	Bright Bolt Steel	Bar	1 1/8" dia x 3/4" long	
N6826	Outer Socket for Bearing	4	Bright Bolt Steel	Bar	1 1/8" dia x 1 3/8" long	
N6913	Spring for Ball Joint	4	Car. Coil Spring			B.O.
N6823	Cap for Ball Joint	4	Bright Bolt Steel	Hex Bar	1.662"/1.670" x 1 7/8" long	
N6824	Tab Washer for Ball Joint	4	Mild Sheet	Pressing	16 S.W.G.	B.O.
1 - 5/16"	Nut for Ball Joint Cap	4				
5/16" dia	Spring Washer	4				
N6976	Buffer for Vert. Steering Shaft	2	Hard Rubber	Moulding		B.O. This part added to list on 13/7/28

Drawing No.	Description	No.	Material	Specification	Remarks
N6853	Brake Pedal Shaft	1	Mild Tube Hard	Tube 1 1/2" o/dia x 11 S.W.G. x 32" long	
N6864	Spherical Carrier for above	2	Brass	Stamp. No. N6864	
N6990	Packing Block for Spherical Carrier O.S.	1	Aluminium	Casting Patt. No. N6990	
N6989	Packing Block for Spherical Carrier N.S.	1	Aluminium	Casting Patt. No. N6989	
4 - 5/16" - 1"	Bolt for Packing Block	4			
4 - 5/16" - 7/8"	Bolt for Packing Block & Carrier	4			
1 - 5/16"	Nut for above Bolts	8			
5/16" dia	Spring Washer	8			
N6858	Split Grip for Pedal Shaft	2	Phosphor Bronze	Casting Patt. No. N6858	
N6859	Screw for Split Grip	2	Bright Bolt Steel	Hex Bar .520/.525" x 2 1/8" long	
N6865	Spring for Pedal Shaft	1	Car. Coil Spring		B.O.
N6850	Foot Brake Pedal Lever	1	Med. Car. Steel	Stamp. No. N6850	
N6856	Front Brake Lever on Ped. Shaft	1	Med. Car. Steel	Stamp. No. N6856	Cancelled by N7233 4/6/28
	Key for above Lever	1	Key Steel	1/4" x 1/4" x 1" long	
4 - 5/16" - 1 3/4"	Clamp Bolt for above Lever	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			

Drawing No.	Description	No.	Material	Specification	Remarks
N6854	Rear Brake Lever on Ped. Shaft O.S.	1	Med. Car. Steel	Stamp. No. N6854	Cancelled by N7232 4/6/28
N6855	Rear Brake Lever on Ped. Shaft N.S.	1	Med. Car. Steel	Stamp. No. N6855	Cancelled by N7232 4/6/28
	Key for above Levers	2	Key Steel	1/4" x 1/4" x 1" long	
4 - 5/16" - 1 3/4"	Clamp Bolt for above Levers	2			
1 - 5/16"	Nut for above Bolt	2			
5/16" dia	Spring Washer	2			
	Key for Foot Brake Pedal Lever	1	Key Steel	1/4" x 1/4" x 1" long	
4 - 5/16" - 1 3/4"	Clamp Bolt for Brake Ped. Lever	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			
N6860	Clutch Pedal Shaft	1	Mild Tube Hard	Tube 1 7/8" o/dia x 6 S.W.G. x 3 3/8" long	
N6851	Clutch Pedal Lever	1	Med. Car. Steel	Stamp. No. N6851	
	Key for Clutch Pedal Lever	1	Key Steel	1/4" x 1/4" x 15/16" long	
4 - 5/16" - 2"	Clamp Bolt for above Lever	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			

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Drawing No.	Description	No.	Material	Specification	Remarks
N6861	Clutch Oper. Lever on Ped. Shaft	1	Med. Car. Steel	Stamp. No. N6861	
	Key for Clutch Oper. Lever	1	Key Steel	1/4" x 1/4" x 15/16" long	
4 - 5/16" - 2"	Clamp Bolt for above Lever	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			
N6866	Spacing Washer for Accelerator Pedal Lever	1	Man. C.H. Steel	Bar 2" dia x 1/4" long	
N6852	Accelerator Pedal Lever	1	Med. Car. Steel	Stamp. No. N6852	
N5673	Clutch & Foot Brake Pedal Plate	2	Med. Car. Steel	Stamp. No. N5673	
N5670	Accelerator Pedal Plate	1	Med. Car. Steel	Stamp. No. N5670	
4 - 5/16" - 1"	Bolt for Pedal Plates	3			
1 - 5/16"	Nut for above Bolt	3			
5/16" dia	Spring Washer	3			
N6845	Rocking Tube for Throttle Levers	1	Mild Tube Soft	Tube 1/2" o/dia x 16 S.W.G. x 15 1/8" long	
N6846	Throttle Lever	1	Med. Car. Steel	Stamp. No. N5665	
4 - 2 B.A. - 1"	Clamp Bolt for above Lever	1			
1 - 2 B.A.	Nut for above Bolt	1			
3/16" dia	Spring Washer	1			

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Drawing No.	Description	No.	Material	Specification		Remarks
N1819	Spring for Throttle Lever	1	Car. Coil Spring			B.O. Cancelled by N1263 12/7/28
N6844	Hand Throttle Lever	1	Med. Car Steel	Stamp.	No. N6844	Amended to Gun Metal, Casting, Patt. No. N6844 27/6/28
N6843	Outside Throttle Lever	1	Med. Car. Steel	Stamp.	No. N6843	
4 - 2 B.A. - 1"	Clamp Bolt for above Lever	1				
1 - 2 B.A.	Nut for above Bolt	1				
3/16" dia	Spring Washer	1				
	Accelerator Control Rod	1	Bright Bolt Steel	Bar	3/16" dia x [blank] long	
N3856	Fork End for Accel. Rod	2			2 B.A.	B.O.
21 - 2	Fork Joint Pin 3/16" dia	2				B.O.
1/16" dia	Split Pin	2	Steel		1/16" dia x 3/4" long	
1 - 2 B.A.	Lock Nut for Fork End	2				
N2139	Throttle Lever on Steer. Column	1	Mild Steel	Stamp.	No. N1756	
4 - 2 B.A. - 7/8"	Clamp Bolt for above Lever	1				
1 - 2 B.A.	Nut for above Bolt	1				
3/16" dia	Spring Washer	1				
N1263	Spring for Throttle Lever	1	Car. Coil Spring			B.O. Use Stock in Spares Stores. [This part added 12/7/28 - not on original list].

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Drawing No.	Description	No.	Material	Specification		Remarks
	Ball Joint for Throttle Levers	2		2 B.A. x 2 B.A.	B.O.	
1 - 2 B.A.	Lock Nut for Ball Joint	2				
3/16" dia	Spring Washer	2				
N7118	Adj. Rod between Ball Joints	1	Bright Bolt Steel	Bar	3/16" dia x 7 1/4" long	
	Support for Petrol Tank N.S.	1	Aluminium	Casting		Transferred to Petrol Tank Specifications 28/6/28
	Support for Petrol Tank O.S.	1	Aluminium	Casting		Transferred to Petrol Tank Specifications 28/6/28
4 - 5/16" - 1"	Bolt for Supports to Footboard	8				Transferred to Petrol Tank Specifications 28/6/28
1 - 5/16"	Nut for above Bolt	8				Transferred to Petrol Tank Specifications 28/6/28
5/16" dia	Spring Washer	8				Transferred to Petrol Tank Specifications 28/6/28
N7086	Petrol Tank	1	Lead-coated sheet		B.O.	Transferred to Petrol Tank Specifications 28/6/28
	Petrol Tank Filler - with Cap	1			B.O.	Transferred to Petrol Tank Specifications 28/6/28
	Petrol Tap	1		Enot's Two-level Type	B.O.	Transferred to Petrol Tank Specifications 28/6/28
	Flange for Petrol Tap	1			B.O.	Supplied with Tap. Transferred to Petrol Tank Specifications 28/6/28
	Joint Washer for Tap	1	Hard Red Fibre	Pressing	B.O.	Supplied with Tap. Transferred to Petrol Tank Specifications 28/6/28

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Drawing No.	Description	No.	Material	Specification		Remarks
N6847	Hous. for Change Speed Lever	1	Aluminium	Casting	Patt. No. N6847	
N6849	Change Speed Gate	1	Mild Sheet	Pressing	10 S.W.G.	B.O.
4 - 5/16" - 1 1/4"	Bolt for Gate & Housing	2				
1 - 5/16"	Nut for above Bolt	2				
5/16" dia	Spring Washer	2				
N6848	Cover for Housing	1	Aluminium	Casting	Patt. No. N6848	
5 - 5/16" - 3/4"	Stud for Cover	4				Diam. changed to 1/4" on 2/7/28
1 - 5/16"	Nut for above Stud	4				Diam. changed to 1/4" on 2/7/28
5/16" dia	Spring Washer	4				Diam. changed to 1/4" on 2/7/28
N6891	Change Speed Lever	1	Med. Car. Steel	Stamp.	No. N6891	
N6897	Dowel for Change Speed Lever	2	Bright Bolt Steel	Bar	5/16" dia x 5/8" long	
N6892	Ball for Change Speed Lever	1	Ebonite on Steel Centre			B.O.
N6895	Bott. Collar on Change Speed Lever	1	Bright Bolt Steel	Bar	1 3/16" dia x 1/2" long	
N6894	Top Collar on Change Speed Lever	1	Phos. Bronze	Casting	Patt. No. N6894	
N6896	Rod for Reverse Stop	2	Bright Bolt Steel	Bar	3/16" dia x 9 7/8" long	
N6893	Reverse Stop Spring	1	Car Coil Spring			B.O.



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Drawing No.	Description	No.	Material	Specification		Remarks
N6925	Guide Block for Ch. Speed Tube (front)	1	Aluminium	Casting	Patt. No. N6925	
5 - 5/16" - 3/4"	Stud for Guide Block	2				
4 - 5/16" - 1 1/8"	Bolt for Guide Block	2				
1 - 5/16"	Nut for above Stud & Bolt	4				
5/16" dia	Spring Washer	4				
N6926	Cap for Front Guide Block	1	Aluminium	Casting	Patt. No. N6926	
5 - 1/4" - 1"	Stud for above Cap	4				
1 - 1/4"	Nut for above Stud	4				
1/4" dia	Spring Washer	4				
N6930	Guide Block for Ch. Speed Tube (rear)	1	Aluminium	Casting	Patt. No. 6930	Cancelled by No. N7163 21/5/28
4 - 5/16" - 1"	Bolt for Guide Block	4				No. required changed to 5 21/5/28
1 - 5/16"	Nut for above Bolt	4				No. required changed to 5 21/5/28
5/16" dia	Spring Washer	4				No. required changed to 5 21/5/28
N6931	Cap for Rear Guide Block	1	Aluminium	Casting	Patt. No. N6931	
5 - 1/4" - 1"	Stud for Cap	4				
1 - 1/4"	Nut for above Stud	4				
1/4" dia	Spring Washer	4				

Drawing No.	Description	No.	Material	Specification	Remarks
N6810	Change Speed Operating Tube	1	Med. Car. Tube Hard	Tube 1" o/dia x 10 S.W.G. x 56 1/4" long	[Length altered to 56 1/4" from illegible original. Note added and deleted: "Cancelled by N7163 21/5/28"]
N6928	Inner Sleeve for Guide Brg.	2	Man. C.H. Steel	Tube 1 1/4" o/dia x 9 S.W.G. x 7 1/4" long	1 1/4" dia bar may be used as alternative
	Taper Pin for Sleeve	2	Steel	No. 2 x 1 3/8" long	
N6927	Outer Sleeve for Guide Brg.	2	Man. C.H. Steel	Tube 2" o/dia x 7 S.W.G. x 3" long	2" dia bar may be used as alternative
N6929	Cage for Guide Bearing	2	Phos. Bronze	Cast Bar 1 3/4" dia x 5/8" long	
	Ball for Guide Bearing	24	Steel	Hoff. 1/4" dia	B.O.
N6808	Change Speed Oper. Lever	1	Man. C.H. Steel	Stamp. No. N6808	
	Key for above Lever	1	Key Steel	1/4" x 1/4" x 1" long	
	Taper Pin for above Lever	1	Steel	No.4 x 1 1/2" long	
N6890	Change Speed Fork	1	Med. Car. Steel	Stamp. No. N6890	
	Key for above Fork	1	Key Steel	1/4" x 1/4" x 1" long	
	Taper Pin for above Fork	1	Steel	No.4 x 1 1/2" long	
N6809	Caliper Piece for Change Speed	1	Med. Car. Steel	Stamp. No. N6809	
N6811	Bolt for Caliper Piece	1	Bright Bolt Steel	Bar 5/8" dia x 2 1/2" long	
3/32" dia	Split Pin	1	Steel	3/32" dia x 1" long	
N7006	End Cover for Guide Block	3	Aluminium Sheet	Pressing 2 1/4" x 2 1/4" x 11 S.W.G.	

Drawing No.	Description	No.	Material	Specification	Remarks
N6870	Clutch Operating Tube	1	Mild Tube Hard	Tube 3/4" o/dia x 16 S.W.G. x 32" long	Cancelled by N7433 after first 50 chassis 3/8/28
N5243	Fork End for Clutch Oper. Tube	1	Bright Bolt Steel	Bar 7/8" dia x 2 1/4" long	
N5255	Joint Pin for Fork End 5/16" dia	2	Nic. Chrome bar	Bar 1/2" dia x 1" long	
28-11	Plain Washer 5/16" dia	2		5/8" dia x 1/16" thick	
N6868	Adj. Screw for Clutch Tube, R.H.	1	Bright Bolt Steel	Bar 3/4" dia x 3 1/4" long	Cancelled after first 50 chassis 3/8/28
	Taper Pin for Fork End and Adjusting Pieces	4	Steel	No. 00 x 1" long	
N6867	Adj. Piece for Clutch Tube	1	Bright Bolt Steel	Hex. Bar .705"/.710" x 3 1/2" long	Cancelled by N7434 after first 50 chassis 3/8/28
N6871	Fork End & Adjusting Screw for Clutch Tube	1	Bright Bolt Steel	Bar 3/4" dia x 3" long	Cancelled by N7435 after first 50 chassis 3/8/28
N6900	Frame Support Tube	1	Med. Car. Tube Soft	Tube 3/4" o/dia x 16 S.W.G. x 15" long	
N5243	Fork End for above Tube	2	Bright Bolt Steel	Bar 7/8" dia x 2 1/4" long	See above also
	Taper Pin for Fork End	4	Steel	No. 00 x 1" long	
N5255	Joint Pin for Fork End 5/16" dia	2	Nic. Chrome Bar	Bar 1/2" dia x 1" long	See above also
28-11	Plain Washer 5/16" dia	2		5/8" dia x 1/16" thick	
1/16" dia	Split Pin	2	Steel	1/16" dia x 3/4" long	

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Drawing No.	Description	No.	Material	Specification	Remarks
N6901	B'kt. for Frame Support Tube O.S.	1	Med. Car. Steel	Stamp. No. N6901	
N6902	B'kt. For Frame Support Tube N.S.	1	Med. Car. Steel	Stamp. No. N6902	
4 - 5/16" - 7/8"	Bolt for above Brackets	6			
1 - 5/16"	Nut for above Bolt	6			
5/16" dia	Spring Washer	6			
N6911	Hand Brake Bracket	1	Aluminium	Casting Patt. No. N6911	
N2868	Hand Brake Quadrant	1	Med. Car. Steel	Stamp. No. N1461	
4 - 5/16" - 7/8"	Bolt for Bracket & Quadrant	4			
4 - 5/16" - 1 3/4"	Bolt for Bracket & Quadrant	1			
1 - 5/16"	Nut for above Bolts	4			
5/16" dia	Spring Washer	5			
N6914	Hand Brake Shaft	1	Bright Bolt Steel	Bar 3/4" dia x 6 5/8" long	
N7110	Hand Brake Shaft Lever	1	Med. Car. Steel	Stamp. No. N6909	Purchase Dept. to see D.O. before re-ordering stampings
	Key for above Lever	1	Key Steel	1/4" x 1/4" x 15/16" long	
4 - 5/16" - 1 1/4"	Clamp Bolt for above Lever	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			

Drawing No.	Description	No.	Material	Specification	Remarks
N6910	Hand Brake Lever	1	Med. Car. Steel	Stamp. No. N6910	
	Key for Hand Brake Lever	1	Key Steel	1/4" x 1/4" x 15/16" long	
4 - 5/16" - 1 5/8"	Clamp Bolt for above Lever	1			
1 - 5/16"	Nut for above Bolt	1			
5/16" dia	Spring Washer	1			
	Celluloid Handle	1		Bluemel No. 600A	B.O.
N1467	Hand Brake Trigger	1	Gunmetal	Casting Patt. No. N1467	
4 - 2 B.A. - 1"	Bolt for Trigger	1			
28-2	Plain Washer 3/16" dia	1		1/2" dia x 1/16" thick	
N2904	Nut for Trigger	1		2B.A. Castle Nut	B.O.
1/16" dia	Split Pin	1	Steel	1/16" dia x 5/8" long	
N7433	Clutch Operating Tube	1	Mild Tube Hard	Tube 3/4" o/dia x 16S.W.G. x 35 3/8" long	
N7434	Adj. Piece for Clutch Oper. Tube	1	Bright Bolt Steel	Hex. Bar .705"/.710" x 3 1/8" long	
N7435	Fork End for Clutch Oper. Tube	1	Bright Bolt Steel	Bar 3/4" dia x 3 3/8" long	
1 - 7/16"	Lock Nut for Clutch Oper. Tube	1			Added 16/7/28
	Lock Nut for Clutch Oper. Tube	1		As 1-7/16" but L.H. thread	Added 16/7/28. Cancelled after first 50 chassis.

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Drawing No.	Description	No.	Material	Specification	Remarks	
N1468	Eye Piece for Trigger	1	Gunmetal	Casting	Patt. No. N1468	
N1471	Pin for Eye Piece	1	Bright Bolt Steel	Bar	1/2" dia x 1 1/8" long	
28-2	Plain Washer for Pin 3/16" dia	1			1/2" dia x 1/16" thick	
1/16" dia	Split Pin	1	Steel		1/16" dia x 3/8" long	
N1470	Brake Lever Pawl	1	Med. Car. Steel	Stamp.	No. N1470	
N1472	Bolt for Pawl	2	Bright Bolt Steel	Bar	7/16" dia x 2" long	
1 - 1/4"	Nut for above Bolt	2				
N7120	Trigger Rod	1	Bright Bolt Steel	Bar	3/16" dia x 13" long	
N1464	Spring for Pawl	1	Car. Coil Spring			B.O.
N6898	Bracket for Change Speed Gate	1	Aluminium	Casting	Patt. No. N6898	Cancelled by N7163 21/5/28
4 - 5/16" - 7/8"	Bolt for above Bracket	3				Cancelled by N7163 21/5/28
1 - 5/16"	Nut for above Bolt	3				Cancelled by N7163 21/5/28
5/16" dia	Spring Washer	3				Cancelled by N7163 21/5/28

Drawing No.	Description	No.	Material		Specification		Remarks
	Front Brake Cable	1			Bowden Wire 3/16" dia x 53 3/4" long		Transcriber's note: original text had cable length altered. Original figure not legible.
N4231	Trunnion for Bowden Cable	1	Bright Bolt Steel	Bar	5/8" dia x 1" long		
N4230	Adjusting Stem for Cable	1	Bright Bolt Steel	Bar	3/8" dia x 3 7/16" long		
N4232	Key for Trunnion	1	Key Steel		1/8" x 3/32" x 7/8" long		
N4556	Wing Nut for Adjusting Stem 3/8" B.S.F.	1	Brass	Hot Brass Pressing		B.O.	
N3750	Fork End for Front Cable	1	Med. Car. Steel	Stamp.	Die No. N3750		
21-17	Joint Pin for Fork End 5/16" dia	1				B.O.	
3/32" dia	Split Pin	1	Steel		3/32" dia x 3/4" long		
	Rear Brake Cable	2			Bowden Wire 3/16" dia x 85" long		Transcriber's note: original text had cable length altered. Original figure not legible.
N3750	Fork End for Rear Cable	2	Med. Car. Steel	Stamp.	Die No. N3750		See above also.
21-17	Joint Pin for Fork End 5/16" dia	2				B.O.	
3/32" dia	Split Pin	2	Steel		3/32" dia x 3/4" long		
N4231	Trunnion for Rear Cable	2	Bright Bolt Steel	Bar	5/8" dia x 1" long		See above also
N4230	Adjusting Stem for Cable	2	Bright Bolt Steel	Bar	3/8" dia x 3 7/16" long		See above also.
N4232	Key for Trunnion	2	Key Steel		1/8" x 3/32" x 7/8" long		See above also
N4556	Wing Nut for Adjusting Stem 3/8" B.S.F.	2	Brass	Hot Brass Pressing		B.O.	See above also

Drawing No.	Description	No.	Material	Specification	Remarks
N7163	Guide Block for Change Speed Tube (Rear)	1	Aluminium	Casting Patt. No. N7163	This replaces N6930 & N6898 21/5/28
N7167	Bolt for Change Speed Gate	2	Bright Bolt Steel	Hex Bar .520"/.525" x 5 5/8" long	This replaces N6930 & N6898 21/5/28
1 - 5/16"	Nut for above Bolt	2			This replaces N6930 & N6898 21/5/28
5/16" dia	Spring Washer	2			This replaces N6930 & N6898 21/5/28
N7166	Distance Piece for Change Speed Gate	2	Mild Tube Hard	Tube 1/2" o/dia x 14 S.W.G. x 4" long	This replaces N6930 & N6898 21/5/28
	Bowden Cable Outside Cover	2		Bowdenite No. 16 x 37 3/4" long	
	Cap for Bowden Cable Cover	4			B.O.
N4109	Brake Cable Adjusting Piece	2	Bright Bolt Steel	Hex. Bar .595"/.600" x 3 11/16" long	
	Lock Nut for Adj. Piece	2		7/16" B.S.F. X 6mm thick	
N	Hand Brake Rod	1	Bright Bolt Steel	Bar 5/16" dia x long	Transcriber's Note: gaps in Drawing Number and Spec Dims are in original document.
N4539	Stop for Hand Brake Rod	1	Bright Bolt Steel	Hex. Bar .595"/.600" x 7/8" long	
N4550	Trunnion for Brake Rod (Front)	1	Bright Bolt Steel	Bar 3/4" dia x 1" long	
N1455	Trunnion for Brake Rod (Rear)	1	Bright Bolt Steel	Bar 5/8" dia x 1" long	
1 - 5/16"	Nut for Hand Brake Rod	2			
N1489	Adjusting Spring	1	Car. Coil Spring		B.O.
N1454	Wing Nut for Adj. Stem 5/16" B.S.F.	1	Brass	Hot Brass Pressing	B.O.



Drawing No.	Description	No.	Material	Specification	Remarks	
5* - 5/16" - 5/8"	Stud for Engine Support	3			Cancelled 1/6/28	
5 - 5/16" - 3/4"	Stud for Engine Support	1			Cancelled 1/6/28	
2 - 5/16"	Nut for above Studs	4			Cancelled 1/6/28	
1/16" dia	Split Pin	4	Steel	1/16" dia x 3/4" long	Cancelled 1/6/28	
4 - 7/16" - 1 1/2"	Bolt for Gear Box Support	6			[length amended] 13/7/28	
2 - 7/16"	Nut for above Bolt	6				
3/32" dia	Split Pin	6	Steel	3/32" dia x 1" long		
N6922	Pedal Buffer	3	Hard Rubber	Moulding	B.O.	
N6032	Pedal Buffer Plate	3	Mild Sheet	Pressing	1 5/8" wide x 16 S.W.G. X 3 1/8" long	
4 - 2 B.A. - 1/2"	Bolt for Buffer Plate	12				
3/16" dia	Spring Washer	12				
N6916	Bracket for Pedal Shaft Support	1	Phos. Bronze	Casting	Patt. No. N6916	
4 - 5/16" - 3/4"	Bolt for above Bracket	3			Number per set changed from 2 to 3 1/6/28	
1 - 5/16"	Nut for above Bolt	3			Number per set changed from 2 to 3 1/6/28	
5/16" dia	Spring Washer	3			Number per set changed from 2 to 3 1/6/28	
N6995	Fork End for Pedal Shaft Support	1	Bright Bolt Steel	Bar	1" dia x 2 3/8" long	
N5255	Joint Pin for Fork End 5/16" dia	1	Nic. Chr. Bar	Bar	1/2" dia x 1" long	See also page 17
1/16" dia	Split Pin	1	Steel		1/16" dia x 3/4" long	

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<b>Drawing No.</b>	<b>Description</b>	<b>No.</b>	<b>Material</b>	<b>Specification</b>		<b>Remarks</b>
N6918	Eye Piece for Pedal Shaft	1	Phos. Bronze	Casting	Patt. No. N6918	
N6917	Support Tube for Pedal Shaft	1	Low Car. Tube Hard	Tube	1" o/dia. X 12 S.W.G. X 9 3/8" long	
	Taper Pin for Support Tube	4	Steel		No. 3 x 1 1/4" long	
	Anchoring Stay for Pedal Springs	1	Mild Steel	Angle	3/4" x 3/4" x 1/8" x 36" long	Added 10/7/28
4 - 1/4" - 3/4"	Bolt for above Stay	2				Added 10/7/28
1 - 1/4"	Nut for above Bolt	2				Added 10/7/28
1/4" dia	Spring Washer	2				Added 10/7/28
N7002	Bracket for Front Brake Pulley	1	Phos. Bronze	Casting	Patt. No. N7002	
N7003	Pulley for Front Brake Cable	1	Bright Bolt Steel	Bar	1" dia. X 5/8" long	
21-17	Joint Pin for Pulley 5/16" dia.	1				B.O.
N7004	Joint Pin for Bracket 1/4" dia.	1	Bright Bolt Steel	Bar	3/8" dia. X 1" long	
1/16" dia	Split Pin	2	Steel		1/16" dia. X 3/4" long	

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Drawing No.	Description	No.	Material	Specification	Remarks
	Road Wheel	5		Rudge Whit. 52 U. 20" x 4" Well Base Rim. 58.5 m/m offset. Triple Spoke.	B.O. Complete with Arm type Lock Nut.
	Tyre - Dunlop Medium Pressure	5		4 3/4" dia for 20" Rim. Dia. 30 3/8" Inflated.	B.O.
	Tube	5		To suit above.	B.O.
N6955	Radiator & Cowl	1			B.O. Complete with Filler, Name-plate & Bracket for Tie-Rod. [Cancelled by N7185 15/6/28]
N7106	Buffer for Radiator & Cowl	4	Sheet Rubber	1" x 1" x 1/4" thick.	B.O.
5 - 3/8" - 1 1/4"	Stud for Radiator to Frame	2			Altered from Bolt 1/8/28
1 - 3/8"	Nut for above Stud	2			Description altered from Bolt to Stud 1/8/28
3/8" dia	Spring Washer	2			
4 - 5/16" - 1"	Bolt for Radiator & Cowl	2			
5/16" dia	Spring Washer	2			
N7078	Radiator Tie Rod	1	Mild Tube Hard	Tube 1/2" o/dia x 16 S.W.G. x 36 1/8" long	B.O.
N7185	Radiator & Cowl	1			B.O. This replaces N6955 15/6/28

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Drawing No.	Description	No.	Material	Specification	Remarks
N3331	Eye Bolt for Radiator Tie Rod	1	Med. Car. Steel	Stamp. No. N3331	
1 - 5/16"	Lock Nut for Eye Bolt	1			
4 - 5/16" - 7/8"	Bolt for Radiator Tie Rod	2			
1 - 5/16"	Nut for above Bolt	2			
5/16" dia	Spring Washer	2			
N2733	Bracket for Radiator Tie Rod	1	Mild Steel	Stamp. No. N2733	
	Screw for Bracket	2	Steel	Wood Screw No.8 x 3/4". C/sk head	
4 - 2 B.A. - 1"	Bolt for Bracket	2			
1 - 2 B.A.	Nut for above Bolt	2			
3/16" dia	Spring Washer	2			
28-3	Plain Washer 3/16" dia.	2		9/16" dia. X 1/16" thick	
N6936	Connecting Pipe for Cyl. Head to Radiator	1	Mild Tube Hard	Tube 2" o/dia. X 18 S.W.G. X 9 1/4" long	
	Hose for Above Pipe	2	Rubber & Canvas	2" i/dia. X 4" long	
	Hose Clip for above	4	Brass	2 3/8" dia.	B.O.

Drawing No.	Description	No.	Material	Specification	Remarks
N6949	Connecting Pipe for Water Pump to Radiator	1	Mild Tube Hard	Tube 1 1/4" o/dia. x 18 S.W.G. x 16" long	
	Hose for above Pipe	2	Rubber & Canvas	1 1/4" i/dia. x 4" long	
	Hose Clip for above	4	Brass	1 5/8" dia.	B.O.
N6953	Front Exhaust Pipe	1	Welded Tube	Tube 2" o/dia x 16 S.W.G. X 24" long	length changed to 24" 16/5/28. Transferred to Silencer Specification 8/6/28.
N5388	Flange for Front Exh. Pipe	1	Mild Steel	Stamp. No. N5388	Drawing No. changed from N5394(?) to N5388 23/5/28. Transferred to Silencer Specification 8/6/28.
N5459	Joint Washer for Exh. Pipe	1	Copper & Asbestos	Pressing 3m/m thick	B.O. Transferred to Silencer Specification 8/6/28.
4 - 3/8" - 1 1/2"	Bolt for Front Exh. Pipe	2			Transferred to Silencer Specification 8/6/28.
	Nut for above Bolt	2	Brass	As 1 - 3/8"	Transferred to Silencer Specification 8/6/28.
3/8" dia	Spring Washer	2			Transferred to Silencer Specification 8/6/28.
	Brazing Peg for Flange	1	Steel	Taper Pin No.00 x 1" long	Transferred to Silencer Specification 8/6/28.
	Floor Board Support	1	Mild Steel	Angle 1 1/4" x 1 1/4" x 1/8" x 44" long	added 9/7/28

Drawing No.	Description	No.	Material	Specification	Remarks
N6991	Bracket for Head Lamp and Wing Tube. O.S.	1	Mild Steel	Stamp. No. N6991	
N6992	Bracket for Head Lamp and Wing Tube. N.S.	1	Mild Steel	Stamp. No. N6992	
4 - 5/16" - 7/8"	Bolt for above Brackets	8			
1 - 5/16"	Nut for above Bolt	8			
5/16" dia	Spring Washer	8			
N6975	Stay Tube for Front Wings	1	Mild Tube Hard	Tube 1 1/8" o/dia x 10 S.W.G. x 50" long	length modified to 50" 26/6/28. Previous illegible.
N5472	Front Wing Support	2	Mild Steel	Stamp. No. N5472	Hold in abeyance [faint writing]
4 - 5/16" - 1 3/4"	Clamp. Bolt for Bracket	2			
4 - 5/16" - 1 5/8"	Clamp. Bolt for Wing Support	2			
1 - 5/16"	Nut for above Bolts	4			
5/16" dia	Spring Washer	4			
N6993	Rubber Pad for Head Lamp Tube	2	Hard Rubber	Moulding	B.O.
N7083	Bracket for rear Bowden Cable O.S.	1	Mild Steel	Stamp. No. N7083	First 50 sets cast in Gunmetal
N7084	Bracket for rear Bowden Cable N.S.	1	Mild Steel	Stamp. No. N7083	First 50 sets cast in Gunmetal
4 - 5/16" - 3/4"	Bolt for above Brackets	4			
1 - 5/16"	Nut for above Bolt	4			
5/16" dia	Spring Washer	4			

Drawing No.	Description	No.	Material	Specification		Remarks
N1738	Spring for Clutch Pedal Lever	1	Car. Coil Spring			B.O.
	Extension for above Spring	1	Steel	Wire	1/8" dia x 8" long	
N1819	Spring for Foot Brake & Accelerator Pedal Levers	3	Car. Coil Spring			B.O.
	Extension for Foot Brake Spring	2	Steel	Wire	1/8" dia x 8" long	
	Extension for Accelerator Spring	1	Steel	Wire	1/8" x 12" long	
4 - 5/16" - 2 1/8"	Bolt for Engine Support	4				
2 - 5/16"	Nut for above Bolt	4				
1/16" dia	Split Pin	4	Steel		1/16" dia x 3/4" long	
N7141	Head Lamp Carrier	2	Gun Metal	Casting	Patt. No. N7141	[Originally added to list as Mild Steel Stamping, Die No. N7141 on 8/5/28. Later changed to gunmetal casting on 16/5/28]
N7143	Front Brake Release Spring	2	Car. Coil Spring			B.O. 16/5/28
N7144	Anchor for Front Brake Release Spring	2	Mild Sheet	Pressing	10 S.W.G.	16/5/28
	Grease Nipples - 1/4" Gas	6	Tecalemit			B.O. 21/5/28. Cancelled by Alcyl Central Lubrication System 19/7/28
	Grease Nipples - 1/8" Gas	13	Tecalemit			B.O. 21/5/28. Cancelled by Alcyl Central Lubrication System 19/7/28

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Drawing No.	Description	No.	Material	Specification		Remarks
N7149	Support Ring for Engine	1	Mild Steel	Stamp.	Die No. N7149	First sets to be made from Bar
9 - 1/4" - 5/8"	C/sk. Screw for Support Ring	8				
1 - 1/4"	Nut for above Screw	8				
1/4" dia	Spring Washer	8				
N7233	Front Brake Lever on Pedal Shaft	1	Med. Car. Steel	Stamp.	Die No. N7233	This replaces N6856 4/6/28
N7232	Rear Brake Pulley on Pedal Shaft	2	Gun Metal	Casting	Patt. No. N7232	This replaces N6854/5 4/6/28
N7234	Trunnion for Rear Brake Cable	2	Bright Bolt Steel	Bar	3/4" dia x 1" long	added 4/6/28
N6908	Radiator Filler Cap	1	Gunmetal	Casting	Patt. No. N6908	
	Radiator Filler	1			Filler body, Bronze Spring, Fibre Washer and Plated Washer for Roth. No. 23 Filler	B.O.



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<b>Drawing No.</b>	<b>Description</b>	<b>No.</b>	<b>Material</b>	<b>Specification</b>	<b>Remarks</b>
	<i>Gusset Plate for Frame</i>	<i>2</i>	<i>Mild Sheet</i>	<i>15" x 12" x 12 S.W.G.</i>	<i>To be made here for frames already delivered.</i>
<i>4 - 5/16" - 3/4"</i>	<i>Bolt for above Gusset</i>	<i>10</i>			
<i>1 - 5/16"</i>	<i>Nut for above Bolt</i>	<i>10</i>			
<i>5/16" dia</i>	<i>Spring Washer</i>	<i>10</i>			