

SERVICES
HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH
AND BETWEEN TROUGH FRAME AND SPECTACLE BEAM

Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M	Place No.
	—	HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH AND BETWEEN TROUGH FRAME AND SPECTACLE BEAM	1	—	—	
	—	HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH	1	—	—	
6478	10-20 S 6391	(Drg. No. 10-20 S 14417) (Mod. 216) ADAPTER , charging connection, on "Green" hydraulic pump, in pump bay	1	—	C	QR3
12181	10-20 S 10465	Attachments for 10-20 S 6391, Adapter :— Bolt, special, shouldered, 1/4" UNF	1	—	C	QR3
17782	A.102/2E/DHS.514/D	Bolt, 1/4" UNF	3	—	C	QR3
28W/9419405	SP.15/E	Washer	4	—	C	
6487	10-20 S 6421	ADAPTER , charging connection, on "Red" hydraulic pump, in pump bay	1	—	C	QR3
12181	10-20 S 10465	Attachments for 10-20 S 6421, Adapter :— Bolt, special, shouldered, 1/4" UNF	1	—	C	QR3
17782	A.102/2E/DHS.514/D	Bolt, 1/4" UNF	3	—	C	QR3
28W/9419405	SP.15/E	Washer	4	—	C	
6486	10-20 S 6427	ADAPTER , reducing, on rear firewall in pump bay, for suction hoses from "Green" and "Red" pumps	2	—	C	QR1
28D/9133011	A25/2C	Attachments for 10-20 S 6427, Adapter :— Bolt, 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA	2	—	C	
28W/9419404	SP.16/C	Washer	2	—	C	
17024	10-20 S 20997A	ADAPTER , special, between filter and charging points in hydraulic trough (Mod. 1150)	2	—	C	QR1
28F/8011900	AGS.1129/A	BANJO BODY , pipe coupling, at "Yellow" hydraulic pump seal drain in pump bay	1	—	C	
28F/11170	AGS.1129/D	BANJO BODY , pipe coupling, in hydraulic trough, for "Red" and "Green" charging systems at rear firewall and at filters	4	—	C	
28F/9423231	AGS.1135/D	BOLT , banjo, pipe coupling, in hydraulic trough, for "Red" and "Green" charging systems at rear firewall and at filters	4	—	C	
28F/12852	AGS.1213/A	BOLT , banjo, pipe coupling, at "Yellow" hydraulic pump seal drain in pump bay	1	—	C	
28F/9140977	AGS.1213/C	BOLT , banjo, pipe coupling, at "Red" and "Green" pumps in pump bay	2	—	C	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Score or LM	Plate No.
18119	10-20 S 6389A	BRACKET , clamp, aft, Port, mounting filter in hydraulic trough	1	—	C	QR1
18118	10-20 S 6390A	BRACKET , clamp, aft, Starboard, mounting filter in hydraulic trough	1	—	C	QR2
	10-20 S 10095ND	Spares for :— LINING , strip, $\frac{3}{32}$ " thick	1	DTD.762	LM	QR1 QR2
		Attachments for 10-20 S 6389A or 10-20 S 6390A, Bracket :—				
28D/9436920	A25/1C	Bolt, 2 BA	2	—	C	
26DL/4216	DHS.69/C	Shim	QR	—	C	
28W/9419475	SP.15/C	Washer	2	—	C	
18120	10-20 S 11471A	BRACKET , clamp, forward, Port, mounting filter in hydraulic trough	1	—	C	QR1
18121	10-20 S 11472A	BRACKET , clamp, forward, Starboard, mounting hydraulic trough	1	—	C	QR2
	10-20 S 11467ND	Spares for :— LINING , strip, $\frac{1}{16}$ " thick	1	DTD.762	LM	QR1 QR2
		Attachments for 10-20 S 11471A or 10-20 S 11472A, Bracket :—				
28D/9436920	A25/1C	Bolt, 2 BA	2	—	C	
26DL/4216	DHS.69/C	Shim	QR	—	C	
28W/9419475	SP.15/C	Washer	2	—	C	
27BA/8775	AVERY AVA.64/C	CAP , blanking, for "Blue and Yellow" by-pass adapters at rear firewall, and at charging connections at "Red and Green" pumps	4	—	C	QR3
27BA/8901	AVERY AVA.64/D	CAP , blanking, for "Blue and Yellow" pressure and "Red and Green" charging adapters at rear firewall	4	—	C	QR3
27BA/8777	AVERY AVA.64/F	CAP , blanking, for "Blue and Yellow" suction adapters at rear firewall, and at charging connections at "Red and Green" pumps	4	—	C	QR3
	—	CLAMP , hose, securing hoses in pump bay to bottom boom of rib "O," group (Drg. No. 10-20 S 7571)	1	—	—	
	10-20 S 7579	ANGLE , attachment, 18 SWG	2	L.72	LM	QR3
	10-20 S 7577	BLOCK , clamp, bottom portion	1	LFS.21, 23 or 26	LM	QR3
	10-20 S 7575	BLOCK , clamp, centre portion	1	LFS.21, 23 or 26	LM	QR3
	10-20 S 7573	BLOCK , clamp, top portion	1	LFS.21, 23 or 26	LM	QR3
28D/9133013	A25/5C	BOLT , 2 BA	4	—	C	
28D/1011019	A25/8C	BOLT , 2 BA	2	—	C	
28D/12934	A25/28C	BOLT , 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	NUT , 2 BA	8	—	C	
28W/9419402	SP.13/C	WASHER	8	—	C	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Score or LM	Place No.
	—	CLAMP , pipe, in hydraulic trough, Port, centre. group (Drg. No. 10-20 S 6437)	1	—	—	
	10-20 S 14397A/ND	BLOCK , clamp, bottom half, complete with sealing bracket, assembly	1	—	—	QR1
16091	10-20 S 14395	BLOCK , clamp, bottom half, bare	1	—	C	QR1
	10-20 S 8735A	BRACKET , sealing, assembly	1	—	—	QR1
16090	10-20 S 14393	BLOCK , clamp, top half	1	—	C	QR1
28D/9436920	A25/1C	BOLT , 2 BA	2	—	C	
28D/9140648	A25/19C	BOLT , 2 BA	1	—	C	
28D/1011023	A25/20C	BOLT , 2 BA	1	—	C	
28D/1011024	A25/21C	BOLT , 2 BA	1	—	C	
28D/1012995	A25/22C	BOLT , 2 BA	1	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA	1	—	C	
28D/1013172	AS.1242/5C	BOLT , 2 BA	1	—	C	
	10-20 S 8743	CHANNEL , sealing, secured to rear firewall, 16 SWG	1	L.72	LM	QR1
28M/10288	AGS.2001/C/1	NUT , 2 BA	2	—	C	
	10-20 S 8513	STRIP , sealing, synthetic rubber (Make from standard section J.1084, Ref. No. 6596)	1	—	LM	QR1 QR2
28VV/9419475	SP.15/C	WASHER	6	—	C	
	—	CLAMP , pipe, in hydraulic trough, Port, floating, inboard, group (Drg. No. 10-20 S 7023A)	1	—	—	
	10-20 S 8803ND	BLOCK , clamp, half	2	LFS.21, 23 or 26	LM	QR1
28D/9140645	A25/10C	BOLT , 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	NUT , 2 BA	2	—	C	
	—	CLAMP , pipe, in hydraulic trough, Port, inboard, group (Drg. No. 10-20 S 6433)	1	—	—	
16093	10-20 S 14389ND	BLOCK , clamp, bottom half	1	—	C	QR1
16092	10-20 S 14387ND	BLOCK , clamp, top half	1	—	C	QR1
28D/9453970	A25/15C	BOLT , 2 BA	3	—	C	
28D/1214311	A25/17C	BOLT , 2 BA	1	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA	1	—	C	
28D/1013172	AS.1242/5C	BOLT , 2 BA	1	—	C	
28E/17275	AGS.2080/8	CLIP , "P"	1	—	C	
	—	STRIP , bonding, ".015 thick (Make from Ref. No. 30B/1232) (Mod. 1326)	QR	Zinc	LM	
28VV/9419402	SP.13/C	WASHER	3	—	C	
28VV/9419475	SP.15/C	WASHER	1	—	C	
	—	CLAMP , pipe, in hydraulic trough, Port, outboard, group (Drg. No. 10-20 S 14391)	1	—	—	
	10-20 S 13425ND	BLOCK , clamp, bottom half	1	LFS.21, 23 or 26	LM	QR1
	10-20 S 13423ND	BLOCK , clamp, top half	1	LFS.21, 23 or 26	LM	QR1
28D/9140647	A25/14C	BOLT , 2 BA	3	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA	1	—	C	
28D/1013172	AS.1242/5C	BOLT , 2 BA	1	—	C	
	—	STRIP , bonding, ".015 thick (Make from Ref. No. 30B/1232) (Mod. 1326)	QR	Zinc	LM	
28W/9419402	SP.13/C	WASHER	3	—	C	

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	—	CLAMP , pipe, in hydraulic trough, Starboard, centre inboard, group (Drg. No. 10-20 S 21121A)	1	—	—	
17439	10-20 S 21119ND	BLOCK , clamp, bottom half (Mod. 1230) ...	1	—	C	QR2
16516	10-20 S 15023ND	BLOCK , clamp, top half (Mod. 836) ...	1	—	C	QR2
28D/9453970	A25/15C	BOLT , 2 BA ...	3	—	C	
28D/1011022	A25/18C	BOLT , 2 BA ...	1	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA ...	1	—	C	
28D/1013172	AS.1242/5C	BOLT , 2 BA ...	1	—	C	
28E/1006378	AS.3181/8C	CLIP , "P" ...	1	—	C	
	—	STRIP , bonding, .015 thick (Make from Ref. No. 30B/1232) (Mod. 1326)	QR	Zinc	LM	
28W/9419402	SP.13/C	WASHER ...	3	—	C	
28W/9419475	SP.15/C	WASHER ...	1	—	C	
	—	CLAMP , pipe, in hydraulic trough, Starboard, centre outboard, group (Drg. No. 10-20 S 6443)	1	—	—	
16519	10-20 S 15089A/ND	BLOCK , clamp, bottom half, complete with sealing bracket, assembly (Mod. 836)	1	—	C	QR2
16518	10-20 S 15035	BLOCK , clamp, top half (Mod. 836) ...	1	—	C	QR2
28D/9436920	A25/1C	BOLT , 2 BA ...	2	—	C	
28D/9140648	A25/19C	BOLT , 2 BA ...	1	—	C	
28D/1011024	A25/21C	BOLT , 2 BA ...	1	—	C	
28D/1012995	A25/22C	BOLT , 2 BA ...	1	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA ...	1	—	C	
28D/1013172	AS.1242/5C	BOLT , 2 BA ...	1	—	C	
	10-20 S 8744	CHANNEL , sealing, secured to rear firewall, 16 SWG	1	L.72	LM	QR2
28M/10288	AGS.2001/C/1	NUT , 2 BA ...	2	—	C	
	10-20 S 8513	STRIP , sealing, synthetic rubber (Make from standard section J.1084, Ref. No. 26FY/6596)	1	—	LM	QR1 QR2
28W/9419475	SP.15/C	WASHER ...	6	—	C	
	—	CLAMP , pipe, in hydraulic trough, Starboard, floating, inboard, group	1	—	—	
	10-20 S 8483	BLOCK , clamp, half, securing "Green Pressure" to "Red Return" pipe	2	LFS.21, 23 or 26	LM	QR2
28D/9140645	A25/10C	BOLT , 2 BA ...	1	—	C	
28M/10288	AGS.2001/C/1	NUT , 2 BA ...	1	—	C	
	—	CLAMP , pipe, in hydraulic trough, Starboard, forward, outboard, group	1	—	—	
	10-20 S 8449	BLOCK , clamp, half ...	2	LFS.21, 23 or 26	LM	QR2
28D/9435710	A25/11C	BOLT , 2 BA ...	2	—	C	
28E/17671	AGS.2080/4	CLIP , "P" ...	1	—	C	
28W/9419475	SP.15/C	WASHER ...	2	—	C	

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		CLAMP , pipe, in hydraulic trough, Starboard, inboard, group (Drg. No. 10-20 S 6431)	1	—	—	
	10-20 S 7467ND	BLOCK , clamp, bottom half	1	LFS.21 23 or 26	LM	QR2
	10-20 S 7465ND	BLOCK , clamp, top half	1	LFS.21 23 or 26	LM	QR2
28D/1011021	A25/16C	BOLT , 2 BA	1	—	C	
28D/1011024	A25/21C	BOLT , 2 BA	2	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA	1	—	C	
28D/1013172	AS.1242/15C	BOLT , 2 BA	1	—	C	
28E/17673	AGS.2080/7	CLIP , "P"	1	—	C	
28E/9129076	AGS.2080/12	CLIP , "P"	1	—	C	
	10-20 S 7477	CLIP , "P," special, 22 SWG	1	L.72	LM	QR2
		STRIP , bonding, ".015 thick (Make from Ref. No. 30B/1232) (Mod. 1326)	QR	Zinc	LM	
28W/9419402	SP.13/C	WASHER	1	—	C	
28W/9419475	SP.15/C	WASHER	2	—	C	
		CLAMP , pipe, in hydraulic trough, Starboard, outboard, group (Drg. No. 10-20 S 6441)	1	—	—	
	16515	BLOCK , clamp, bottom half (Mod. 836)	1	—	C	QR2
	16514	BLOCK , clamp, top half (Mod. 836)	1	—	C	QR2
28D/9453970	A25/15C	BOLT , 2 BA	3	—	C	
28D/1007976	AS.1242/4C	BOLT , 2 BA	2	—	C	
28D/1013172	AS.1242/5C	BOLT , 2 BA	1	—	C	
		STRIP , bonding, ".015 thick (Make from Ref. No. 30B/1232) (Mod. 1326)	QR	Zinc	LM	
28W/9419402	SP.13/C	WASHER	3	—	C	
		CLIPS , securing "Blue Suction" to "Red Pressure" pipe in hydraulic trough, Port, group	1	—	—	
28D/9133011	A25/2C	BOLT , 2 BA	1	—	C	
28E/17275	AGS.2080/8	CLIP , "P"	1	—	C	
28E/9129076	AGS.2080/12	CLIP , "P"	1	—	C	
28M/10288	AGS.2001/C/1	NUT	1	—	C	
28W/9419402	SP.13/C	WASHER	1	—	C	
		CLIPS , securing "Blue Suction" to "Red Suction" pipe in hydraulic trough, Port, group	1	—	—	
28D/9133011	A25/2C	BOLT , 2 BA	1	—	C	
28E/9129076	AGS.2080/12	CLIP , "P"	1	—	C	
28E/17131	AGS.2080/20	CLIP , "P"	1	—	C	
28M/10288	AGS.2001/C/1	NUT	1	—	C	
28W/9419402	SP.13/C	WASHER	1	—	C	
		CLIPS , securing "Red Pressure" pipes in hydraulic trough, Port, group	1	—	—	
28D/9436920	A25/1C	BOLT , 2 BA	1	—	C	
28E/17275	AGS.2080/8	CLIP , "P"	2	—	C	
28M/10288	AGS.2001/C/1	NUT	1	—	C	
28W/9419402	SP.13/C	WASHER	1	—	C	

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	—	CLIPS , securing "Green Pressure" to "Red Return" pipe in hydraulic trough, Starboard, group	1	—	—	
28D/9436920	A25/1C	BOLT , 2 BA	1	—	C	
28E/17275	AGS.2080/8	CLIP , "P"	1	—	C	
28E/9129076	AGS.2080/12	CLIP , "P"	1	—	C	
28M/10288	AGS.2001/C/1	NUT	1	—	C	
28W/9419402	SP.13/C	WASHER	1	—	C	
	—	CLIPS , securing "Green Pressure" and "Green Return From Hook" pipes to "Green Suction" pipe in hydraulic trough, Starboard, group	1	—	—	
28D/9436920	A25/1C	BOLT , 2 BA	2	—	C	
28E/17671	AGS.2080/4	CLIP , "P"	3	—	C	
28E/17131	AGS.2080/20	CLIP , "P"	2	—	C	
28M/10288	AGS.2001/C/1	NUT	2	—	C	
28W/9419402	SP.13/C	WASHER	2	—	C	
28F/1014970	AGS.1104/A	CONE , adapter, coupling, at hydraulic pump seal drains in pump bay	3	—	C	
28F/9476123	AGS.1123/D	CONE , four-way, pipe coupling, in hydraulic trough, Port side, for "Red" pressure pipes	1	—	C	
28F/8011812	AGS.1118/D	CONE , tee, pipe coupling, in hydraulic trough, for "Blue" and "Yellow" pressure and return systems	4	—	C	
28F/9129085	AGS.1102/A	CONE , union body, pipe coupling, in hydraulic trough, for undercarriage "Emergency DOWN" system	1	—	C	
6489	10-20 S 8236	COUPLING , banjo, on "Green" hydraulic pump	1	—	C	QR3
6490	10-20 S 8235	COUPLING , banjo, on "Red" hydraulic pump	1	—	C	QR3
6483	10-20 S 6405	COUPLING , bulkhead, on rear firewall in pump bay, for "Blue" and "Yellow" by-pass hoses	2	—	C	QR3
		Attachments for 10-20 S 6405, Coupling :—				
28D/9133012	A25/3C	Bolt, 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA	2	—	C	
28W/9419404	SP.16/C	Washer	2	—	C	
6484	10-20 S 6403	COUPLING , bulkhead, on rear firewall in pump bay, for "Blue" and "Yellow" suction hoses	2	—	C	QR3
		Attachments for 10-20 S 6403, Coupling :—				
28D/9133012	A25/3C	Bolt, 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA	2	—	C	
28W/9419404	SP.16/C	Washer	2	—	C	
6476	10-20 S 7017	COUPLING , charging, on "Red" hydraulic pump charging adapter and Starboard ripple suppressor, in pump bay	2	—	C	QR3
		Attachments for 10-20 S 7017, Coupling :—				
28D/9133012	A25/3C	Bolt, 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA	2	—	C	
28W/9419475	SP.15/C	Washer	2	—	C	
6488	10-20 S 6507	COUPLING , four-way, special, in hydraulic trough, Starboard, for "Green Pressure" pipes	1	—	C	QR2

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27BA/11416	AVERY AVA. 1151/C	COUPLING , hose, stud half, for "Blue" and "Yellow" by-pass adapters at rear firewall	2	—	C	QR3
27BA/11417	AVERY AVA.1151/D	COUPLING , hose, stud half, for "Blue" and "Yellow" pressure adapters at rear firewall	2	—	C	QR3
27BA/11498	AVERY AVA.1153/F	COUPLING , hose, stud half, for "Blue" and "Yellow" suction adapters at rear firewall, and at charging connections on "Green" and "Red" pumps	4	—	C	QR3
27BA/9914	AVERY AVA.59/D	COUPLING , hose, stud half, for "Green" and "Red" charging adapters at rear firewall	2	—	C	QR3
11519	10-20 S 12047	COUPLING , special, on rear firewall in pump bay, for "Green" and "Red" charging connections	2	—	C	QR3
28D/9133012	A25/3C	Attachments for 10-20 S 12047, Coupling :—				
28M/10288	AGS.2001/C/1	Bolt, 2 BA	5	—	C	
	10-20 S 12057	Nut, 2 BA	5	—	C	
28W/9419475	SP.15/C	Plate, washer	1	S.511	LM	QR3
		Washer	5	—	C	
16048	10-20 S 12983	COUPLING , tee cone, in hydraulic trough, Port, for "Blue" suction pipes	1	—	C	QR1
11527	10-20 S 1011	COUPLING , tee cone, in hydraulic trough, Port, for "Red" pressure system	1	—	C	QR1
4537	10-20 S 9057A	FILTER , magnetic, in ripple suppressors at "Green" and "Red" pumps in pump bay, assembly	2	—	C	QR3
27M/812	LOCKHEED MFHA.2111	FILTER , purolator, at charging points in hydraulic trough (For spares see AP.4515F, Vol. 3, Pt. 1, Sect. 2, Chap. 23) (Pre Mod. 1292)	2	—	P	QR1 QR2
27M/	LOCKHEED MFHA.43400	FILTER , purolator, at charging points in hydraulic trough (For spares see AP.4515F, Vol. 3, Pt. 1, Sect. 2, Chap. 23) (Mod. 1292)	2	—		QR1 QR2
5676	10-20 S 6411	HOSE , "By-pass" between "Blue" hydraulic pump and charging adapter on rear firewall	1	—	C	QR3
5673	10-20 S 6409	HOSE , "By-pass" between "Yellow" hydraulic pump and charging adapter on rear firewall	1	—	C	QR3
5737	10-20 S 8238	HOSE , cooling, between "Green" hydraulic pump and adapter on gearbox beam, Starboard	1	—	C	QR3
5736	10-20 S 8237	HOSE , cooling, between "Red" hydraulic pump and adapter on gearbox beam, Port	1	—	C	QR3
5675	10-20 S 6413	HOSE , "Pressure," between "Blue" hydraulic pump and charging valve on rear firewall	1	—	C	QR3
5670	10-20 S 7019	HOSE , "Pressure," between "Green" ripple suppressor and non-return valve on rear firewall	1	—	C	QR3
5668	10-20 S 7021	HOSE , "Pressure," between "Red" ripple suppressor and non-return valve on rear firewall	1	—	C	QR3
5672	10-20 S 6415	HOSE , "Pressure," between "Yellow" hydraulic pump and charging valve on rear firewall	1	—	C	QR3
5674	10-20 S 6419	HOSE , "Suction," between "Blue" hydraulic pump and charging adapter on rear firewall	1	—	C	QR3

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5669	10-20 S 6423	HOSE , "Suction," between "Green" hydraulic pump and adapter on rear firewall	1	—	C	QR3
5667	10-20 S 6425	HOSE , "Suction," between "Red" hydraulic pump and adapter on rear firewall	1	—	C	QR3
5671	10-20 S 6417	HOSE , "Suction," between "Yellow" hydraulic pump and charging adapter on rear firewall	1	—	C	QR3
	10-20 S 11645	LABEL , "By-pass," Blue, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11641	LABEL , "By-pass," Yellow, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11643	LABEL , "Pressure," Blue, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11653	LABEL , "Pressure," Green, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11651	LABEL , "Pressure," Red, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11639	LABEL , "Pressure," Yellow, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11649	LABEL , "Suction," Blue, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
	10-20 S 11647	LABEL , "Suction," Yellow, at rear firewall in pump bay (Anodising Alloy Comml. 20SWG)	1	—	LM	QR3
28F/8011897	AGS.1142/F	NIPPLE , adapter, pipe coupling, in hydraulic trough, for "Blue" and "Yellow" suction, and "Red" return systems	5	—	C	
28F/8216	AGS.1142/J	NIPPLE , adapter, pipe coupling, in hydraulic trough, for "Green" and "Red" suction systems	4	—	C	
28F/8011896	AGS.1142/C	NIPPLE , adapter, pipe coupling, in pump bay, for "Green" and "Red" pump cooling pipes	2	—	C	
28F/14529	AGS.1170/C	NIPPLE , pipe coupling, in hydraulic trough, for "Blue" pressure system	1	—	C	
28F/1014650	AGS.1170/B	NIPPLE , pipe coupling, in hydraulic trough, for "Green" and "Red" pressure, "Green Return from Hook," and "Blue" header tank bleed systems	6	—	C	
28F/10773	AGS.1170/F	NIPPLE , pipe coupling, in hydraulic trough, for "Red" return and "Yellow" suction systems	3	—	C	
28F/19144	AGS.2120/J	NIPPLE , pipe coupling, in hydraulic trough, for "Red" suction system	1	—	C	
28F/17768	AGS.1170/CC	NIPPLE , pipe coupling, in hydraulic trough, for undercarriage "UP" and "DOWN" systems	6	—	C	
28F/19141	AGS.2120/D	NIPPLE , pipe coupling, in hydraulic trough, for "Wing-fold" and "Wing-spread" systems	4	—	C	
	10-20 S 6517ND	PIPE , code No. 57, "Red Pressure" from 4-way adapter in hydraulic trough to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6509ND	PIPE , code No. 63, "Wing-spread," from joint in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6445ND	PIPE , code No. 63, "Wing-spread," from joint in hydraulic trough, to wing-fold selector valve at rib No. 1, Starboard	1	—	PC	QR2
	10-20 S 6511ND	PIPE , code No. 64, "Wing-fold," from joint in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1

SERVICES
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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M.	Plate No.
	10-20 S 6447ND	PIPE, code No. 64, "Wing-fold," from joint in hydraulic trough, to wing-fold selector valve at rib No. 1, Starboard	1	—	PC	QR2
	10-20 S 6493ND	PIPE, code No. 67, "Undercarriage DOWN" from joint in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6483ND	PIPE, code No. 67, "Undercarriage DOWN" from joint in hydraulic trough, Port, to joint at rib No. 1, Starboard	1	—	PC	QR2
	10-20 S 6497ND	PIPE, code No. 68, "Undercarriage Emergency DOWN," from joint in hydraulic trough to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6477ND	PIPE, code No. 68, "Undercarriage Emergency DOWN" from joint in hydraulic trough, Port, to joint at rib No. 1, Starboard	1	—	PC	QR2
	10-20 S 14447ND	PIPE, code No. 69, "Undercarriage UP" from joint in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 14445ND	PIPE, code No. 69, "Undercarriage UP," from joint in hydraulic trough, Port, to joint at rib No. 1, Starboard	1	—	PC	QR2
16045	10-20 S 13415ND	PIPE, code No. 70, "Red Return" from joint in hydraulic trough, Starboard, to joint at rib No. 1, Port	1	—	C	QR1
16513	10-20 S 15031ND	PIPE, code No. 70, "Red Return" from joint in hydraulic trough to adapter at hydraulic reservoir, rib No. 2, Starboard (Mod. 836)	1	—	C	QR2
	10-20 S 15099ND	PIPE, code No. 71, "Green Return," arrestor hook, from reducing union to first joint in hydraulic trough, Starboard (Mod. 836)	1	—	PC	QR2
	10-20 S 14893ND	PIPE, code No. 71, "Green Return," arrestor hook, between first and second joint in hydraulic trough (Mod. 836)	1	—	PC	QR2
	10-20 S 12029ND	PIPE, code No. 86, "Red Pressure" from tee adapter in hydraulic trough, Port side to first joint in hydraulic trough, Starboard, side	1	—	PC	QR2
	10-20 S 6505ND	PIPE, code No. 87, "Red Pressure" from 4-way adapter in hydraulic trough to adapter at rear firewall in hydraulic trough, Port	1	—	PC	QR1
6491	10-20 S 6489ND	PIPE, code No. 88, "Red Suction" from adapter at rear firewall to adapter in hydraulic trough, Port	1	—	C	QR1
6492	10-20 S 6473ND	PIPE, code No. 88, "Red Suction" from adapter in hydraulic trough, Port, to adapter at hydraulic reservoir, rib No. 2, Starboard	1	—	C	QR2
	10-20 S 11295ND	PIPE, code No. 89, "Green Pressure," from 4-way adapter in hydraulic trough, to joint in hydraulic trough, Starboard side	1	—	PC	QR2
	10-20 S 6455ND	PIPE, code No. 90, "Red Pressure" from 4-way adapter in hydraulic trough, Port, to 4-way adaptor at rib No. 1, Starboard	1	—	PC	QR2
	10-20 S 6465ND	PIPE, code No. 91, "Green Pressure" from adapter at rear firewall to 4-way adapter in hydraulic trough, Starboard	1	—	PC	QR2

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M	Plate No.	
							1
6495	10-20 S 21117ND	PIPE, code No. 92, " Green Pressure," from 4-way adapter in hydraulic trough, to wing-fold selector valve at rib No. 1, Starboard	1	—	PC	QR2	
	10-20 S 6461ND	PIPE, code No. 93, " Green Suction " from adapter at rear firewall to adapter at hydraulic reservoir, rib No. 2, Starboard	1	—	C	QR2	
	10-20 S 6379ND	PIPE, code No. 94, " Cooling," from adapter on " Red " pump to adapter on ground charging connection in pump bay, Port	1	—	PC	QR3	
	10-20 S 13887ND	PIPE, code No. 165, " Cooling," from adapter on " Green " pump adapter on ground charging connection in pump bay, Starboard (Mod. 546)	1	—	PC	QR3	
	10-20 S 14449ND	PIPE, code No. 190, " Red Pressure," from tee adapter in hydraulic trough, to 4-way adapter in hydraulic trough, Port	1	—	PC	QR1	
	13597	10-20 S 13471ND	PIPE, code No. 191, " Red Pressure " from non-return valve in hydraulic trough to tee adapter in hydraulic trough, Port	1	—	C	QR1
	13599	10-20 S 13473ND	PIPE, code No. 192, " Red Pressure " from adapter at charging point on rear firewall, to non-return valve in hydraulic trough, Port	1	—	C	QR1
	13601	10-20 S 13475ND	PIPE, code No. 193, " Green Pressure," from 4-way adapter in hydraulic trough to non-return valve in hydraulic trough, Starboard	1	—	C	QR2
	13600	10-20 S 13477ND	PIPE, code No. 194, " Green Pressure," from non-return valve in hydraulic trough to adapter on charging point on rear firewall in hydraulic trough, Starboard	1	—	C	QR2
		10-20 S 6513ND	PIPE, code No. 512, " Yellow Return " from tee adapter in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6525ND	PIPE, code No. 532, " Yellow Pressure " from tee adapter in hydraulic trough to tee adapter at rib No. 1, Port	1	—	PC	QR1	
	10-20 S 6471ND	PIPE, code No. 533, " Yellow Pressure " from tee adapter in hydraulic trough to joint at rib No. 1, Starboard	1	—	PC	QR2	
	10-20 S 6481ND	PIPE, code No. 534, " Yellow Pressure " from banjo on filter, to tee adapter in hydraulic trough, Starboard	1	—	PC	QR2	
	10-20 S 6449ND	PIPE, code No. 535, " Yellow Return " from tee adapter in hydraulic trough, to joint at rib No. 1, Starboard	1	—	PC	QR2	
	10-20 S 6479ND	PIPE, code No. 536, " Yellow Return " from adapter at rear firewall to tee adapter in hydraulic trough, Starboard	1	—	PC	QR2	
	10-20 S 6523ND	PIPE, code No. 542, " Blue Pressure " from tee adapter in hydraulic trough to tee adapter at rib No. 1, Port	1	—	PC	QR1	
	10-20 S 6485ND	PIPE, code No. 543, " Blue Pressure," from banjo on filter, to tee adapter in hydraulic trough, Port	1	—	PC	QR1	
	10-20 S 6469ND	PIPE, code No. 544, " Blue Pressure," from tee adapter in hydraulic trough, Port, to joint at rib No. 1, Starboard	1	—	PC	QR2	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M.	Plate No.
	10-20 S 6521ND	PIPE, code No. 547, "Blue Return" from tee adapter in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6501ND	PIPE, code No. 548, "Blue Return" from adapter at rear firewall, to tee adapter in hydraulic trough, Port	1	—	PC	QR1
	10-20 S 6467ND	PIPE, code No. 549, "Blue Return" from tee adapter in hydraulic trough, Port, to joint at rib No. 1, Starboard	1	—	PC	QR2
	10-20 S 6503ND	PIPE, code No. 550, "Blue Header Tank Bleed" from joint in hydraulic trough, to joint at rib No. 1, Port	1	—	PC	QR1
	10-20 S 6475ND	PIPE, code No. 550, "Blue Header Tank Bleed," from joint in hydraulic trough, Port, to joint at rib No. 1, Starboard	1	—	PC	QR2
16046	10-20 S 13411ND	PIPE, code No. 563, "Blue Suction" from tee adapter in hydraulic trough to joint at rib No. 1, Port	1	—	C	QR1
6494	10-20 S 6457ND	PIPE, code No. 564, "Yellow Suction" from adapter at rear firewall in hydraulic trough, to joint at rib No. 1, Starboard	1	—	C	QR2
16047	10-20 S 13409ND	PIPE, code No. 609, "Blue" suction, from tee-coupling in hydraulic trough, to suction adapter, Port	1	—	C	QR1
	10-20 S 13407ND	PIPE, code No. 610, "Blue" suction, from joint in hydraulic trough to tee-coupling, Port	1	—	PC	QR1
	10-20 S 13413ND	PIPE, code No. 611, "Blue" pressure, from flow indicator valve to adapter on hydraulic trough frame, Port	1	—	PC	QR1
27J/1231	INTEGRAL 180370	PUMP, hydraulic, Type 180 Mk. 37, "Blue" and "Yellow," in pump bay	2	—	P	QR3
375/12150	LUCAS HOD.2-2B OR HOD.SCH.4005/16	PUMP, hydraulic, "Green" and "Red," in pump bay (Pre Mod. 1031)	2	—	P	QR3
37J/12251	LUCAS HOD.100	PUMP, hydraulic, "Green" and "Red," in pump bay (Pre Mod. 1031)	2	—	P	QR3
		PUMP, hydraulic, "Green" and "Red," in pump bay (Mod. 1031 and Mod. 1520) (LUCAS-GTE Mod. 92243)	2	—	P	QR3
27QA/248	DOWTY SP.900/19	RING, sealing, "O" type, at charging adapters on "Green" and "Red" pumps and ripple suppressors in pump bay	4	—	C	QR3
28F/9428452	AGS.1186/A	SEAL, bonded, at pump seal drains in pump bay	5	—	C	
28F/9429532	AGS.1186/C	SEAL, bonded, for "Blue" and "Yellow" by-pass adapters at rear firewall, in trough; plugs, couplings, "Green" and "Red" magnetic filters, and "Blue" and "Yellow" pressure hoses at pumps in pump bay	12	—	C	
28F/9428455	AGS.1186/D	SEAL, bonded, for "Blue" and "Yellow" pressure and "Green" and "Red" charging adapters and filters at rear firewall in trough; "Green" and "Red" pressure hoses, ripple suppressors and "Blue" and "Yellow" pumps in pump bay	18	—	C	
28F/9434374	AGS.1186/E	SEAL, bonded, for "Blue" and "Yellow" suction hoses at pumps in pump bay	2	—	C	

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Ref. No.	Part No.	Description	No. off						Material Specification	Class of Store or L.M	Plate No.
			1	2	3	4	5	6			
28F/9428456	AGS.1186/F	SEAL , bonded, for " Blue " and " Yellow " suction adapters at rear firewall in trough and at charging adapters for " Green " and " Red " pumps in pump bay						4	—	C	
19217	10-20 S 8115A	STRAP , aft, mounting filter in hydraulic trough, assembly						2	—	C	QR3
	10-20 S 10559ND	LINING , strip, long, 1/8" thick						1	DTD.762	LM	QR3
	10-20 S 10557ND	LINING , strip, short, 1/8" thick						1	DTD.762	LM	QR3
	10-20 S 8117ND	STRAP , bare, 22 SWG						1	L.72	LM	QR3
	10-20 S 8113ND	WASHER , profile, large, 18 SWG						1	L.72	LM	QR3
	10-20 S 8111ND	WASHER , profile, small, 18 SWG						1	L.72	LM	QR3
		Attachments for 10-20 S 8115A, Strap :—									
28D/9133011	A25/2C	Bolt, 2 BA						1	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA						1	—	C	
	10-20 S 11463A	STRAP , forward, mounting filter in hydraulic trough, assembly						2	—	—	QR3
	10-20 S 11461ND	LINING , strip, long, 1/8" thick						1	DTD.762	LM	QR3
	10-20 S 11459ND	LINING , strip, short, 1/8" thick						1	DTD.762	LM	QR3
	10-20 S 11457ND	STRAP , bare, 22 SWG						1	L.72	LM	QR3
	10-20 S 8113ND	WASHER , profile, large, 18 SWG						1	L.72	LM	QR3
	10-20 S 8111ND	WASHER , profile, small, 18 SWG						1	L.72	LM	QR3
		Attachments for 10-20 S 11463A, Strap :—									
28D/9133011	A25/2C	Bolt, 2 BA						1	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA						1	—	C	
13654	10-20 S 13865A	STRAP , securing charging connector at ripple suppressor, Starboard only, assembly (Mod. 546)						1	—	P	QR3
		Spares for :—									
	10-20 S 13879ND	LINING , 1/8" thick						1	DTD.762	LM	QR3
		Attachments for 10-20 S 13865A, Strap :—									
28D/9133011	A25/2C	Bolt, 2 BA						1	—	C	
28M/9403520	A27/CP	Nut, 2 BA						1	—	C	
28W/9419475	SP.15/C	Washer						1	—	C	
11520	10-20 S 12805A	SUPPRESSOR , ripple, at " Green " and " Red " pumps in pump bay, assembly						2	—	C	QR3
	OR										
14059	10-20 S 12469	SUPPRESSOR , ripple, at " Green " and " Red " pumps in pump bay						2	—	C	QR3
		Attachments for 10-20 S 12805A or 10-20 S 12469, Suppressor :—									
5541	A.102.4E/DHS.514/D	Bolt, 1/2" UNF (Alternative S21:A102 4E)						4	—	C	QR3
11521	10-20 S 12823	Pad, throat						2	—	C	QR3
28W/9419405	SP.15/E	Washer						4	—	C	
26FN/3285	DHS.180 Mk. 3/X	TAG , chain attachment, for blanking caps at rear firewall and in pump bay						12	—	C	QR3
	10-20 S 8327A/ND	TUBE , drain, at " Green " and " Yellow " pumps in pump bay, assembly						1	—	—	QR3
28F/8011890	AGS.952/A	COLLAR , pipe						2	—	C	
	10-20 S 8325ND	COLLAR , 3/8" o/d x 22 SWG						1	DTD.253	LM	QR3
28F/9128936	AGS.904/A	SLEEVE , outer						2	—	C	
	10-20 S 8321ND	TUBE , 1/8" o/d x 22 SWG						1	DTD.253	LM	QR3
	10-20 S 8323ND	TUBE , 1/8" o/d x 22 SWG						1	DTD.253	LM	QR3
	10-20 S 8333A/ND	TUBE , drain, at " Red " and " Blue " pumps in pump bay, assembly						1	—	—	QR3
28F/8011890	AGS.952/A	COLLAR , pipe						2	—	C	
	10-20 S 8325ND	COLLAR , 3/8" o/d x 22 SWG						1	DTD.253	LM	QR3
28F/9128936	AGS.904/A	SLEEVE , outer						2	—	C	
	10-20 S 8329ND	TUBE , 1/8" o/d x 22 SWG						1	DTD.253	LM	QR3
	10-20 S 8331ND	TUBE , 1/8" o/d x 22 SWG						1	DTD.253	LM	QR3

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M.	Plate No.
28F/9439104	AGS.1105/C	UNION ADAPTER , pipe coupling, at "Blue" and "Yellow" pressure hose at pumps, in pump bay	2	—	C	
28F/11266	AGS.1105/D	UNION ADAPTER , pipe coupling, at "Green" and "Red" pressure hoses in hydraulic pump bay at rear firewall	2	—	C	
28F/9439103	AGS.1105/E	UNION ADAPTER , pipe coupling, at "Blue" and "Yellow" suction hoses at pumps, in pump bay	2	—	C	
6485	10-20 S 6429A	VALVE , non-return, on rear firewall in pump bay, for pressure hoses from "Red" and "Green" pumps Spares for :—	2	—	P	QR3
6594	AS.3390	PLUG	1	—	C	QR3
6593	AS.3392	SPRING	1	—	C	QR3
6592	AS.3391	VALVE , non-return	1	—	C	QR3
6595	AS.3393	WASHER , sealing	1	—	C	QR3
28D/9133011	A25/2C	Attachments for 10-20 S 6429A, Valve :—				
28M/10288	AGS.2001/C/1	Bolt, 2 BA	2	—	C	
28W/9419404	SP.16/C	Nut, 2 BA	2	—	C	
		Washer	2	—	C	
	10-20 S 6401A	VALVE , pressure charging, on rear firewall in pump bay, for "Blue" and "Yellow" pressure systems Spares for :—	2	—	—	QR3
6479	10-20 S 7641	BODY , valve	1	—	C	QR3
6480	10-20 S 1067	HOUSING , valve	1	—	C	QR3
28F/9434374	AGS.1186/E	SEAL , bonded	1	—	C	
6593	AS.3392	SPRING	1	—	C	QR3
6592	AS.3391	VALVE , non-return	1	—	C	QR3
28D/9133012	A25/3C	Attachments for 10-20 S 6401A, Valve :—				
28M/10288	AGS.2001/C/1	Bolt, 2 BA	2	—	C	
28W/9419404	SP.16/C	Nut, 2 BA	2	—	C	
		Washer	2	—	C	
371/1226	INTEGRAL 20000	VALVE , non-return, Type 200 at "Blue" and "Yellow" pumps, by-pass line, in pump bay	2	—	P	QR3
37Y/255	AS.3388	VALVE , non-return, in hydraulic trough for "Red" and "Green" pressure systems Spares for :—	2	—	C	QR1 QR2
6594	AS.3390	PLUG	1	—	C	QR1 QR2
6593	AS.3392	SPRING	1	—	C	QR1 QR2
6592	AS.3391	VALVE , non-return	1	—	C	QR1 QR2
6595	AS.3393	WASHER , sealing	1	—	C	QR1 QR2

SERVICES
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AND BETWEEN TROUGH FRAME AND SPECTACLE BEAM

Ref. No.	Part No.	Description	No. of	Material Specification	Class of Store or L.M.	Plate No.
	—	HYDRAULIC INSTALLATION BETWEEN TROUGH FRAME AND SPECTACLE BEAM (Drg. Nos. 10-20 S 14413, 10-20 S 3301A, 10-20 CF 1439) (Mod. 216)	1	—	—	
6674	10-20 S 3385	ADAPTER , block, three pipe, for arrester hook pipes passing through spectacle beam, assembly Spares for :—	1	—	C	QR4
	10-20 S 3387	ADAPTER , 3-way, centre, fixing	1	S.110	—	QR4
	10-20 S 3389	ADAPTER , 3-way, upper and lower, fixing ...	2	S.110	—	QR4
11903	10-20 S 12331	PLATE , mounting, 10 SWG	1	—	C	QR4
		Attachments for 10-20 S 3385, Adapter :—				
28M/673	AGS.207/B	Nut, 1/2" BSP	3	—	C	
28W/9419469	SP.13/P	Washer	3	—	C	
6675	10-20 S 3479A	ADAPTER , drain, on Starboard side of Rib "O," for drain pipe from throttling valve sealing box, assembly Attachments for 10-20 S 3479A, Adapter :—	1	—	C	QR4
28D/1011333	A26/1B	Bolt, 4 BA	1	—	C	
	10-20 S 14905	Gasket, 3/8" thick	1	DTD.762	LM	QR4
	10-20 S 3557	Gasket, elliptical, 1/8" thick	1	DTD.762	LM	QR4
28M/9488785	AGS.207/D	Nut, 1/2" BSP	1	—	C	
28M/10297	AGS.2001/B/2	Nut, 4 BA	1	—	C	
6676	10-20 S 3587	Spacer	1	—	C	QR4
28W/14456	SP.11/B	Washer	1	—	C	
	10-20 S 7051	BLOCK , clamp, half, for flap pipes, secured to rib "O," aft of access cover Attachments for 10-20 S 7051, Block, (Per pair) :—	2	LFS.21, 23 or 26	LM	QR4
	10-20 S 3111	Block, packing	1	LFS.21, 23 or 26	LM	QR4
28D/9435710	A25/11C	Bolt, 2 BA	1	—	C	
28D/10168	AS.1242/11C	Bolt, 2 BA	1	—	C	
	10-20 S 1787	BLOCK , clamp, half, for flap pipes, secured to rib "O," at access cover, and on diagonal stiffener Attachments for 10-20 S 1787, Block (Per pair) :—	4	LFS.21, 23 or 26	LM	QR4
	10-20 S 21125	Block, packing (at access cover)	1	LFS.21, 23 or 26	LM	QR4
28D/1200119	A25/4C	Bolt, 2 BA (at stiffener)	2	—	C	
28D/9435710	A25/11C	Bolt, 2 BA (at access cover)	2	—	C	
	10-20 S 3517	BLOCK , clamp, half, securing arrester hook and drain pipes, forward of throttling valve sealing box, at at bottom cowling frames Attachments for 10-20 S 3517, Block (Per pair) :—	6	LFS.21, 23 or 26	LM	QR4
28D/1010030	A25/7C	Bolt, 2 BA	2	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA (at floating clamp)	2	—	C	
	10-20 S 10127	BLOCK , clamp, half, securing arrester hook pipes to rib "O" above sealing box drain adapter Attachments for 10-20 S 10127, Block (Per pair) :—	2	LFS.21, 23 or 26	LM	QR4
28D/1200119	A25/4C	Bolt, 2 BA	2	—	C	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or LM	Place No.
	10-20 S 13441	BLOCK , clamp, half, floating, securing air ram turbine pipes, at rib "O," Port, (Mod. 216)	2	LFS.21, 23 or 26	LM	QR5
28D/7002428	A25/6C	Attachments for 10-20 S 13441, Block (Per pair) :—				
28M/10288	AGS.2001/C/1	Bolt, 2 BA	1	—	C	
		Nut, 2 BA	1	—	C	
14456	10-20 E 5105	BUSH , half, for use with pipe clips on rib "O," Port (Mod. 216)	12	—	C	QR5
19779	10-20 S 21499	CLAMP , flap ram hose support, bottom half (Mod. 1387, Pre Mod. 1487)	3	—	C	QR4
19778	10-20 S 21497	CLAMP , flap ram hose support, top half (Mod. 1387, Pre Mod. 1487)	3	—	C	QR4
		Attachments for 10-20 S 21499 and 10-20 S 21497, Clamp (Per pair) :—				
28D/1008149	A25/2B	Bolt, 4 BA	2	—	C	
14455	10-20 E 5141	CLIP , pipe, securing pipes on rib "O," Port (Mod. 216)	6	—	C	QR5
		Attachments for 10-20 E 5141, Clips (Per pair) :—				
28D/7002428	A25/6C	Bolt, 2 BA	1	—	C	
28D/9133011	A25/2C	Bolt, 2 BA (centre pair only)	1	—	C	
	AS.2806/4/030	Tube, distance, $\frac{1}{2}$ " o/d x 22 SWG x 0".30 long (For forward and aft clips)	1	T.45	LM	
16044	10-20 S 14959	CONNECTOR , for " Blue suction and pressure pipes at spectacle beam, Port (Mod. 216)	2	—	C	QR5
		Attachments for 10-20 S 14959, Connector :—				
28M/9146069	AGS.207/C	Nut, union, $\frac{1}{2}$ " BSP	1	—	C	
9927	DHS.783/44/18	Washer, sealing	1	—	C	QR5
	10-20 S 10461	FAIRLEAD , half, at lower cowling frame at rib "O"	1	LFS.21, 23 or 26	LM	QR4
	10-20 S 10463	FAIRLEAD , half, at lower cowling frame at rib "O"	1	LFS.21, 23 or 26	LM	QR4
		Attachments for 10-20 S 10461 or 10-20 S 10463, Fairlead :—				
28D/1200119	A25/4C	Bolt, 2 BA	3	—	C	
	10-20 S 3561	FAIRLEAD , half, secured to flap ram hose sealing box, at rib "O"	2	LFS.21, 23 or 24	LM	QR4
		Attachments for 10-20 S 3561, Fairlead :—				
28D/9133011	A25/2C	Bolt, 2 BA	4	—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA	4	—	C	
	10-20 S 3321	FAIRLEAD , half, secured to throttling valve sealing box at spectacle beam	2	LFS.21, 23 or 26	LM	QR4
		Attachments for 10-20 S 3321, Fairlead (Per pair) :—				
28D/9133011	A25/2C	Bolt, 2 BA	8	—	C	
	10-20 S 7003	FAIRLEAD , half, secured to top of throttling valve sealing box on rib "O"	2	LFS.21, 23 or 26	LM	QR4
		Attachments for 10-20 S 7003, Fairlead (Per pair) :—				
28D/9133011	A25/2C	Bolt, 2 BA	4	—	C	

SERVICES
HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH
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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M.	Plate No.
	10-20 S 12979	FAIRLEAD , half, top, on trough frame, rib "O," Port (Mod. 216)	1	LFS.21, 23 or 26	LM	QR5
	10-20 S 12981	FAIRLEAD , half, bottom, on trough frame, rib "O," Port (Mod. 216)	1	LFS.21, 23 or 26	LM	QR5
		Attachments for 10-20 S 12979 or 10-20 S 12981, Fairlead :—				
28D/1200119	A25/4C	Bolt, 2 BA	3	—	C	
5656	10-20 S 3235A	HOSE , pressure, for flap jack, in "Green" and "Red" systems, on rib "O" (Pre Mod. 1487)	2	—	C	QR4
5657	10-20 S 3237A	HOSE , common return, for flap jack, in return system, on rib "O" (Pre Mod. 1487)	1	—	C	QR4
20125	10-20 S 21587	HOSE , pressure, for flap jack, in "Green" and "Red" systems, on rib "O" (Mod. 1487)	2	—	C	QR4
20126	10-20 S 21585	HOSE , common return, for flap jack, in return system, on rib "O" (Mod. 1487)	1	—	C	QR4
		Attachments for 10-20 S 3235A, 10-20 S 3237A, 10-20 S 21585 or 10-20 S 21587, Hose :—				
28D/9436920	A25/1C	Bolt, 2 BA	2	—	C	
27M/967	LOCKHEED AIR.47132	JACK , flap operating, at rib "O" (Mod. 1302) ... (For spares see AP.4515F, Vol. 3, Pt. 1, Sect. 2, Chap. 23)	1	—	P	QR4
		Attachments for AIR.47132, Jack :—				
28M/9129449	A27/LS	Nut, $\frac{7}{16}$ " BSF	1	—	C	
7039	10-20 CF 1005	Pin, special, $\frac{7}{16}$ " BSF	1	—	C	QR4
28P/9429625	SP.9/E10	Pin, split	1	—	C	
7040	10 CF 2799	Sleeve	1	—	C	QR4
28W/9419467	SP.13/L	Washer	1	—	C	
		(NOTE :—For attachments at fork-end, see sub-section CE)				
28F/8011886	AGS.1142/D	NIPPLE , adapter, pipe coupling, for throttling valve sealing box drain pipe, at rib "O"	1	—	C	
28F/14529	AGS.1170/C	NIPPLE , pipe coupling, for connectors at spectacle beam, Port (Mod. 216)	2	—	C	
16512	10-20 S 14891ND	PIPE , code No. 71, "Common Return," from adapter at spectacle beam to tee adapter in hydraulic trough (Mod. 836)	1	—	C	QR4
16511	10-20 S 15095ND	PIPE , code No. 73, "Common Return," flaps, from adapter at spectacle beam to hose joint in flap ram sealing box, rib "O" (Mod. 836)	1	—	C	QR4
6682	10-20 S 3391ND	PIPE , code No. 74, "Red Pressure," from adapter on throttling valve, rib "O," to hose joint in flap ram sealing box	1	—	C	QR4
6679	10-20 S 3397ND	PIPE , code No. 75, "Red Pressure," from adapter at spectacle beam to adapter on throttling valve, rib "O"	1	—	C	QR4

**SERVICES
HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH
AND BETWEEN TROUGH FRAME AND SPECTACLE BEAM**

Ref. No.	Part No.	Description	No. off	Material Specification	Class of Score or L.M.	Plate No.
6680	10-20 S 3395ND	PIPE, code No. 76, "Green Pressure," from adapter on throttling valve, rib "O," to hose joint in flap ram sealing box	1	T.55	C	QR4
6678	10-20 S 3401ND	PIPE, code No. 77, "Green Pressure," from adapter at spectacle beam to adapter on throttling valve, rib "O"	1	T.55	C	QR4
6684	10-20 S 3409ND	PIPE, code No. 86, "Red Pressure" to arrester hook, from adapter at spectacle beam to joint in hydraulic trough	1	T.55	C	QR4
6685	10-20 S 3411ND	PIPE, code No. 89, "Green Pressure" to arrester hook, from adapter at spectacle beam to joint in hydraulic trough	1	T.55	C	QR4
	10-20 S 14963ND	PIPE, code No. 610, "Blue Suction," from adapter at trough frame, rib "O," Port, to connector on spectacle beam (Mod. 216)	1	DTD.323	PC	QR5
	10-20 S 14961ND	PIPE, code No. 611 "Blue Pressure," from adapter at trough frame, rib "O," Port, to connector on spectacle beam (Mod. 216)	1	DTD.323	PC	QR5
6677	10-20 S 3403ND	PIPE, drain, from throttling valve sealing box, rib "O," to adapter on rib "O"	1	DTD.743	C	QR4
6686	10-20 S 3383ND	PIPE, drain, from adapter on rib "O," to fairlead at hydraulic trough frame	1	DTD.743	C	QR4
12026	DHS.180.Mk.1/Z	TAG, attachment, for wire locking couplings at drain adapter, rib "O"	2	—	C	QR4
27Q/1774	DOWTY C.8636.Y	VALVE, throttling, in sealing box on rib "O," at spectacle beam, for flap pipe lines (For spares see AP.4515B, Vol. 3, Pt. 1, Sect. 2, Chap. 22)	2	—	P	QR4
	10-20 S 3553	Attachments for C.8636.Y, Valve :— Block, base	1	LFS.21, 23 or 26	LM	QR4
	10-20 S 3551	Block, clamp	1	LFS.21, 23 or 26	LM	QR4
28D/12536	A25/13C	Bolt, 2 BA	2	—	C	
	10-20 S 1799A	Strap, assembly...	1	—	—	QR4
	10-20 S 3651ND	Block, packing	1	LFS.23	LM	QR4
	10-20 S 2685ND	Lining, for strap, 1/8" thick	2	DTD.762	LM	QR4
	10-20 S 2687ND	Lining, for block, 1/8" thick	2	DTD.762	LM	QR4
	10-20 S 2695ND	Strap, bare, 20 SWG	1	L.72	LM	QR4
	10-20 S 2691ND	Washer, support, 16 SWG	2	L.72	LM	QR4

SERVICES
HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH
AND BETWEEN TROUGH FRAME AND SPECTACLE BEAM

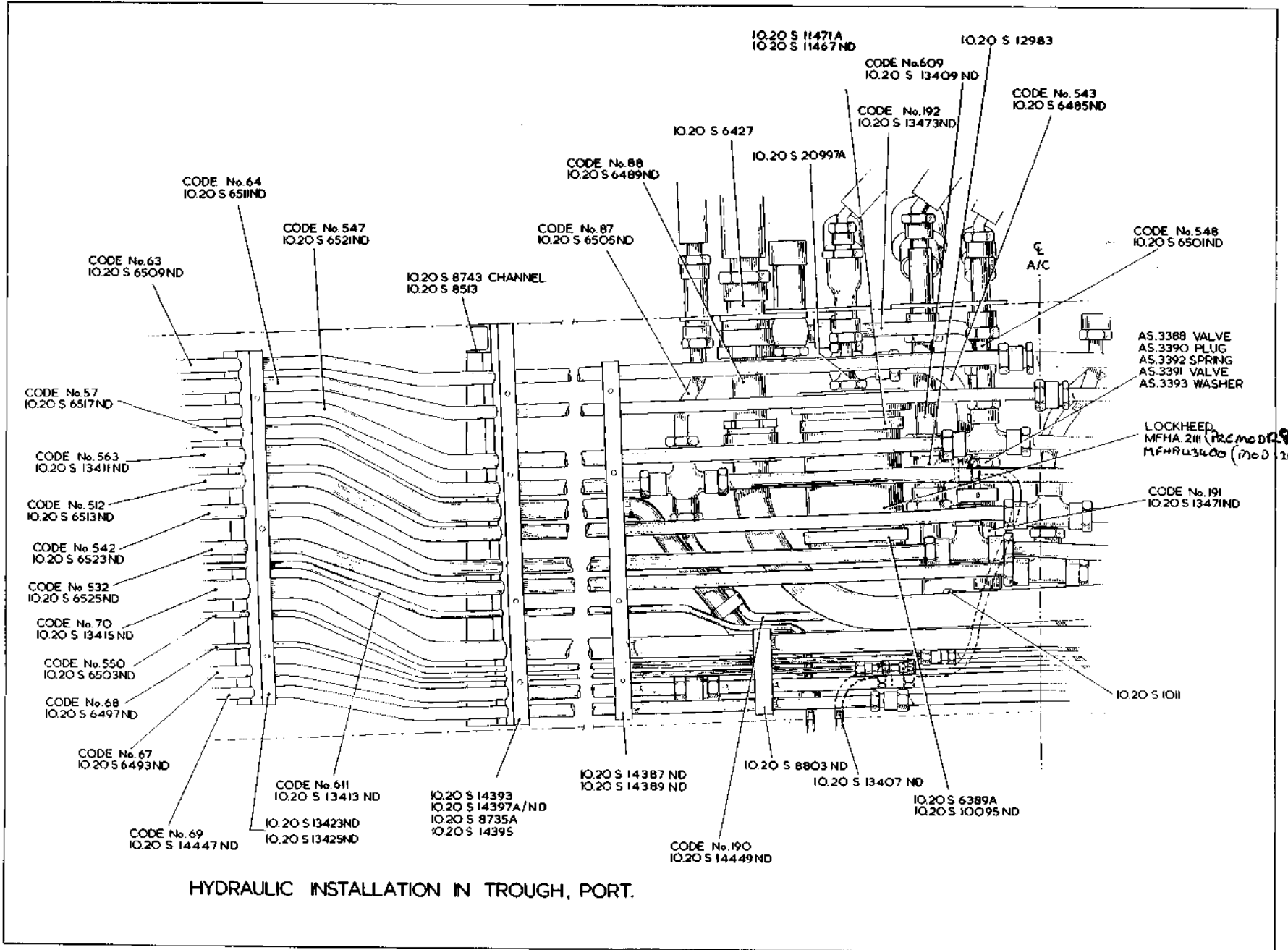
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QR.1

SERVICES
HYDRAULIC INSTALLATION IN PUMP
BAY AND TROUGH

RESTRICTED

QR.1
[AL-38]

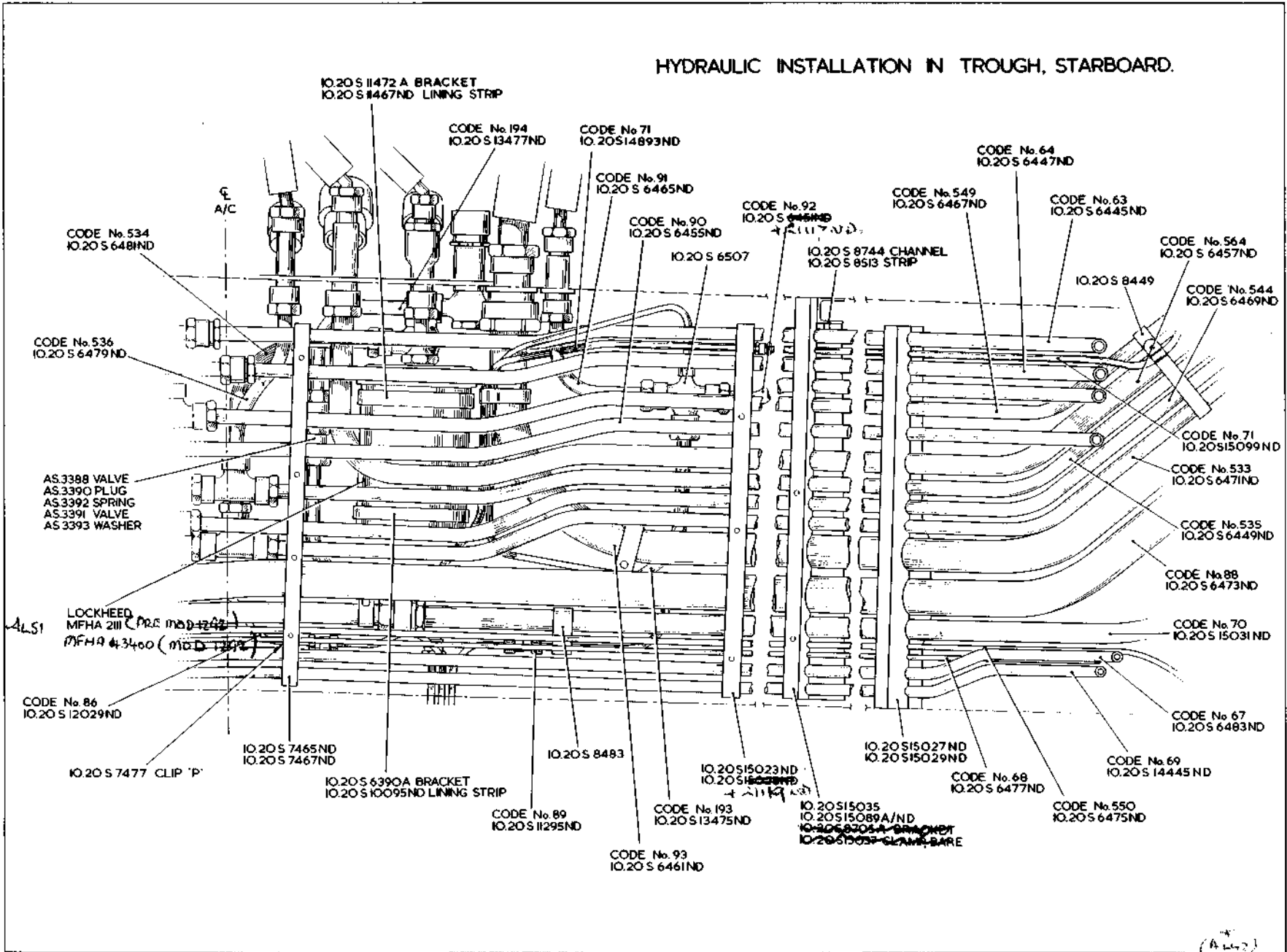


See Vixen Mk. I

RESTRICTED

Plate QR1

HYDRAULIC INSTALLATION IN TROUGH, STARBOARD.



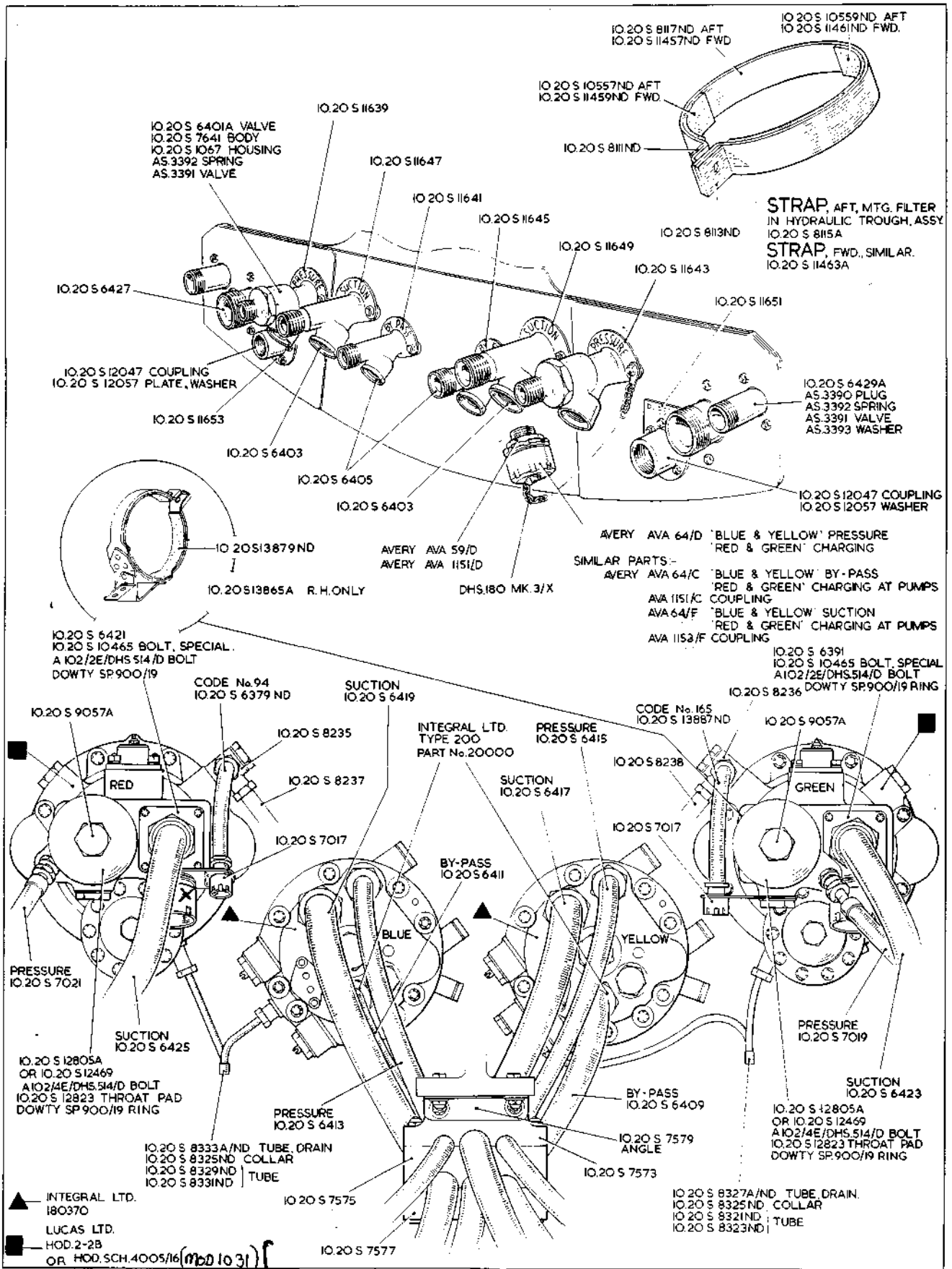
QR.2

SERVICES
HYDRAULIC INSTALLATION IN PUMP
BAY AND TROUGH

RESTRICTED

QR.2
[AL.35]

(A. 1142)



QR.3

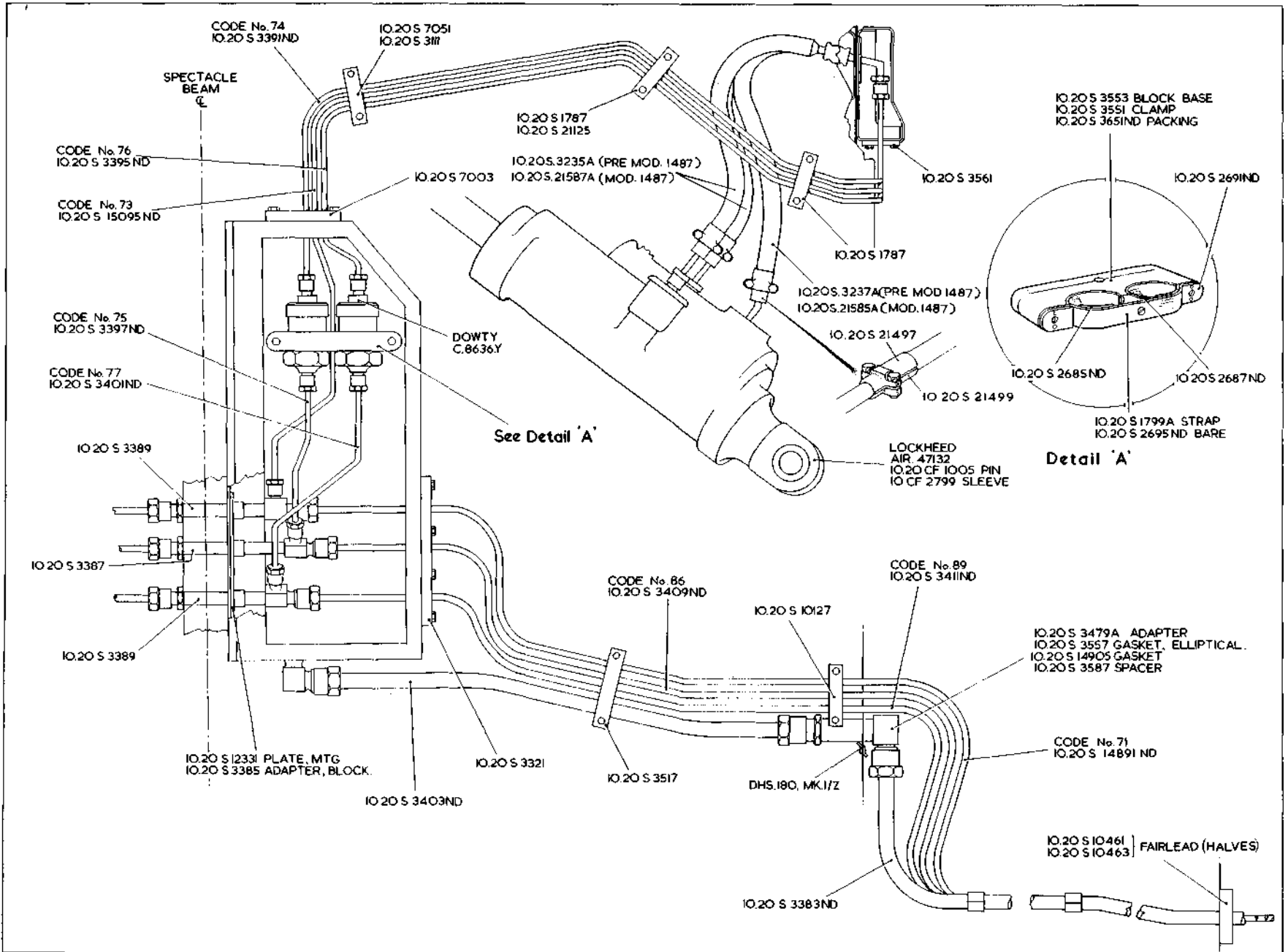
SERVICES HYDRAULIC INSTALLATION IN PUMP BAY AND TROUGH

QR.3

AL.351

QR.4
SERVICES
HYDRAULIC INSTALLATION IN PUMP
BAY AND TROUGH

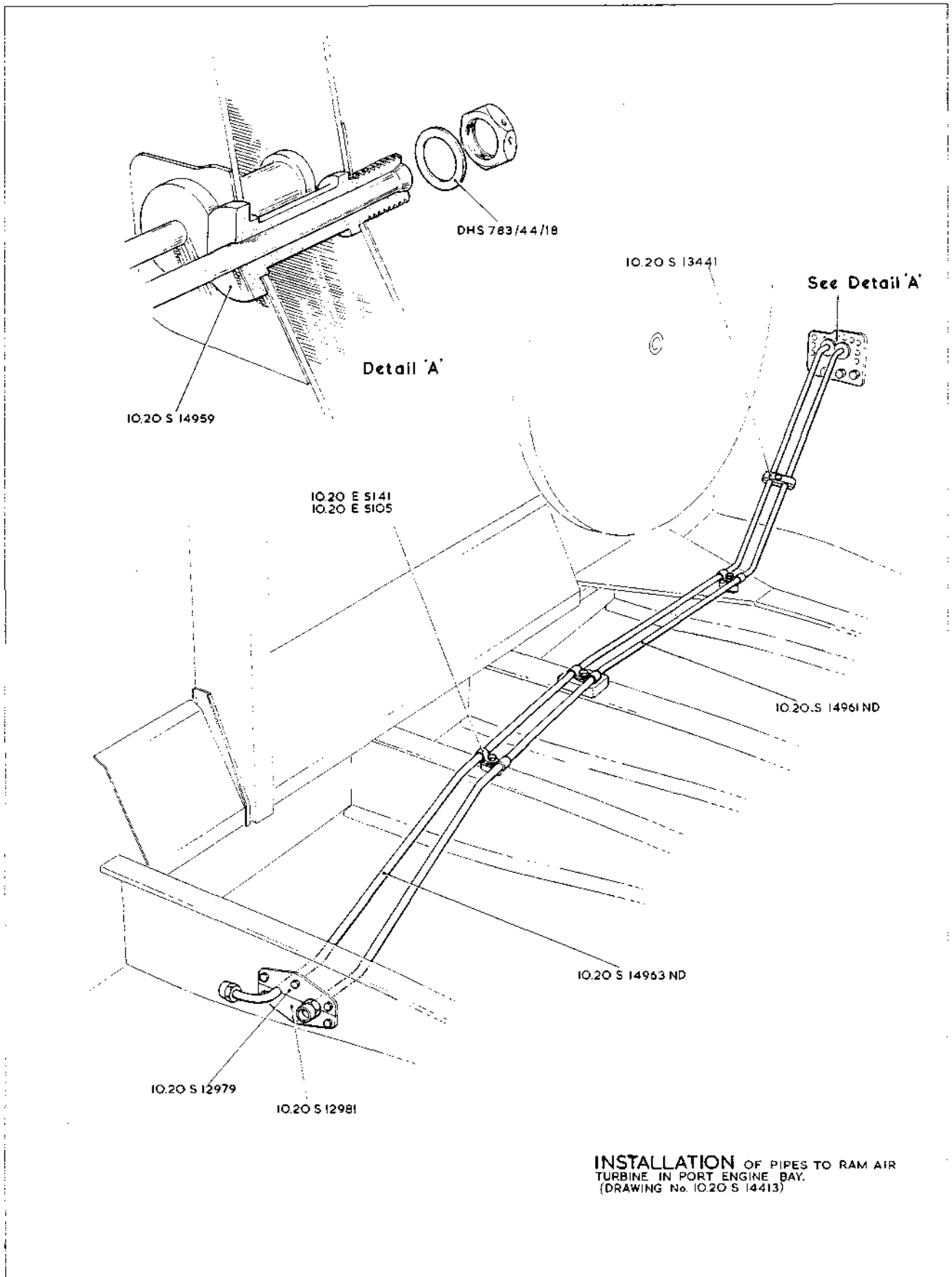
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See Vixen Mk. 1

RESTRICTED

Plate QR.4



QR.5

SERVICES
HYDRAULIC INSTALLATION IN PUMP
BAY AND TROUGH

QR.5
[A-28]

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