

RESTRICTED

Avon 208

SECTION 3

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AVON 20801 ENGINE CHANGE UNIT

A, L, 6

| REF. No. | PART No. | | | | | | DESCRIPTION | No. OFF | MATL. SPEC. | M.R. C.L. of ST. | PL. ILL. |
|----------|------------------|---|---|---|---|--|-------------|---------|-------------|------------------|----------|
| | | 1 | 2 | 3 | 4 | 5 | | | | | |
| | | | | | | AVON 20801 ENGINE CHANGE UNIT Complete as follows - | 1 | | | | |
| - | - | | | | | AVON 208 ENGINE (As shown in section one) | | | | | |
| - | 10. 20V 2475 | | | | | Adaptor, cabin pressurising connection | 1 | - | - | - | |
| - | 10. 20E 8019 | | | | | Adaptor, 8" stage pressure (Mod 2602) | 1 | - | - | - | |
| - | 10. 20V 2475 | | | | | Adaptor, air blast rain shedding connection (Mod 2296) | 1 | - | - | - | |
| - | 10. 20E 4915 | | | | | Block, adaptor, header tabk pressurising connection (Mod 1580) | 1 | - | - | - | |
| - | A 25 7 C | | | | | Bolt, 2 B.A. x 1.150" long, fireproof bulkhead | 6 | - | - | - | |
| - | A, S, 1246 1C | | | | | Bolt, firewire terminal to bracket | 2 | - | - | - | |
| - | A 25 1C | | | | | Bolt, bulkhead to bracket drain pipe (Mod 2081) | 1 | - | - | - | |
| - | A 26-36 | | | | | Bolt, drain pipe union to bulkhead (Mod 1632) | 2 | - | - | - | |
| - | 10. 20 E 5177 | | | | | Bracket, mounting, drain pipe clip bulkhead to bracket | 1 | - | - | - | |
| - | 10. 20 E 5709 | | | | | Bracket, firewire clip (Mod 2081) | 1 | - | - | - | |
| - | 10. 20 E 5769 | | | | | Bracket, mounting, drain pipe unions (Mod 2364) | 1 | - | - | - | |
| - | 10. 20 E 5105 | | | | | Bush, split, drain pipe clip (Mod 1632) | 2 | - | - | - | |
| - | 10. 20 E 5173 | | | | | Bush, split, drain pipe clip | 2 | - | - | - | |
| - | 10. 20 E 5141 | | | | | Clip, drain pipe to combined drains block to bulkhead (Mod 1632) | 1 | - | - | - | |
| - | 10. 20 E 5175 | | | | | Clip, drain pipe to bulkhead bracket (Mod 1632) | 1 | - | - | - | |

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| REF. No. | PART No. | | | | | | DESCRIPTION | No. OFF | MATL. SPEC. | M.R. C.L. of ST. | PL. ILL. N |
|------------|-----------|---|---|---|---|---|---|---------|-------------|------------------|------------|
| | | 1 | 2 | 3 | 4 | 5 | | | | | |
| - | D2447 | | | | | | Coupling, firewire (Mod 2364) | 3 | - | P | - |
| - | 10, 20E | | | | | | Elbow, wheelcase breather | 1 | - | - | - |
| - | 3193A | | | | | | | | | | |
| - | 10, 20E | | | | | | Duct, rear bearing cooling air outlet | 2 | - | - | - |
| 26F7/14471 | 4413A | | | | | | | | | | |
| - | 10, 20E | | | | | | Duct, compressor vent seal outlet (Mod 1632) | 1 | - | - | - |
| - | 55113A | | | | | | | | | | |
| - | 10, 20E | | | | | | FIREPROOF BULKHEAD - ASSEMBLY (MOD 2364) | 1 | - | - | - |
| - | 5759A | | | | | | | | | | |
| - | 10, 20E | | | | | | SEGMENT LOWER L.H. - ASSEMBLY | 1 | - | - | - |
| - | 5763 | | | | | | | | | | |
| - | 10, 20E | | | | | | SEGMENT, LOWER R.H. - ASSEMBLY | 1 | - | - | - |
| - | 5761 | | | | | | | | | | |
| - | 10, 20E | | | | | | SEGMENT, TOP - ASSEMBLY | 1 | - | - | - |
| - | 2411 | | | | | | | | | | |
| - | D2370/60 | | | | | | Firewire 5 feet long (Mod 2364) | 2 | - | C | - |
| - | D2370/120 | | | | | | Firewire 10 feet long (Mod 2364) | 3 | - | C | - |
| 6A/4802 | - | | | | | | GENERATOR, TACHOMETER (KELVIN & HUGHES Mark 12) or (ELLIOT 3C, 560)(Mod 1834) | 1 | - | P | - |
| - | SP C 13C | | | | | | Nut, fireproof bulkhead bolts | 6 | - | - | - |
| - | A 27 CT | | | | | | Nut, 2 B.A. firewire terminal to bracket | 2 | - | - | - |
| - | 10, 20E | | | | | | Nut, drain pipe clip to drain block (Mod 2364) | 2 | - | - | - |
| - | 5035 | | | | | | | | | | |
| - | 10, 20E | | | | | | Nut, double ended union to bracket (Mod 1632) | 1 | - | - | - |
| - | 4503 | | | | | | | | | | |
| - | 10, 20E | | | | | | Nut, union to bracket (Mod 1632) | 1 | - | - | - |
| - | 4799 | | | | | | | | | | |
| - | AGS2001 | | | | | | Nut, drain pipe unit to bulkhead (Mod 1632) | 2 | - | - | - |
| - | 62 | | | | | | | | | | |
| - | 10, 20E | | | | | | PIPE, DRAIN BULKHEAD TO BRACKET - ASSEMBLY (MOD 1632) | 1 | - | - | - |
| - | 4669 | | | | | | | | | | |
| - | 10, 20E | | | | | | PIPE, COMBINED DRAIN BLOCK TO BULKHEAD - ASSEMBLY (MOD 1632) | 1 | - | - | - |
| - | 4587A | | | | | | | | | | |

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AVON 20801 ENGINE CHANGE UNIT

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| REF. No. | PART No. | | | | | | DESCRIPTION | No. OFF | MATL. SPEC. | M.R. C.L. of ST. | PL. ILL. N |
|------------|-----------------|---|---|---|---|---|--|-----------|-------------|------------------|------------|
| | | 1 | 2 | 3 | 4 | 5 | | | | | |
| - | 10.20E 4655 | | | | | | PIPE, COMBUSTION DRAIN VALVE TO BRACKET - ASSEMBLY (MOD 1632) | 1 | - | - | - |
| 36VV/14573 | BA78216 | | | | | | Plate, E.C.U. identification | 1 | - | P | - |
| - | 10.20E 2447 | | | | | | Seal, fireproof bulkhead rear | 1 | Rubber | - | - |
| 37L/338 | EC7/1 | | | | | | Shaft, gearbox drive lower portion | 1 | - | P | - |
| 5CZ/5281 | - | | | | | | Terminal, firewire | 2 | - | C | - |
| - | - | | | | | | Tape, glass fibre (Scotch Boy No. 27) .750" wide | as rqd | FBRGLS | C | - |
| - | 10.20S 20453 | | | | | | Tube, guide (Mod 2296) | 1 | - | - | - |
| | | | | | | | Air blast rain shedding | 1 | - | - | - |
| | | | | | | | Cabin pressurising | 1 | - | - | - |
| - | 10.20E 4601A | | | | | | Union, plate and sealing ring, bulkhead to bracket drain pipe (Mod 1632) | 1 | - | - | - |
| - | 10.20E 4485 | | | | | | Union, double ended, bulkhead to bracket drain pipe (Mod 1632) | 1 | - | - | - |
| - | 10.20E 4667 | | | | | | Union, double ended, combustion pipe (Mod 1632) | 1 | - | - | - |
| - | SP 14 C | | | | | | Washer, drain pipe to bulkhead bolt (Mod 1632) | 2 | - | - | - |
| - | SP 13C | | | | | | Washer, drain pipe clip (Mod 2364) | 2 | - | - | - |
| - | SP 14U | | | | | | Washer, drain, pipe union (Mod 1632) | 1 | - | - | - |
| - | 10.20E 4801 | | | | | | Washer, drain pipe union | 1 | - | - | - |
| - | CB 1 | | | | | | Washer, 2 B.A. fireproof bulkhead bolts | 6 | - | - | - |
| - | D952 | | | | | | Washer, sealing, firewire connections | 14 | - | - | - |
| - | SP 47C | | | | | | Washer, spring firewire terminal nut | 2 | - | - | - |
| - | 10.20E 8021 | | | | | | Washer, sealing, 8th stage adaptor (Mod 2602) | 1 | - | - | - |

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A.L. 5

| | | | | | |
|------------|------------|--|---|---|---|
| 50Z/5255 | D.826* | Coupling, firewire (Pre-Mod.2415) | 4 | - | P |
| | D.2291 | Coupling, firewire (Mod.2415) | 4 | - | P |
| | 10.20E.) | Elbow, wheelcase breather | 1 | - | |
| | 3193A) | | | | |
| | 10.20E.) | Duct, rear bearing cooling air | 2 | - | |
| | 4413A) | outlet | | | |
| 26F7/14471 | 10.20E.) | Duct, compressor vent seal | 1 | - | |
| | 5113A) | outlet (Mod.1632) | | | |
| | 10.20E.) | FIREPROOF BULKHEAD - ASSEMBLY | 1 | - | |
| | 5711A) | (MOD.2081) | | | |
| | 10.20E.) | SEGMENT LOWER L.H. - ASSEMBLY | 1 | - | |
| | 571BA) | | | | |
| | 10.20E.) | SEGMENT, LOWER R.H. - ASSEMBLY | 1 | - | |
| | 5715A) | | | | |
| | 10.20E.) | SEGMENT, TOP - ASSEMBLY | 1 | - | |
| | 2411) | | | | |
| 50Z/5253 | D.989* | Firewire 18".000 long (Pre-Mod.2415) | 1 | - | C |
| | D.2369/20 | Firewire 20".000 long (Mod.2415) | 1 | - | C |
| | D.938* | Firewire 4 feet long (Mod.2081) | 2 | - | C |
| | | (Pre-Mod.2415) | | | |
| | D.2369/60 | Firewire 5 feet long (Mod.2415) | 2 | - | C |
| 50Z/5251 | D.939* | Firewire 120.000" long (Pre-Mod.2415) | 3 | - | C |
| | D.2369/120 | Firewire 10 feet long (Mod.2415) | 3 | - | C |
| 6A/4802 | - | GENERATOR, TACHOMETER (KELVIN & HUGHES | 1 | | P |
| | | Mark 12) or (ELLIOT 3C.560) | | | |
| | | (MOD.1834) | | | |
| | SP.C.13C | Nut, fireproof bulkhead bolts | 6 | - | |
| | A.27.CT | Nut, 2 B.A. | - | - | |
| | | Firewire clips | | | |
| | | Firewire terminal to bracket | 2 | | |
| | 10.20E.) | Nut, drain pipe clip to drain block | 4 | - | |
| | 5035) | and firewire clip (Mod.2081) | | | |
| | 10.20E.) | Nut, double ended union to bracket | 1 | - | |
| | 4503) | (Mod.1632) | | | |
| | 10.20E.) | Nut, union to bracket | 1 | - | |
| | 4799) | (Mod.1632) | | | |
| | AGS.2001) | Nut, drain pipe union to bulkhead | 2 | - | |
| | 62) | (Mod.1632) | | | |
| | 10.20E.) | PIPE, DRAIN BULKHEAD TO BRACKET - | 1 | - | |
| | 4669) | ASSEMBLY (MOD.1632) | | | |
| | 10.20E.) | PIPE, COMBINED DRAIN BLOCK TO BULKHEAD | 1 | - | |
| | 4587A) | - ASSEMBLY (MOD.1632) | | | |

| | | | | | |
|---------------------|---------------------|--|------------|-------------|---|
| | 10.20E) 4655) | PIPE, COMBUSTION DRAIN VALVE TO BRACKET - ASSEMBLY (MOD.1632) | 1 | - | |
| 14573 | EA.78216 | Plate, E.C.U. identification | 1 | - | P |
| | 10.20E) 2447) | Seal, fireproof bulkhead rear | 1 | Rubber | |
| 37L/338 5CZ/5281 | EC.7/1 | Shaft, gearbox drive lower portion | 1 | - | P |
| | - | Terminal, firewire | 2 | - | C |
| | - | Tape, glass fibre (Scotch Boy No.27) .750" wide | as reqd | Fibre G. | C |
| | 10.20S) 20453) | Tube, guide (Mod.2296) | | | |
| | | Air blast rain shedding | 1 | - | |
| | | Cabin pressurising | 1 | - | |
| | 10.20E) 4601A) | Union, plate and sealing ring, bulkhead to bracket drain pipe (Mod.1632) | 1 | - | |
| | 10.20E) 4485) | Union, double ended, bulkhead to bracket drain pipe (Mod.1632) | 1 | - | |
| | 10.20E) 4667) | Union, double ended, combustion pipe (Mod.1632) | 1 | - | |
| | SP.14.C | Washer, drain pipe to bulkhead bolt (Mod.1632) | 2 | - | |
| | SP.16.C | Washer, drain pipe clip screw (Mod.1632) | 1 | - | |
| | SP.13.C | Washer, drain pipe clip and firewire clip (Mod.2081) | 4 | - | |
| | SP.14.U | Washer, drain pipe union (Mod.1632) | 1 | - | |
| | 10.20E) 4801) | Washer, drain pipe union | 1 | - | |
| | C.B.1 | Washer, 2 B.A. fireproof bulkhead bolts | 6 | - | |
| | D.952 | Washer, sealing, firewire connections | 14 | - | |
| | SP.47C | Washer, spring | - | - | |
| | | Firewire clip nuts | 12 | | |
| | | Firewire terminal nut | 2 | | |
| | 10.20E) 8021) | Washer, sealing, 8th stage adaptor (Mod.2602) | 1 | | |

TRANSPORTATION PARTS

| | | | | | |
|-----------|-----------|---|---|---------------|---|
| 17661 | D.14560 | Cap, dust, header tank pressurising connection (Mod.1580) | 1 | Alum | |
| 17639 | D.9143 | Cap, blanking, combustion drain valve union (Mod.1632) | 1 | Alum or Brass | |
| 36DT/1646 | E.48587 | Cap, blanking, combined drain block union (Mod.1632) | 1 | Alum or Brass | |
| 13633 | RK.17361 | Cover, cooling air outlet duct | 1 | Plastic | P |
| 13653 | BA.88033 | Cover, | - | Plastic | P |
| | | Wheelcase breather elbow | 1 | | |
| | | Cabin pressurising connection | 1 | | |
| 14572 | BA.22411 | Plug, blanking | 1 | St.Stl | P |
| 14575 | BA.91110* | Plug, blanking compressor seal outlet (Pre-Mod.1872) | 8 | Rubber | P |
| 18357 | BR.24896* | Plug, blanking compressor seal outlet (Mod.1872) (Pre-Mod.2095) | 8 | Rubber | P |
| 19099 | BR.32795 | Plug, blanking compressor seal outlet (Mod.2095) | 8 | Rubber | P |
| 13653 | BA.88033 | Cover, air blast rain shedding connection (Mod.2296) | 1 | Plastic | P |

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A.L.4

| REF. No. | DESCRIPTION | No. OFF | MATL. SPEC | M.R. CL. of ST. | PL. & ILL. No. |
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