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# PARTS LIST

**WESTERBEKE**

**46**

**Marine Diesel Engine**

**15.0 BTD - 60 Hz**

**12.0 BTD - 50 Hz**

**Marine Diesel Generators**

**Publication # 34908**

**Edition Two**

**August 1991**



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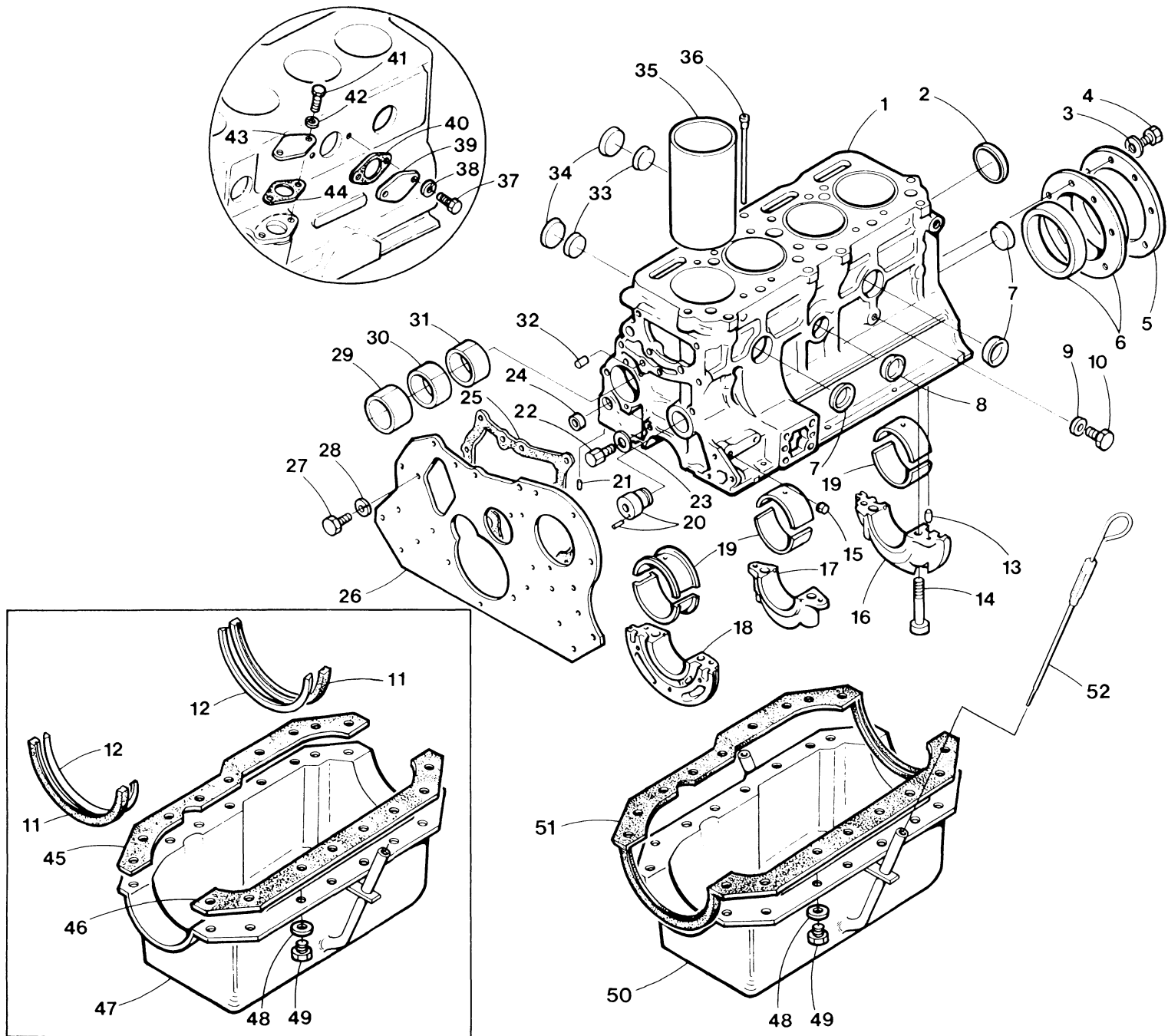
## MODEL 46 PROPULSION ENGINE

15.0 BTD GENERATOR - 60 HERTZ

12.0 BTD GENERATOR - 50 HERTZ

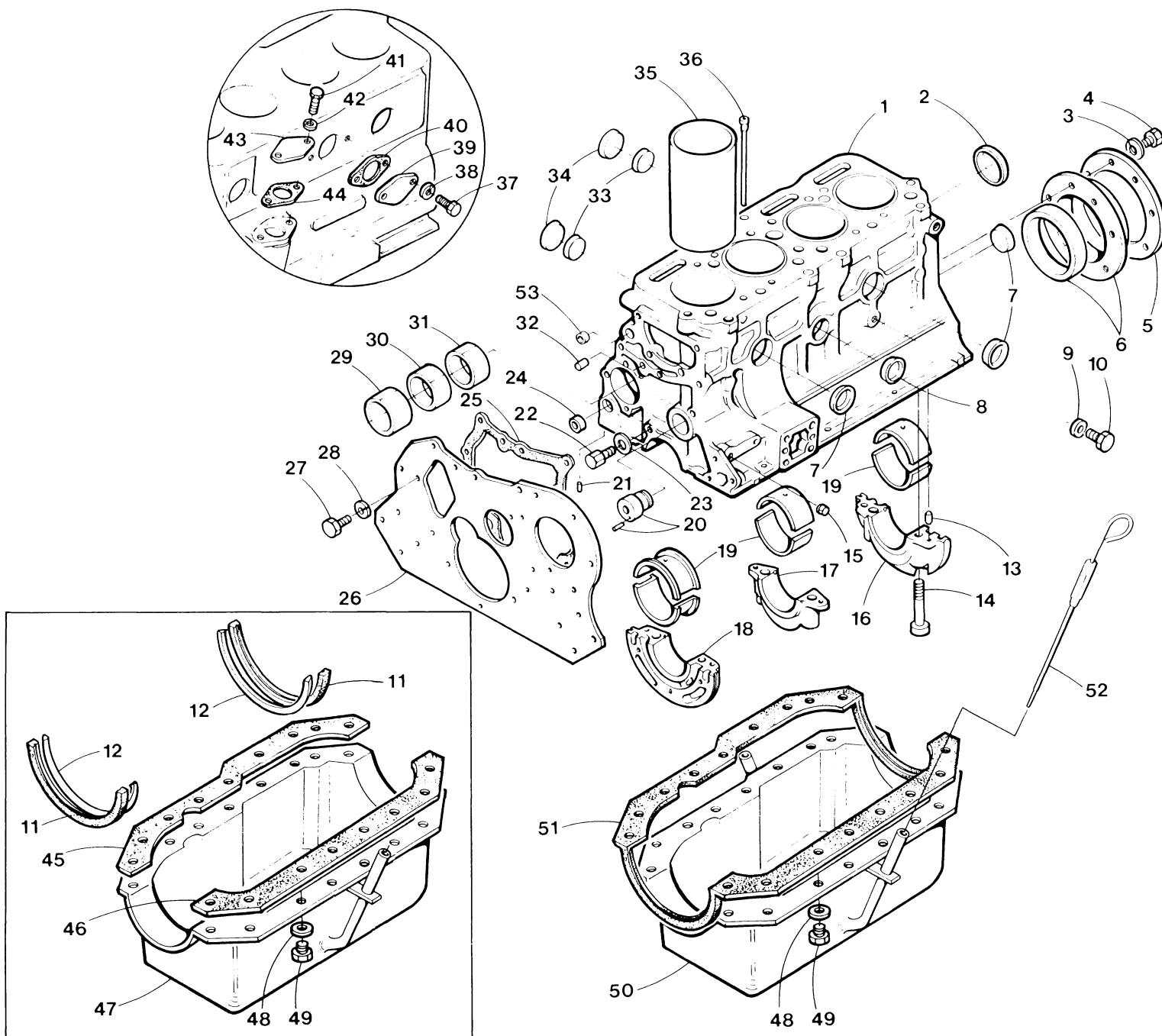
### TABLE OF CONTENTS

| PAGE | DESCRIPTION                                              |
|------|----------------------------------------------------------|
| 100  | CYLINDER BLOCK - SUMP                                    |
| 104  | CYLINDER HEAD - INTAKE MANIFOLD                          |
| 106  | TIMING CASE - TIMING GEARS                               |
| 108  | CRANKSHAFT - PISTONS                                     |
| 110  | VALVES - ROCKER SHAFT - CAMSHAFT                         |
| 112  | LUBRICATING OIL PUMP                                     |
| 114  | PROPULSION OIL FILTER - SUMP DRAIN - FRONT RIGHT MOUNT   |
| 116  | GENSET OIL FILTER - SUMP DRAIN - FRONT RIGHT MOUNT       |
| 116  | OIL FILTER - OIL COOLER - LEFT FRONT PROPULSION MOUNT    |
| 118  | COOLING SYSTEM                                           |
| 122  | FRONT OPENING EXHAUST MANIFOLD                           |
| 124  | EXTRUDED EXHAUST MANIFOLD                                |
| 126  | SEA WATER PUMP                                           |
| 128  | FRESH WATER PUMP                                         |
| 130  | FUEL SYSTEM                                              |
| 136  | PROPULSION BACK END - HBW TRANSMISSION - MOUNTING SYSTEM |
| 140  | WARNER HYDRAULIC TRANSMISSION                            |
| 142  | HBW TRANSMISSION SHIFTING BRACKET                        |
| 144  | ELECTRICAL SYSTEM                                        |
| 146  | ALTERNATOR MOUNTING AND BELTS                            |
| 148  | GENSET BACK END - GENERATOR - MOUNTING SYSTEM            |
| 152  | GENSET AC OUTPUT & REGULATOR - 1 PHASE                   |
| 154  | GENSET AC OUTPUT & REGULATOR - 3 PHASE                   |
| 152  | PROPULSION INSTRUMENT PANELS                             |
| 158  | GENSET CONTROL PANEL                                     |
| 160  | STARTER MOTOR                                            |
| 162  | GENSET SOUND GUARD                                       |
| 164  | GENSET BELT GUARD                                        |
| 166  | MISCELLANEOUS                                            |



WESTERBEKE 46 - 15.0 BTD - CYLINDER BLOCK - SUMP

| REF  | PN     | NAME       | REMARKS                               | QUAN |
|------|--------|------------|---------------------------------------|------|
| 1-1  | 034904 | BLOCK      | ASSEMBLY W46                          | 1    |
| 1-2  | 037754 | BLOCK      | ASSEMBLY 15.0 BTD                     | 1    |
| 2    | 034854 | PLUG       | EXPANSION 65 MM DIN 470               | 1    |
| 3    | 031783 | LOCKWASHER | M 6 DIN 127                           | 8    |
| 4    | 031810 | CAPSCREW   | M 6 X 14 DIN 933                      | 8    |
| 5    | 034308 | PLATE      | OIL SEAL RETAINER                     | 1    |
| 6    | 034309 | SEAL       | OIL-ASSEMBLY                          | 1    |
| 7    | 033657 | PLUG       | EXPANSION 40 MM DIN 443               | 3    |
| 8    | 024349 | PLUG       | EXPANSION 35 MM DIN 443               | 1    |
| 9    | 034448 | WASHER     | SEALING                               | 1    |
| 10   | 033704 | CAPSCREW   | M10 X 1.25 X 16 JIS-FL                | 1    |
| 11   | 034327 | GASKET     | TO S/N 157971                         | 2    |
| 12   | 034328 | RETAINER   | GASKET TO S/N 157971                  | 2    |
| 13   | 034905 | DOWEL      | MAIN BEARING CAP                      | 6    |
| 14   | 034307 | BOLT       | MAIN BEARING CAP                      | 6    |
| 15   | 019957 | PLUG       | 1/8NPT STEEL SQ HEAD                  | 3    |
| 16   |        | CAP        | REAR MAIN BEARING-SEE REF 1           | 1    |
| 17   |        | CAP        | CENTER MAIN BEARING-SEE REF 1         | 1    |
| 18   |        | CAP        | FRONT MAIN BEARING-SEE REF 1          | 1    |
| 19-1 | 034319 | BEARING    | SET MAIN STD                          | 1    |
| 19-2 | 034320 | BEARING    | SET MAIN 0.25                         | 1    |
| 19-3 | 034321 | BEARING    | SET MAIN 0.50                         | 1    |
| 19-4 | 034322 | BEARING    | SET MAIN 0.75                         | 1    |
| 20   | 034359 | SHAFT      | IDLER GEAR INCLUDING PIN              | 1    |
| 21   | 034314 | PLUG       | RUBBER FRONT & REAR CAP               | 2    |
| 22   | 034672 | CAPSCREW   | M 8 X 12 DIN 933                      | 1    |
| 23   | 031786 | LOCKWASHER | M 8 DIN 127                           | 1    |
| 24   | 024369 | PLUG       | EXPANSION 20 MM DIN 443               | 2    |
| 25   | 034315 | GASKET     | FRONT PLATE TO BLOCK                  | 1    |
| 26-1 | 034317 | PLATE      | FRONT TO S/N 156231                   | 1    |
| 26-2 | 039119 | PLATE      | FRONT FROM S/N 156232                 | 1    |
| 27   | 016789 | CAPSCREW   | M 8 X 16 DIN 933                      | 2    |
| 28   | 031786 | LOCKWASHER | M 8 DIN 127                           | 3    |
| 29   | 034311 | BUSHING    | CAMSHAFT FRONT                        | 1    |
| 30   | 034267 | BUSHING    | CAMSHAFT CENTER                       | 1    |
| 31   | 034268 | BUSHING    | CAMSHAFT REAR                         | 1    |
| 32   | 034316 | DOWEL      | BLOCK TO FRONT PLATE                  | 2    |
| 33   | 024349 | PLUG       | EXPANSION 35 MM DIN 443 INTERNAL HOLE | 2    |
| 34   | 030717 | PLUG       | EXPANSION 45 MM DIN 443               | 2    |
| 35-1 | 034312 | LINER      | CYLINDER STD                          | 4    |
| 35-2 | 034313 | LINER      | CYLINDER OS                           | 4    |
| 36   | 034366 | LINE       | OIL TO HEAD                           | 1    |
| 37   | 016789 | CAPSCREW   | M 8 X 16 DIN 933                      | 2    |
| 38   | 031786 | LOCKWASHER | M 8 DIN 127                           | 2    |
| 39   | 034310 | COVER      | CYLINDER BLOCK SIDE                   | 1    |
| 40   | 034387 | GASKET     | COVER TO BLOCK                        | 1    |

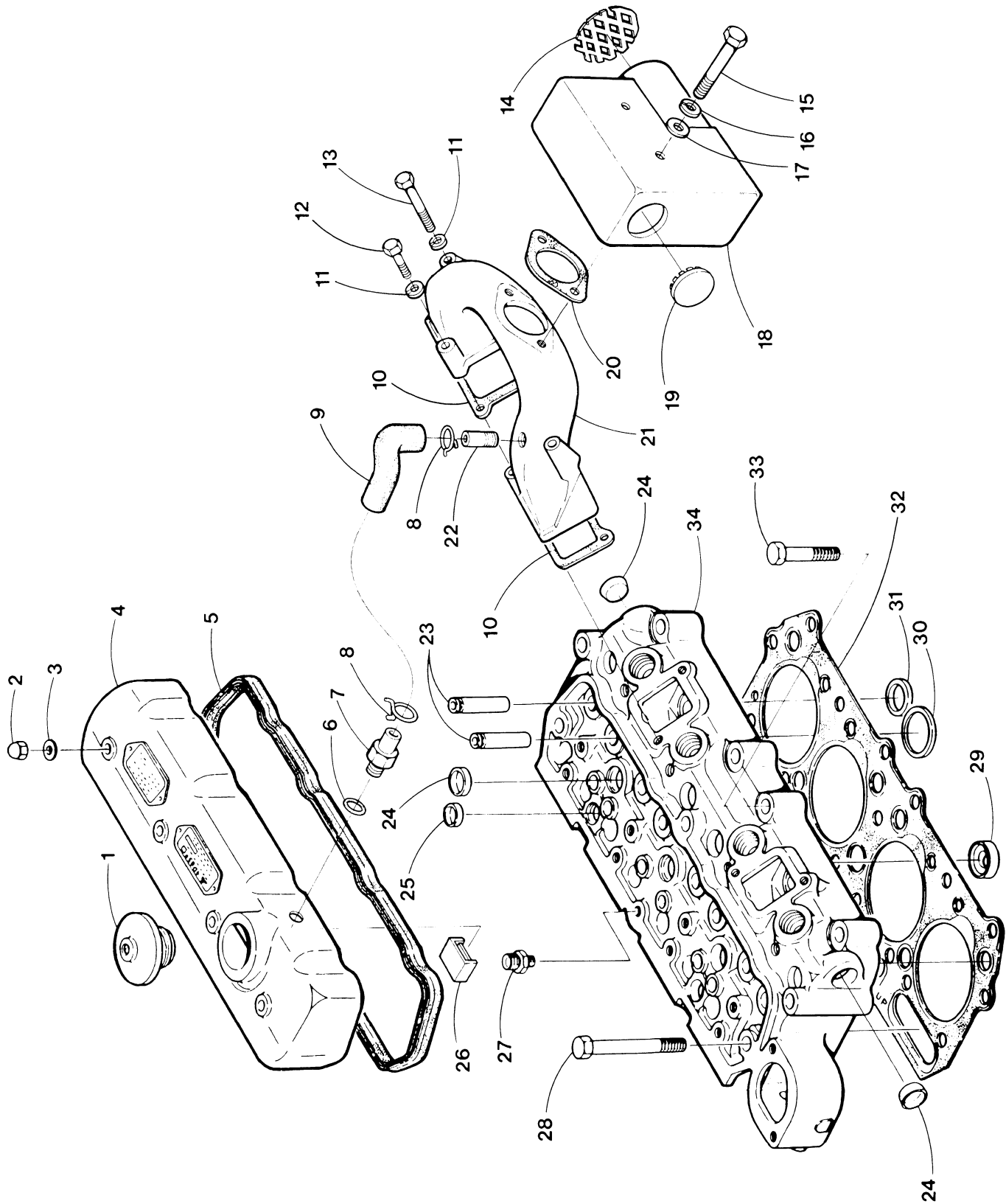




WESTERBEKE 46 - 15.0 BTD - CYLINDER BLOCK - SUMP

| REF  | PN     | NAME       | REMARKS                       | QUAN |
|------|--------|------------|-------------------------------|------|
| 41   | 017196 | CAPSCREW   | M 8 X 20 DIN 933              | 2    |
| 42   | 031786 | LOCKWASHER | M 8 DIN 127                   | 2    |
| 43   | 034266 | COVER      | ACCESSORY DRIVE               | 1    |
| 44   | 034360 | GASKET     | COVER TO BLOCK                | 1    |
| 45   | 034329 | GASKET     | SUMP RIGHT SIDE TO S/N 157971 | 1    |
| 46   | 034330 | GASKET     | SUMP LEFT SIDE TO S/N 157971  | 1    |
| 47   | 034331 | SUMP       | OIL TO S/N 157971             | 1    |
| 48-1 | 031786 | LOCKWASHER | M 8 DIN 127                   | 16   |
| 48-2 | 031787 | WASHER     | M 8 DIN 125                   | 16   |
| 49-1 | 017196 | CAPSCREW   | M 8 X 20 DIN 933              | 14   |
| 49-2 | 013630 | CAPSCREW   | M 8 X 25 DIN 933              | 2    |
| 50   | 038333 | SUMP       | OIL FROM S/N 157972           | 1    |
| 51   | 038332 | GASKET     | SUMP FROM S/N 157972          | 1    |
| 52   | 038334 | DIPSTICK   | OIL FROM S/N 157972           | 2    |
| 53   | 037755 | PLUG       | EXPANSION 16 MM               | 1    |

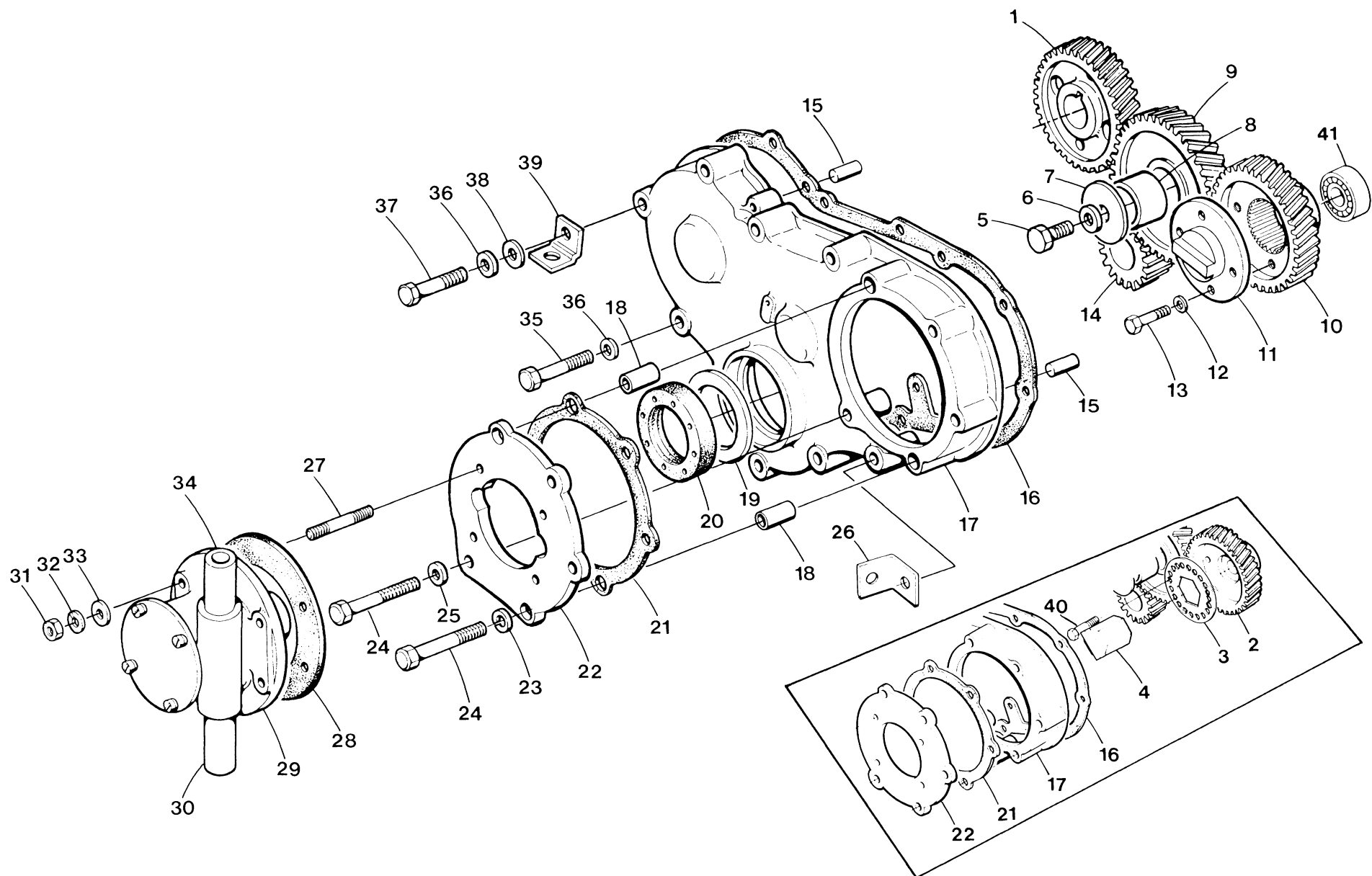
WESTERBEKE 46 - 15.0 BTD - CYLINDER HEAD - INTAKE MANIFOLD



WESTERBEKE 46 - 15.0 BTD - CYLINDER HEAD - INTAKE MANIFOLD

| REF  | PN     | NAME       | REMARKS                                  | QUAN |
|------|--------|------------|------------------------------------------|------|
| 1    | 030229 | CAP        | OIL FILLER                               | 1    |
| 2    | 034301 | NUT        | CAP                                      | 4    |
| 3    | 034252 | GASKET     |                                          | 4    |
| 4    | 034262 | COVER      | ROCKER INCL REF 6,7,26                   | 1    |
| 5    | 034296 | GASKET     | ROCKER COVER                             | 1    |
| 6    | 034255 | WASHER     | SEALING                                  | 1    |
| 7    | 034264 | CONNECTOR  | BREATHER                                 | 1    |
| 8    | 017298 | CLAMP      | HOSE                                     | 2    |
| 9    | 034909 | HOSE       | BREATHER                                 | 1    |
| 10   | 034027 | GASKET     | INTAKE MANIFOLD TO HEAD                  | 2    |
| 11   | 031786 | LOCKWASHER | M 8 DIN 127                              | 4    |
| 12   | 024948 | CAPSCREW   | M 8 X 45 DIN 931                         | 2    |
| 13   | 031815 | CAPSCREW   | M 8 X 95 DIN 931                         | 2    |
| 14   | 030167 | SCREEN     | AIR INTAKE SILENCER                      | 1    |
| 15-1 | 031589 | CAPSCREW   | 5/16NF X 3-1/4 TO MAY 86                 | 2    |
| 15-2 | 031813 | CAPSCREW   | M 8 X 80 DIN 931 FROM MAY 86             | 2    |
| 16-1 | 031758 | LOCKWASHER | 5/16 TO MAY 86                           | 2    |
| 16-2 | 031786 | LOCKWASHER | M 8 DIN 127 FROM MAY 86                  | 2    |
| 17-1 | 031759 | WASHER     | FLAT 5/16 TO MAY 86                      | 2    |
| 17-2 | 031787 | WASHER     | M 8 DIN 125 FROM MAY 86                  | 2    |
| 18   | 034021 | SILENCER   | INTAKE INCL SCREEN AND PLUG              | 1    |
| 19   | 031145 | PLUG       | BUTTON 1-3/8                             | 1    |
| 20   | 034023 | GASKET     | SILENCER TO MANIFOLD                     | 1    |
| 21   | 034032 | MANIFOLD   | INTAKE                                   | 1    |
| 22   | 016690 | NIPPLE     | BREATHER HOSE                            | 1    |
| 23   | 034282 | GUIDE      | VALVE                                    | 8    |
| 24   | 024373 | PLUG       | EXPANSION 25 MM DIN 443                  | 10   |
| 25   | 024369 | PLUG       | EXPANSION 20 MM DIN 443                  | 6    |
| 26   | 034263 | DEFLECTOR  | BREATHER CONNECTION                      | 1    |
| 27   | 034254 | CONNECTOR  | OIL LINE TO ROCKER SHAFT                 | 1    |
| 28   | 033637 | BOLT       | CYLINDER HEAD-LONG                       | 13   |
| 29-1 | 034287 | INSERT     | COMBUSTION STD TO S/N 159664             | 4    |
| 29-2 | 034288 | INSERT     | COMBUSTION OS TO S/N 159664              | 4    |
| 29-3 | 038827 | INSERT     | COMBUSTION STD FROM S/N 159665           | 4    |
| 30   | 034284 | SEAT       | INTAKE VALVE                             | 4    |
| 31   | 034285 | SEAT       | EXHAUST VALVE                            | 4    |
| 32   | 034283 | GASKET     | CYLINDER HEAD                            | 1    |
| 33   | 034258 | BOLT       | CYLINDER HEAD-SHORT                      | 4    |
| 34-1 | 034286 | HEAD       | CYLINDER INCL SEATS/GUIDES TO S/N 159664 | 1    |
| 34-2 | 038826 | HEAD       | CYLINDER INCL SEATS/GUIDES FR S/N 159665 | 1    |

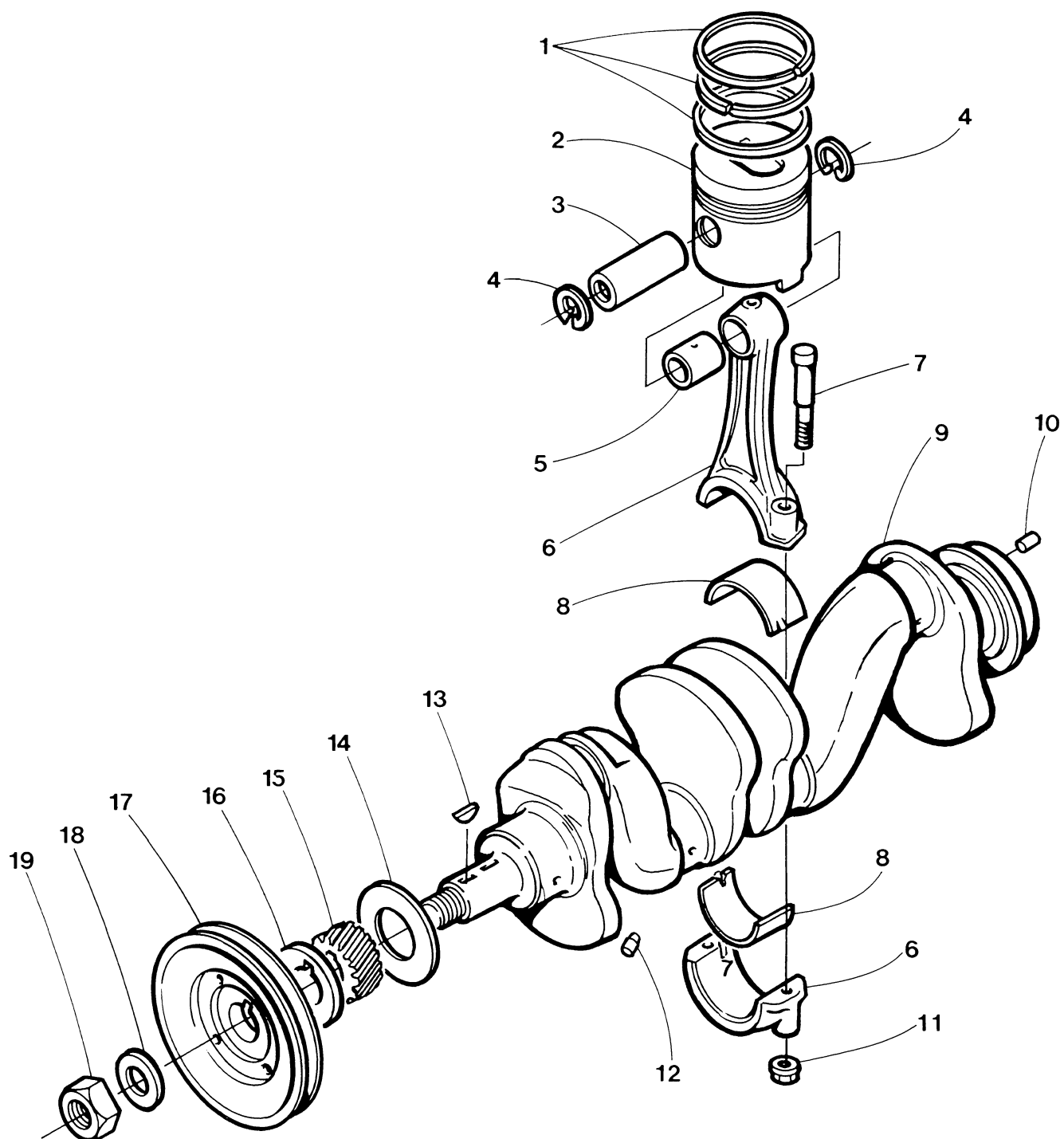
WESTERBEKE 46 - 15.0 BTD - TIMING CASE - TIMING GEARS



WESTERBEKE 46 - 15.0 LTD - TIMING CASE - TIMING GEARS

| REF | PN     | NAME       | REMARKS                           | QUAN |
|-----|--------|------------|-----------------------------------|------|
| 1   | 034355 | GEAR       | CAMSHAFT                          | 1    |
| 2   | 034358 | GEAR       | INJECTION PUMP DRIVE TO OCT 85    | 1    |
| 3   | 034003 | PLATE      | PUMP DRIVE TANG LOCKING TO OCT 85 | 1    |
| 4   | 034000 | TANG       | SEA PUMP DRIVE TO OCT 85          | 1    |
| 5   | 024951 | CAPSCREW   | M10 X 1.25 X 20 DIN 961           | 1    |
| 6   | 019262 | LOCKWASHER | M10 DIN 127                       | 1    |
| 7   | 034269 | PLATE      | THRUST                            | 1    |
| 8-1 | 034357 | BUSHING    | IDLER GEAR TO S/N 153548          | 1    |
| 8-2 | 037757 | BUSHING    | IDLER GEAR FROM S/N 153549        | 1    |
| 9   | 034356 | GEAR       | IDLER INCLUDING BUSHING           | 1    |
| 10  | 036167 | GEAR       | INJECTION PUMP DRIVE              | 1    |
| 11  | 036166 | COUPLING   | SEA WATER PUMP DRIVE              | 1    |
| 12  | 031786 | LOCKWASHER | M 8 DIN 127                       | 4    |
| 13  | 017196 | CAPSCREW   | M 8 X 20 DIN 933                  | 4    |
| 14  | 034354 | GEAR       | CRANKSHAFT                        | 1    |
| 15  | 034316 | DOWEL      | BLOCK TO TIMING CASE              | 2    |
| 16  | 034325 | GASKET     | TIMING COVER                      | 1    |
| 17  | 034326 | COVER      | TIMING                            | 1    |
| 18  | 035330 | DOWEL      | TUBULAR                           | 2    |
| 19  | 034323 | PLATE      | OIL SEAL                          | 1    |
| 20  | 034324 | SEAL       | OIL                               | 1    |
| 21  | 034001 | GASKET     | ADAPTER TO TIMING COVER           | 1    |
| 22  | 035266 | ADAPTER    | SEA WATER PUMP TO TIMING COVER    | 1    |
| 23  | 031786 | LOCKWASHER | M 8 DIN 127                       | 4    |
| 24  | 031225 | CAPSCREW   | M 8 X 60 DIN 931                  | 5    |
| 25  | 030289 | WASHER     | SEALING-OIL                       | 1    |
| 26  | 035328 | BRACKET    | BELT GUARD 15.0 LTD               | 1    |
| 27  | 034007 | STUD       | SEA WATER PUMP TO ADAPTER         | 4    |
| 28  | 011143 | GASKET     | SEA WATER PUMP TO ADAPTER         | 1    |
| 29  | 016423 | PUMP       | SEA WATER                         | 1    |
| 30  | 036618 | NIPPLE     | 1/2NPT TO 1" HOSE                 | 1    |
| 31  | 031760 | NUT        | 5/16NF                            | 4    |
| 32  | 031758 | LOCKWASHER | 5/16                              | 4    |
| 33  | 031759 | WASHER     | FLAT 5/16                         | 4    |
| 34  | 032230 | NIPPLE     | 1/2NPT TO 7/8" HOSE               | 1    |
| 35  | 024949 | CAPSCREW   | M 8 X 50 DIN 931                  | 8    |
| 36  | 031786 | LOCKWASHER | M 8 DIN 127                       | 9    |
| 37  | 024948 | CAPSCREW   | M 8 X 45 DIN 931                  | 1    |
| 38  | 031787 | WASHER     | M 8 DIN 125                       | 1    |
| 39  | 024922 | BRACKET    | SUMP DRAIN HOSE                   | 1    |
| 40  | 034004 | SCREW      | SHOULDER, LOCK PLATE TO OCT 85    | 2    |
| 41  | 036165 | BEARING    | BALL                              | 1    |

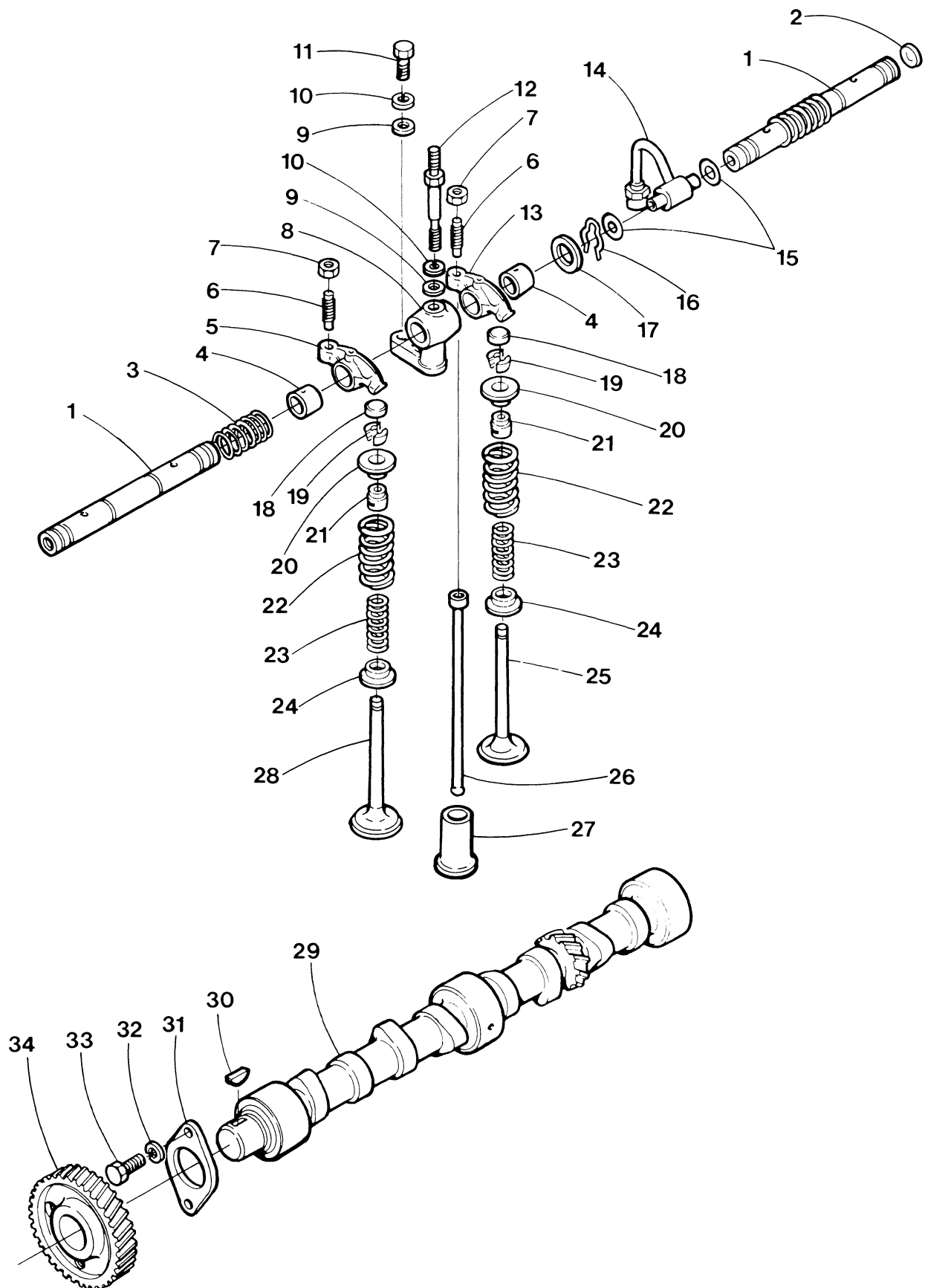
# WESTERBEKE 46 - 15.0 BTD - CRANKSHAFT - PISTONS



WESTERBEKE 46 - 15.0 BTD - CRANKSHAFT - PISTONS

| REF | PN     | NAME       | REMARKS                      | QUAN |
|-----|--------|------------|------------------------------|------|
| 1-1 | 034338 | RING SET   | STD-ENGINE SET               | 1    |
| 1-2 | 034339 | RING SET   | 0.25MM ENGINE SET            | 1    |
| 1-3 | 034340 | RING SET   | 0.50 MM ENGINE SET           | 1    |
| 1-4 | 034341 | RING SET   | 0.75 MM ENGINE SET           | 1    |
| 2-1 | 034334 | PISTON     | STD TO S/N 159664            | 4    |
| 2-2 | 034335 | PISTON     | 0.25MM TO S/N 159664         | 4    |
| 2-3 | 034336 | PISTON     | 0.50 MM TO S/N 159664        | 4    |
| 2-4 | 034337 | PISTON     | 0.75 MM TO S/N 159664        | 4    |
| 2-5 | 038828 | PISTON     | STD FROM S/N 159665          | 4    |
| 2-6 | 038829 | PISTON     | 0.25 MM FROM S/N 159665      | 4    |
| 2-7 | 038830 | PISTON     | 0.50 MM FROM S/N 159665      | 4    |
| 2-8 | 038831 | PISTON     | 0.75 MM FROM S/N 159665      | 4    |
| 3   | 034333 | PIN        | PISTON                       | 4    |
| 4   | 034332 | SNAPRING   | PISTON PIN                   | 8    |
| 5   | 034342 | BUSHING    | CONNECTING ROD               | 4    |
| 6   | 034344 | ROD        | CONNECTING INCL REF 5-6-7-11 | 4    |
| 7   | 034345 | BOLT       | CONNECTING ROD               | 8    |
| 8-1 | 034346 | BEARING    | HALF-CONNECTING ROD STD      | 8    |
| 8-2 | 034347 | BEARING    | HALF-CONNECTING ROD 0.25MM   | 8    |
| 8-3 | 034348 | BEARING    | HALF-CONNECTING ROD 0.50MM   | 8    |
| 8-4 | 034349 | BEARING    | HALF-CONNECTING ROD 0.75MM   | 8    |
| 9   | 034353 | CRANKSHAFT |                              | 1    |
| 10  | 034898 | DOWEL      |                              | 2    |
| 11  | 034343 | NUT        | CONNECTING ROD BOLT          | 8    |
| 12  |        | PLUG       | INCLUDED IN CRANKSHAFT       | 4    |
| 13  | 034855 | KEY        | WOODRUFF                     | 2    |
| 14  | 034350 | PLATE      | THRUST                       | 1    |
| 15  | 034354 | GEAR       | CRANKSHAFT                   | 1    |
| 16  | 034351 | SLINGER    | CRANKSHAFT                   | 1    |
| 17  | 034352 | PULLEY     | CRANKSHAFT                   | 1    |
| 18  | 034390 | WASHER     | CRANKSHAFT PULLEY            | 1    |
| 19  | 032174 | NUT        | M24 X 1.25 JAM               | 1    |

WESTERBEKE 46 - 15.0 BTD - VALVES - ROCKER SHAFT - CAMSHAFT

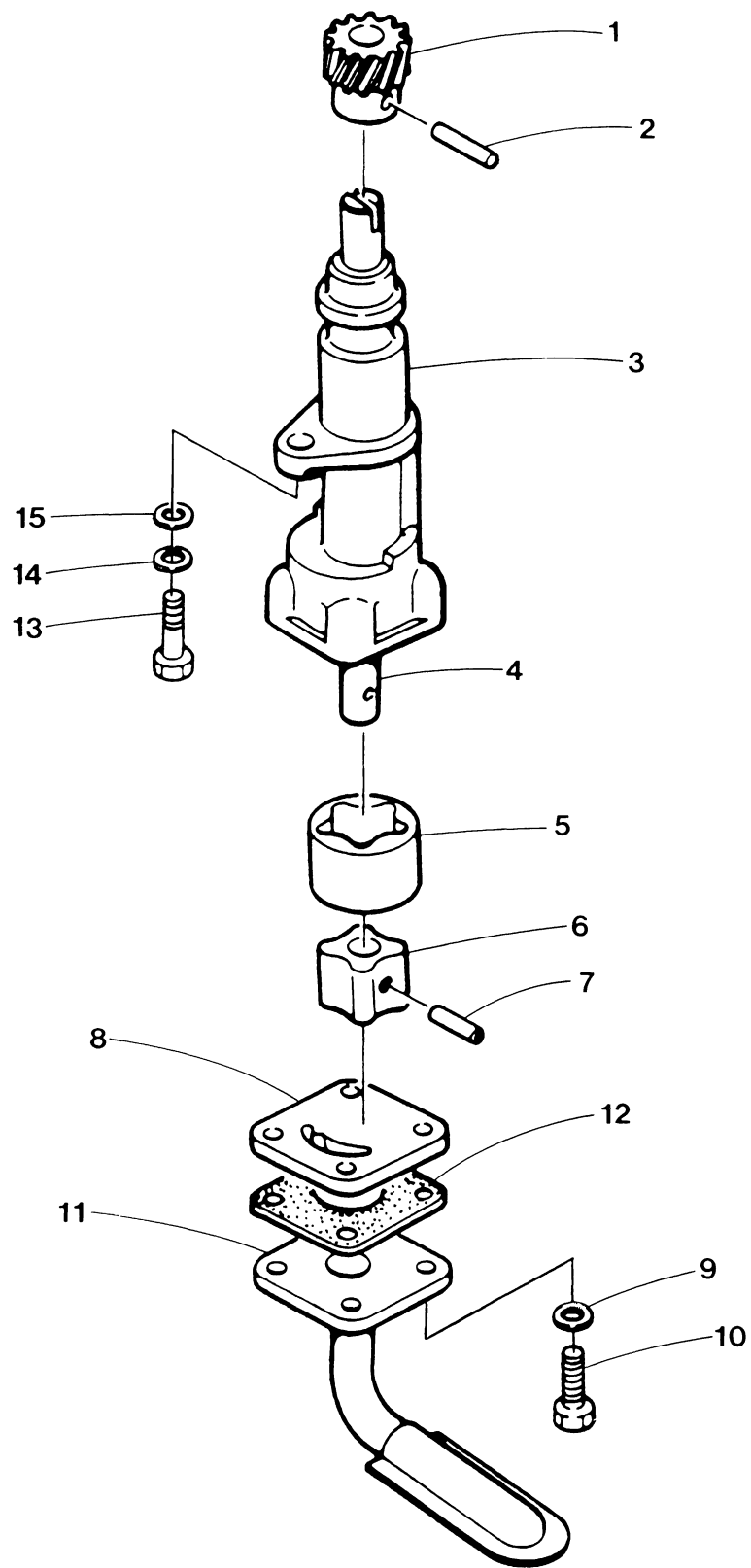




WESTERBEKE 46 - 15.0 BTD - VALVES - ROCKER SHAFT - CAMSHAFT

| REF | PN     | NAME       | REMARKS                  | QUAN |
|-----|--------|------------|--------------------------|------|
| 1   | 034300 | SHAFT      | ROCKER INCL PLUG         | 2    |
| 2   | 034899 | PLUG       | EXPANSION                | 2    |
| 3   | 034289 | SPRING     | ROCKER SHAFT             | 2    |
| 4   | 034299 | BUSHING    | ROCKER                   | 8    |
| 5   | 034302 | ROCKER     | INCL REF 4-6-7           | 4    |
| 6   | 034384 | SCREW      | ROCKER ADJUSTING         | 8    |
| 7   | 031802 | NUT        | M 8 JAM                  | 8    |
| 8   | 034295 | BRACKET    | ROCKER SHAFT             | 4    |
| 9   | 031787 | WASHER     | M 8 DIN 125              | 8    |
| 10  | 031786 | LOCKWASHER | M 8 DIN 127              | 8    |
| 11  | 013630 | CAPSCREW   | M 8 X 25 DIN 933         | 4    |
| 12  | 034261 | BOLT       | ROCKER COVER AND BRACKET | 4    |
| 13  | 034303 | ROCKER     | INCL REF 4-6-7           | 4    |
| 14  | 034273 | LINE       | OIL TO ROCKER SHAFT      | 1    |
| 15  | 034271 | O-RING     |                          | 2    |
| 16  | 034259 | SNAPRING   |                          | 4    |
| 17  | 034260 | WASHER     |                          | 4    |
| 18  | 034383 | CAP        | VALVE                    | 8    |
| 19  | 034382 | COTTER     | VALVE                    | 16   |
| 20  | 034292 | SEAT       | VALVE SPRING UPPER       | 8    |
| 21  | 034294 | SEAL       | VALVE STEM               | 8    |
| 22  | 034290 | SPRING     | VALVE-OUTER              | 8    |
| 23  | 034291 | SPRING     | VALVE-INNER              | 8    |
| 24  | 034293 | SEAT       | VALVE SPRING LOWER       | 8    |
| 25  | 034298 | VALVE      | EXHAUST                  | 4    |
| 26  | 034304 | PUSHROD    |                          | 8    |
| 27  | 034305 | TAPPET     |                          | 8    |
| 28  | 034297 | VALVE      | INTAKE                   | 4    |
| 29  | 034306 | CAMSHAFT   |                          | 1    |
| 30  | 034855 | KEY        | WOODRUFF                 | 1    |
| 31  | 034265 | PLATE      | CAMSHAFT THRUST          | 1    |
| 32  | 031786 | LOCKWASHER | M 8 DIN 127              | 2    |
| 33  | 016789 | CAPSCREW   | M 8 X 16 DIN 933         | 2    |
| 34  | 034355 | GEAR       | CAMSHAFT                 | 1    |

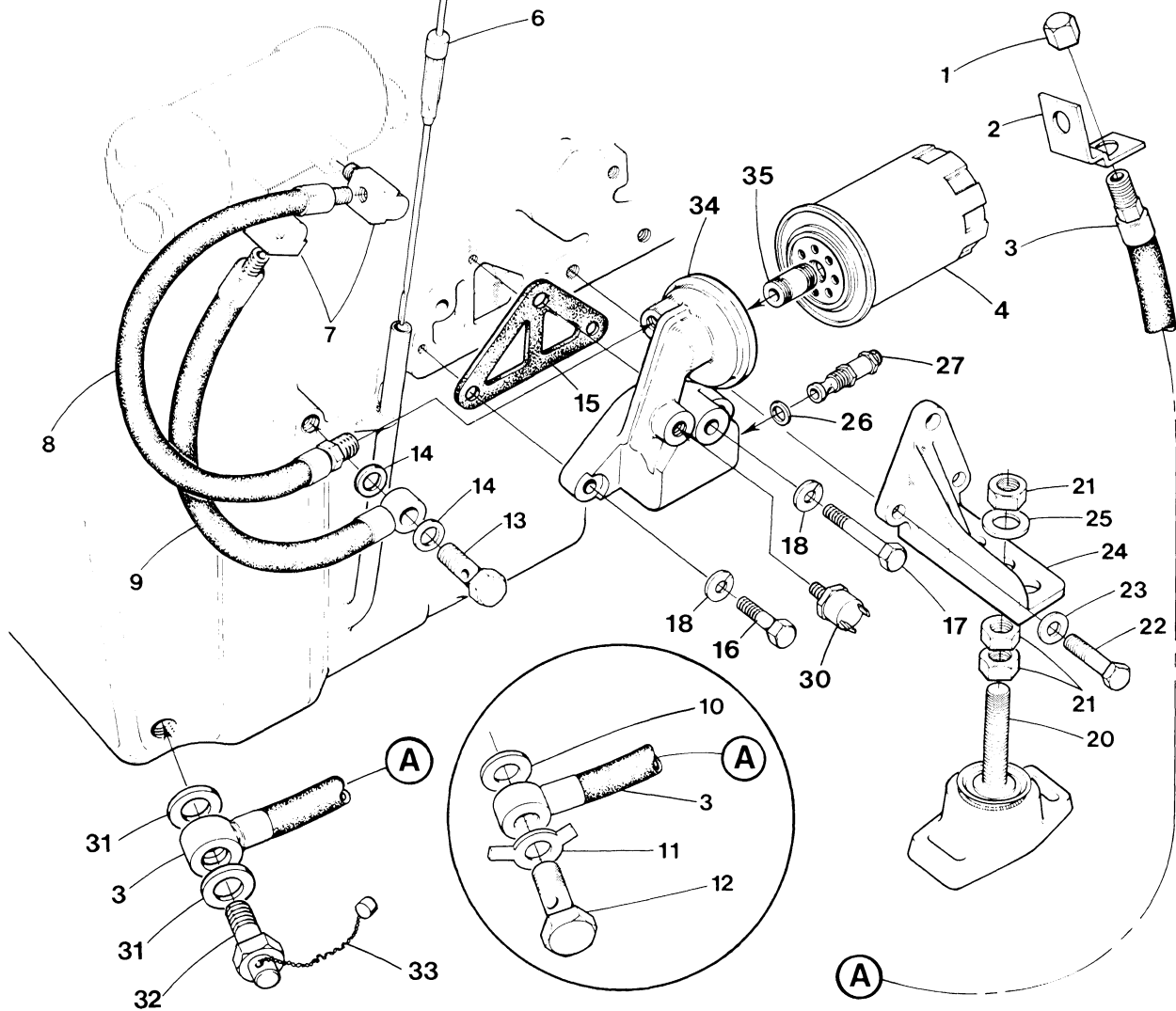
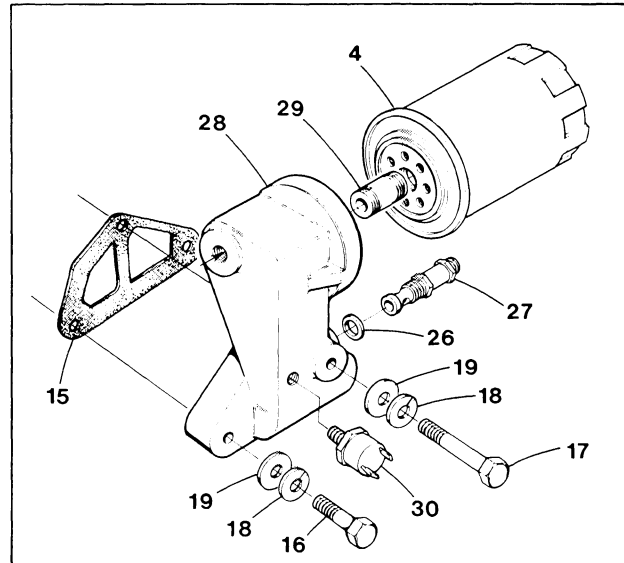
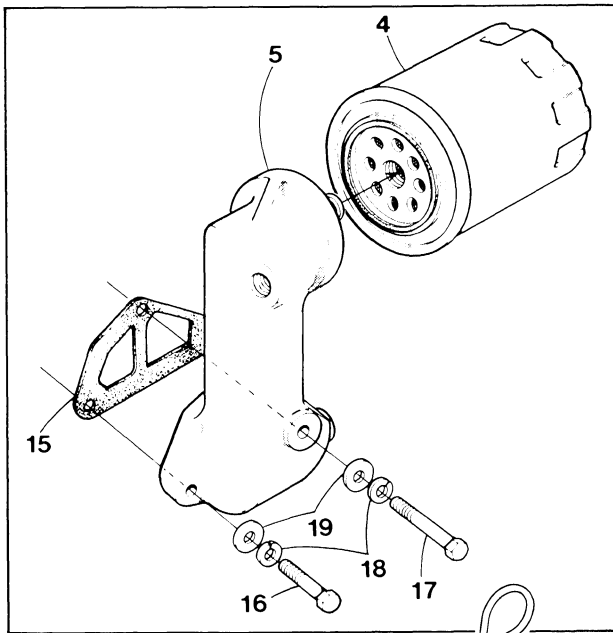
WESTERBEKE 46 - 15.0 BTD - LUBRICATING OIL PUMP



WESTERBEKE 46 - 15.0 BTD - LUBRICATING OIL PUMP

| REF | PN     | NAME       | REMARKS                     | QUAN |
|-----|--------|------------|-----------------------------|------|
| 1   | 034385 | GEAR       | OIL PUMP DRIVE              | 1    |
| 2   | 034386 | PIN        | DRIVE GEAR                  | 1    |
| 3   | 034363 | PUMP       | LUBE OIL INCL REF 1 THRU 10 | 1    |
| 4   | 034364 | SHAFT      | ASSEMBLY INCL REF 5-6-7     | 1    |
| 5   |        | ROTOR      | OUTER-SEE REF 4             | 1    |
| 6   |        | ROTOR      | INNER-SEE REF 4             | 1    |
| 7   |        | PIN        | SEE REF 4                   | 1    |
| 8   | 034270 | COVER      | OIL PUMP                    | 1    |
| 9   | 031783 | LOCKWASHER | M 6 DIN 127                 | 4    |
| 10  | 018804 | CAPSCREW   | M 6 X 20 DIN 933            | 4    |
| 11  | 034365 | STRAINER   | OIL PICKUP                  | 1    |
| 12  | 034272 | GASKET     | STRAINER TO PUMP            | 1    |
| 13  | 013630 | CAPSCREW   | M 8 X 25 DIN 933            | 1    |
| 14  | 031786 | LOCKWASHER | M 8 DIN 127                 | 1    |
| 15  | 031787 | WASHER     | M 8 DIN 125                 | 1    |

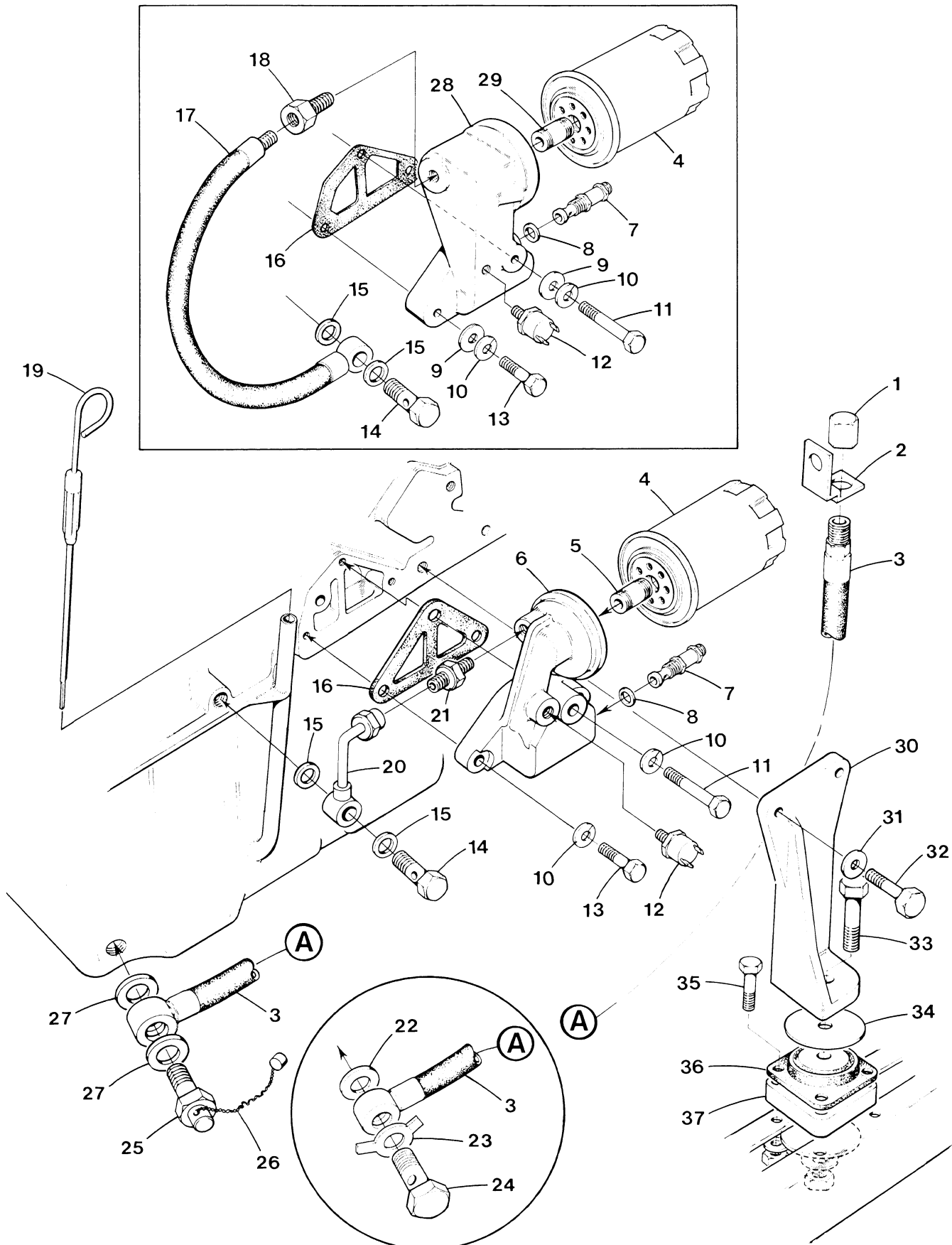
# WESTERBEKE 46 - OIL FILTER & LINES - SUMP DRAIN - FRONT RIGHT MOUNT



WESTERBEKE 46 - OIL FILTER & LINES - SUMP DRAIN - FRONT RIGHT MOUNT

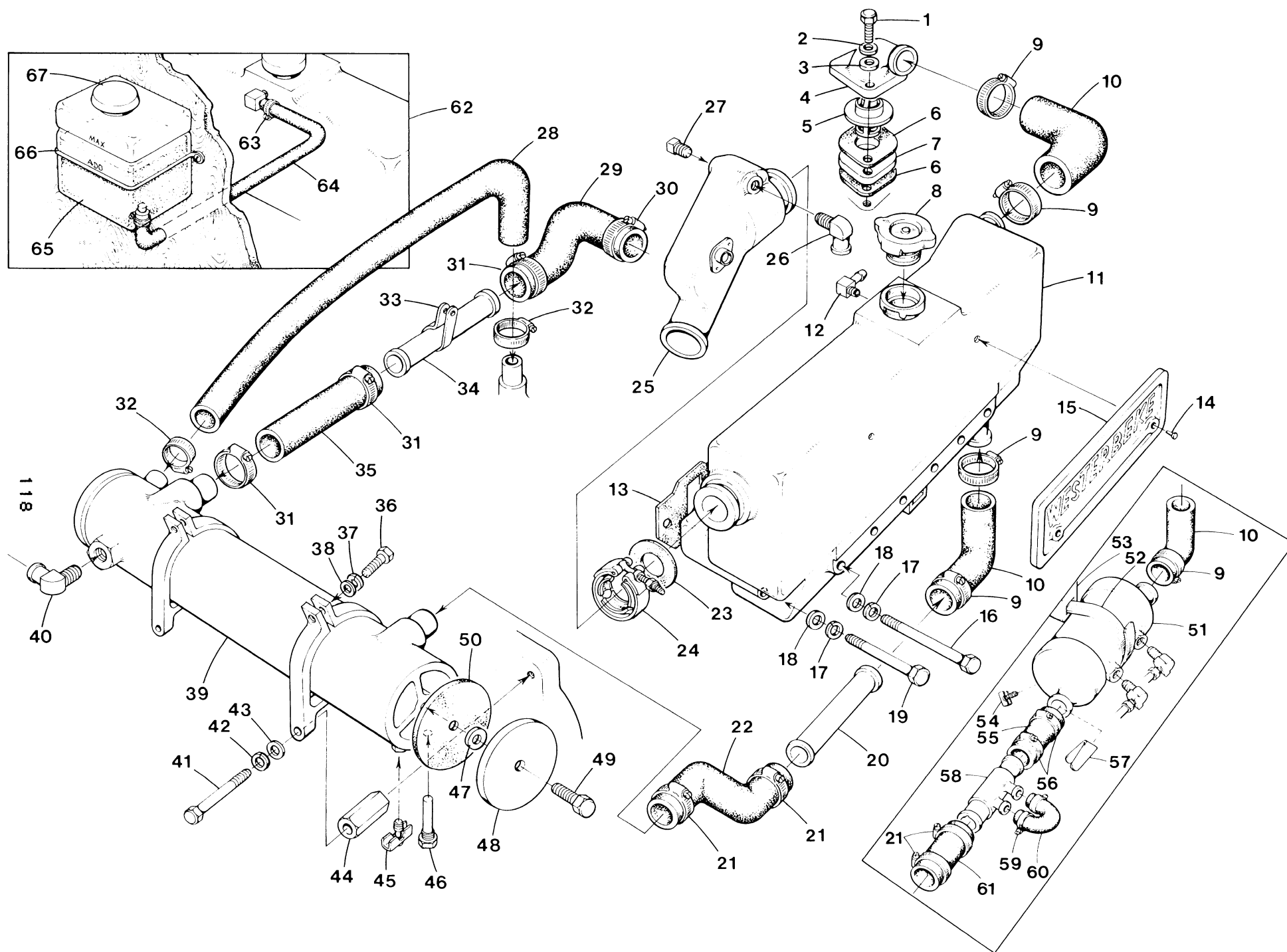
| REF  | PN     | NAME       | REMARKS                                  | QUAN |
|------|--------|------------|------------------------------------------|------|
| 1    | 024905 | CAP        | SUMP DRAIN HOSE                          | 1    |
| 2    | 024922 | BRACKET    | SUMP DRAIN HOSE                          | 1    |
| 3-1  | 030846 | HOSE       | SUMP DRAIN                               | 1    |
| 3-2  | 033520 | HOSE       | SUMP DRAIN V-DRIVE ENGINES               | 1    |
| 4    | 035828 | FILTER     | LUBE OIL                                 | 1    |
| 5    | 033954 | ADAPTER    | LUBE OIL FILTER - NLA - SEE REF 28-29    | 1    |
| 6-1  | 034369 | DIPSTICK   | TO S/N 153548                            | 1    |
| 6-2  | 034369 | DIPSTICK   | FROM S/N 153549 TO 157971                | 2    |
| 6-3  | 038334 | DIPSTICK   | FROM S/N 157972                          | 2    |
| 7    | 013330 | ELBOW      | COOLER TO HOSE                           | 2    |
| 8    | 034488 | HOSE       | COOLER TO FILTER ADAPTER                 | 1    |
| 9    | 034188 | HOSE       | COOLER TO BLOCK                          | 1    |
| 10   | 024973 | WASHER     | BANJO TO APRIL 88                        | 1    |
| 11   | 024913 | TABWASHER  | TO APRIL 88                              | 1    |
| 12   | 024782 | BOLT       | SUMP DRAIN BANJO REPL BY REF 31-32-33    | 1    |
| 13   | 034177 | BOLT       | BANJO                                    | 1    |
| 14   | 034178 | WASHER     | BANJO                                    | 2    |
| 15   | 034852 | GASKET     | ADAPTER TO BLOCK                         | 1    |
| 16   | 013630 | CAPSCREW   | M 8 X 25 DIN 933                         | 2    |
| 17   | 031812 | CAPSCREW   | M 8 X 65 DIN 931                         | 1    |
| 18   | 031786 | LOCKWASHER | M 8 DIN 127                              | 3    |
| 19   | 031787 | WASHER     | M 8 DIN 125                              | 3    |
| 20-1 | 032013 | ISOLATOR   | TO JAN 87                                | 1    |
| 20-2 | 036341 | ISOLATOR   | FROM JAN 87                              | 1    |
| 21-1 | 031826 | NUT        | 5/8NF JAM-ISOLATOR 32013                 | 3    |
| 21-2 | 036338 | NUT        | M16 DIN 985 LOCKING-ISOLATOR 36341       | 2    |
| 22   | 033958 | CAPSCREW   | M12 X 30 DIN 933                         | 3    |
| 23   | 031792 | LOCKWASHER | M12 DIN 127                              | 3    |
| 24   | 033892 | MOUNT      | FRONT RIGHT                              | 1    |
| 25   | 031827 | LOCKWASHER | 5/8-ISOLATOR 32013                       | 1    |
| 26   | 034367 | WASHER     | OIL RELIEF VALVE                         | 1    |
| 27   | 034368 | VALVE      | OIL RELIEF                               | 1    |
| 28   | 034560 | ADAPTER    | LUBE OIL FILTER                          | 1    |
| 29   | 034663 | NIPPLE     | ADAPTER TO FILTER                        | 1    |
| 30-1 | 034761 | SWITCH     | OIL PRESSURE TO JULY 87 8 PIN HARNESS    | 1    |
| 30-2 | 033935 | SWITCH     | OIL PRESSURE FROM JULY 87 12 PIN HARNESS | 1    |
| 31   | 036493 | WASHER     | SUMP DRAIN BANJO                         | 2    |
| 32   | 036819 | BOLT       | SUMP DRAIN BANJO                         | 1    |
| 33   | 037393 | SEAL       | LEAD WIRE FOR SUMP BOLT                  | 1    |
| 34   | 034560 | ADAPTER    | LUBE OIL FILTER                          | 1    |
| 35   | 034663 | NIPPLE     | ADAPTER TO FILTER                        | 1    |

WESTERBEKE 15.0 BTD - OIL FILTER - SUMP DRAIN - FRONT RIGHT MOUNT



WESTERBEKE 15.0 BTD - OIL FILTER - SUMP DRAIN - FRONT RIGHT MOUNT

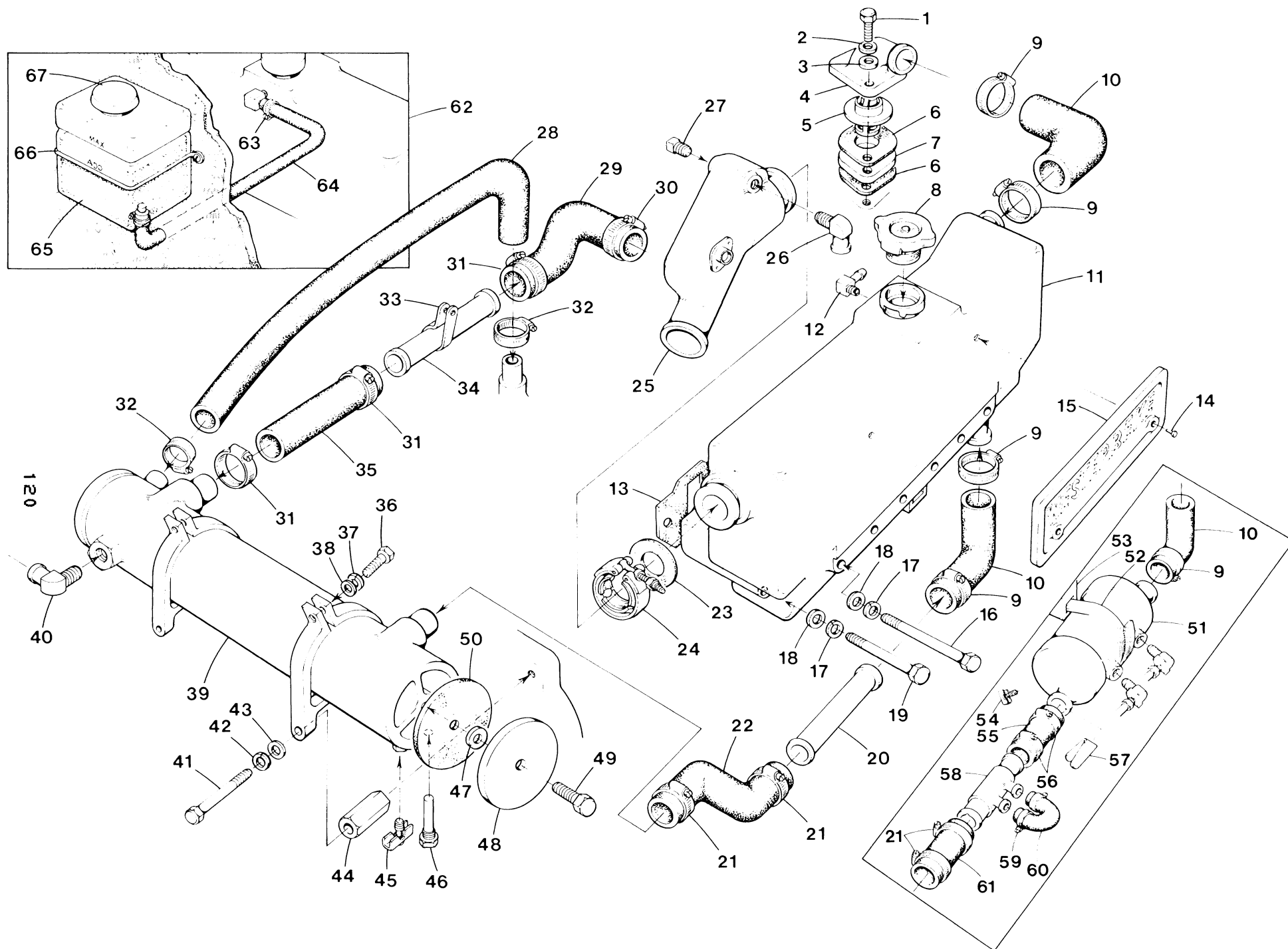
| REF  | PN     | NAME       | REMARKS                               | QUAN |
|------|--------|------------|---------------------------------------|------|
| 1    | 024905 | CAP        | SUMP DRAIN HOSE                       | 1    |
| 2    | 024922 | BRACKET    | SUMP DRAIN HOSE                       | 1    |
| 3    | 036454 | HOSE       | SUMP DRAIN                            | 1    |
| 4    | 035828 | FILTER     | LUBE OIL                              | 1    |
| 5    | 034663 | NIPPLE     | ADAPTER TO FILTER                     | 1    |
| 6    | 034560 | ADAPTER    | LUBE OIL FILTER                       | 1    |
| 7    | 034368 | VALVE      | OIL RELIEF                            | 1    |
| 8    | 034367 | WASHER     | OIL RELIEF VALVE                      | 1    |
| 9    | 031787 | WASHER     | M 8 DIN 125                           | 3    |
| 10   | 031786 | LOCKWASHER | M 8 DIN 127                           | 3    |
| 11   | 031812 | CAPSCREW   | M 8 X 65 DIN 931                      | 1    |
| 12   | 033348 | SWITCH     | OIL PRESSURE                          | 1    |
| 13   | 013630 | CAPSCREW   | M 8 X 25 DIN 933                      | 2    |
| 14   | 034177 | BOLT       | BANJO                                 | 1    |
| 15   | 034178 | WASHER     | BANJO                                 | 2    |
| 16   | 034852 | GASKET     | ADAPTER TO BLOCK                      | 1    |
| 17   | 034188 | HOSE       | ADAPTER TO BLOCK                      | 1    |
| 18   | 013348 | ADAPTER    | HOSE 34188 TO FILTER ADAPTER          | 1    |
| 19-1 | 034369 | DIPSTICK   | TO S/N 157971                         | 2    |
| 19-2 | 038334 | DIPSTICK   | FROM S/N 157972                       | 2    |
| 20   | 037758 | LINE       | ADAPTER TO BLOCK                      | 1    |
| 21   | 037759 | CONNECTOR  | OIL LINE 37758 TO ADAPTER             | 1    |
| 22   | 024973 | WASHER     | SUMP DRAIN BANJO TO APRIL 88          | 1    |
| 23   | 024913 | TABWASHER  | SUMP DRAIN BOLT TO APRIL 88           | 1    |
| 24   | 024782 | BOLT       | SUMP DRAIN BANJO-REPL BY REF 25-26-27 | 1    |
| 25   | 036819 | BOLT       | SUMP DRAIN BANJO                      | 1    |
| 26   | 037393 | SEAL       | LEAD WIRE-SUMP DRAIN BOLT             | 1    |
| 27   | 036493 | WASHER     | SUMP DRAIN BANJO                      | 2    |
| 28   | 034560 | ADAPTER    | LUBE OIL FILTER                       | 1    |
| 29   | 034663 | NIPPLE     | ADAPTER TO FILTER                     | 1    |
| 30   | 036092 | MOUNT      | FRONT RIGHT                           | 1    |
| 31   | 031792 | LOCKWASHER | M12 DIN 127                           | 2    |
| 32   | 033958 | CAPSCREW   | M12 X 30 DIN 933                      | 2    |
| 33   | 031712 | CAPSCREW   | 1/2NC X 2-3/4                         | 1    |
| 34   | 033530 | SHIELD     | ISOLATOR                              | 1    |
| 35   | 031557 | CAPSCREW   | 5/16NC X 1-1/2                        | 4    |
| 36   | 015238 | ISOLATOR   |                                       | 1    |
| 37   | 035271 | SPACER     | ISOLATOR TO RAIL                      | 1    |





WESTERBEKE 46 - 15.0 BTD - COOLING SYSTEM

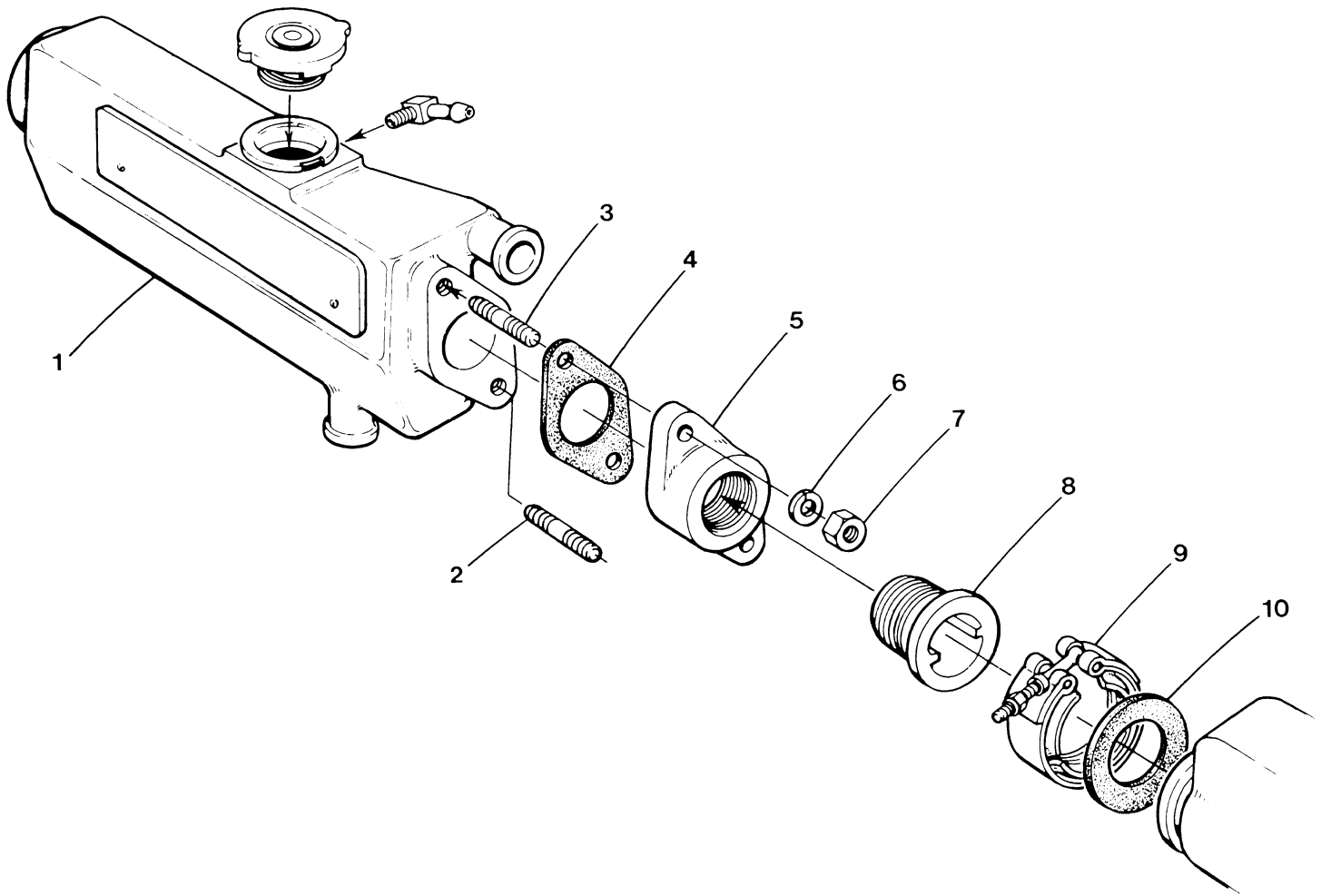
| REF  | PN     | NAME       | REMARKS                               | QUAN |
|------|--------|------------|---------------------------------------|------|
| 1    | 013619 | CAPSCREW   | M 8 X 30 DIN 933                      | 2    |
| 2    | 031786 | LOCKWASHER | M 8 DIN 127                           | 2    |
| 3    | 031787 | WASHER     | M 8 DIN 125                           | 2    |
| 4    | 033968 | HOUSING    | THERMOSTAT                            | 1    |
| 5    | 024688 | THERMOSTAT |                                       | 1    |
| 6    | 033966 | GASKET     | THERMOSTAT                            | 2    |
| 7    | 034423 | SPACER     | THERMOSTAT                            | 1    |
| 8    | 024306 | CAP        | PRESSURE                              | 1    |
| 9    | 021878 | CLAMP      | HOSE 20                               | 4    |
| 10   | 024334 | HOSE       | ELBOW                                 | 2    |
| 11   | 037301 | MANIFOLD   | EXHAUST                               | 1    |
| 12   | 024907 | ELBOW      |                                       | 1    |
| 13   | 034018 | GASKET     | EXHAUST MANIFOLD TO HEAD              | 1    |
| 14   | 031935 | SCREW      | 8-32 X 1/4 OVAL HD SS                 | 2    |
| 15   | 035411 | NAMEPLATE  |                                       | 1    |
| 16   | 036729 | CAPSCREW   | M 8 X 20 DIN 931                      | 6    |
| 17   | 031786 | LOCKWASHER | M 8 DIN 127                           | 8    |
| 18   | 031787 | WASHER     | M 8 DIN 125                           | 8    |
| 19   | 031814 | CAPSCREW   | M 8 X 85 DIN 931                      | 2    |
| 20   | 036456 | TUBE       | 15.0 BTD                              | 1    |
| 21   | 021878 | CLAMP      | HOSE 20                               | 2    |
| 22   | 036325 | HOSE       | EXCHANGER TO TUBE 15.0 BTD            | 1    |
| 23   | 036425 | GASKET     | EXHAUST ELBOW TO MANIFOLD             | 1    |
| 24   | 036541 | CLAMP      | EXHAUST ELBOW TO MANIFOLD             | 1    |
| 25-1 | 037401 | ELBOW KIT  | WATER INJECTED 90 DEG INCL REF 23-27  | 1    |
| 25-2 | 037402 | ELBOW KIT  | WATER INJECTED 45 DEG INCL REF 23-27  | 1    |
| 26-1 | 036614 | ELBOW      | 3/4 NPT TO 1" HOSE 90 DEGREE ELBOW    | 1    |
| 26-2 | 036616 | ELBOW      | 1/2 NPT TO 1" HOSE 45 DEGREE ELBOW    | 1    |
| 27-1 | 036849 | PLUG       | 3/4 NPT SQ HEAD BRASS 90 DEGREE ELBOW | 1    |
| 27-2 | 035747 | PLUG       | 1/2 NPT SQ HEAD BRASS 45 DEGREE ELBOW | 1    |
| 28   | 030166 | HOSE       | SEA WATER PUMP TO EXCHANGER           | 1    |
| 29   | 033971 | HOSE       | TUBE TO FRESH WATER PUMP              | 1    |
| 30   | 011411 | CLAMP      | HOSE 32                               | 1    |
| 31   | 021878 | CLAMP      | HOSE 20                               | 3    |
| 32   | 011386 | CLAMP      | HOSE 12                               | 2    |
| 33   | 013741 | CLAMP      | SUPPORT TUBE                          | 1    |
| 34   | 034650 | TUBE       |                                       | 1    |
| 35   | 024974 | HOSE       | 1-3/8" WIRE INSERTED-INCHES REQUIRED  | 3    |
| 36   | 031506 | CAPSCREW   | 1/4NC X 1-1/4                         | 2    |
| 37   | 031752 | LOCKWASHER | 1/4                                   | 2    |
| 38   | 031753 | WASHER     | FLAT 1/4                              | 2    |
| 39   | 036898 | EXCHANGER  | HEAT                                  | 1    |
| 40-1 | 036614 | ELBOW      | 3/4 NPT TO 1" HOSE 15.0 BTD           | 1    |
| 40-2 | 036622 | NIPPLE     | 3/4 NPT X 1" HOSE W46                 | 1    |
| 41-1 | 013619 | CAPSCREW   | M 8 X 30 DIN 933 W46 FROM JAN 85      | 2    |
| 41-2 | 031556 | CAPSCREW   | 5/16NC X 1-1/4 W46 TO JAN 85          | 2    |
| 41-3 | 031555 | CAPSCREW   | 5/16NC X 1 15.0 BTD                   | 2    |



WESTERBEKE 46 - 15.0 BTD - COOLING SYSTEM

| REF  | PN     | NAME       | REMARKS                               | QUAN |
|------|--------|------------|---------------------------------------|------|
| 42-1 | 031786 | LOCKWASHER | M 8 DIN 127                           | 2    |
| 42-2 | 031758 | LOCKWASHER | 5/16                                  | 2    |
| 43-1 | 031787 | WASHER     | M 8 DIN 125                           | 2    |
| 43-2 | 031759 | WASHER     | FLAT 5/16                             | 2    |
| 44   | 036628 | SPACER     | EXCHANGER MOUNT 15.0 BTD              | 1    |
| 45   | 011471 | PETCOCK    |                                       | 1    |
| 46   | 011885 | ZINC       |                                       | 1    |
| 47   | 019321 | O-RING     |                                       | 2    |
| 48   | 022850 | COVER      | EXCHANGER END                         | 2    |
| 49   | 022852 | CAPSCREW   | 3/8NC X 1/2 BRASS                     | 2    |
| 50   | 022851 | GASKET     | EXCHANGER END COVER                   | 2    |
| 51   | 031530 | COOLER     | LUBE OIL W46                          | 1    |
| 52   | 022559 | CLAMP      | HOSE 40                               | 1    |
| 53   | 034549 | BRACKET    | COOLER SUPPORT WITH EXTRUDED MANIFOLD | 1    |
| 54   | 011471 | PETCOCK    |                                       | 1    |
| 55   | 024974 | HOSE       | 1-3/8" WIRE INSERTED-INCHES REQUIRED  | 2    |
| 56   | 021878 | CLAMP      | HOSE 20                               | 2    |
| 57   | 030165 | SPRING     | FLOWCONTROL W46                       | 1    |
| 58   | 034432 | HOUSING    | FLOWCONTROL W46                       | 1    |
| 59   | 011386 | CLAMP      | HOSE 12                               | 2    |
| 60   | 030962 | RETURNBEND | HOSE WHEN HEATER NOT INSTALLED        | 1    |
| 61   | 024974 | HOSE       | 1-3/8" WIRE INSERTED-INCHES REQUIRED  | 2    |
| 62   | 024977 | KIT        | COOLANT RECOVERY TANK                 | 1    |
| 63   | 024906 | CLAMP      | HOSE                                  | 2    |
| 64   | 024637 | TUBING     | INCHES REQUIRED                       | 60   |
| 65   | 024704 | TANK       | COOLANT RECOVERY                      | 1    |
| 66   | 024786 | STRAP      | COOLANT RECOVERY TANK MOUNTING        | 1    |
| 67   | 024858 | CAP        | COOLANT RECOVERY TANK                 | 1    |

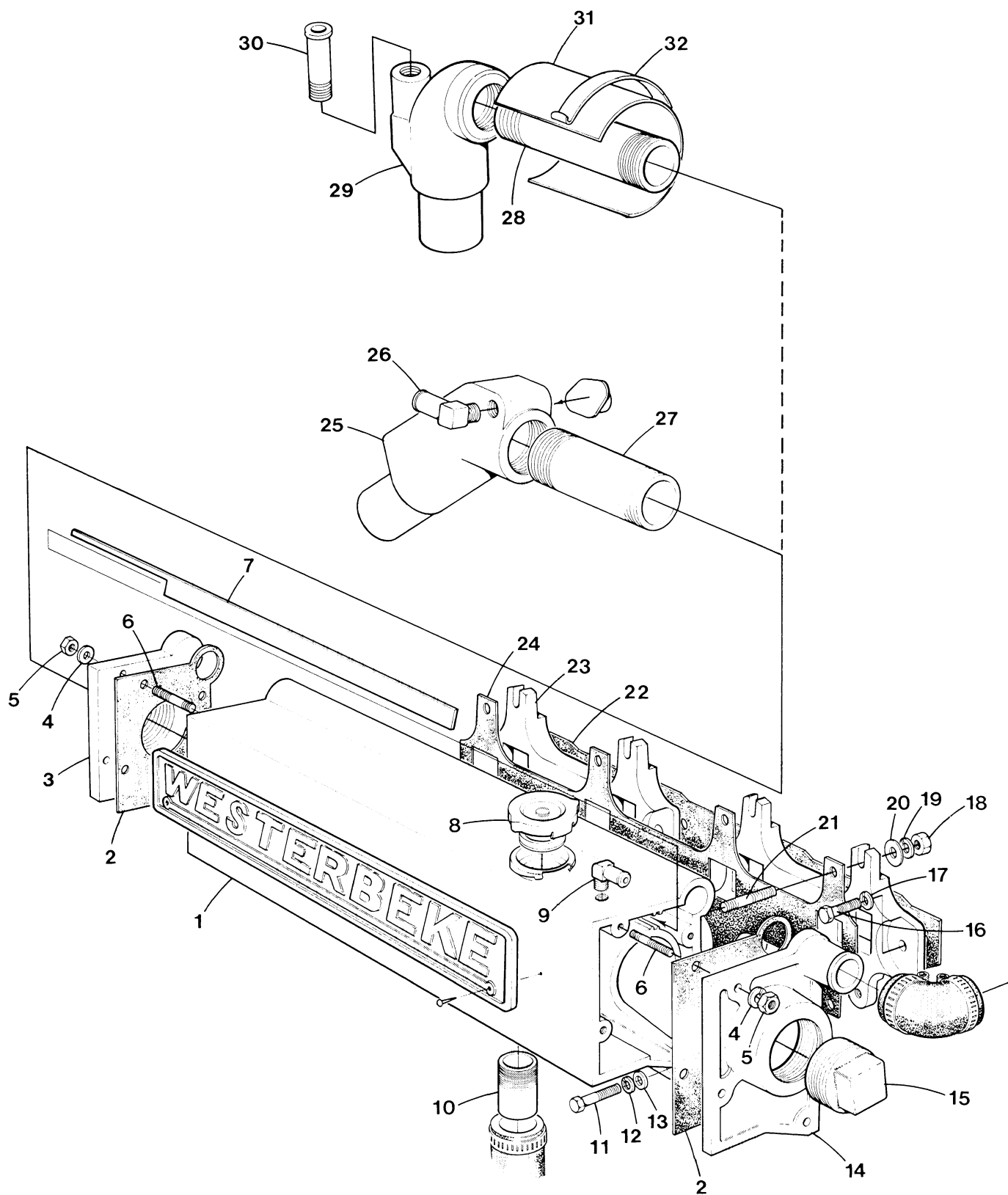
WESTERBEKE 46 - 15.0 BTD - FRONT OPENING EXHAUST MANIFOLD



WESTERBEKE 46 - 15.0 BTD - FRONT OPENING EXHAUST MANIFOLD

| REF | PN     | NAME       | REMARKS                  | QUAN |
|-----|--------|------------|--------------------------|------|
| 1   | 037331 | MANIFOLD   | FRONT EXHAUST            | 1    |
| 2   | 016415 | STUD       | 3/8NC X 1-1/2            | 1    |
| 3   | 016466 | STUD       | 3/8NC X 1-3/4            | 1    |
| 4   | 037267 | GASKET     | FLANGE TO MANIFOLD       | 1    |
| 5   | 037270 | FLANGE     | MANIFOLD TO ADAPTER      | 1    |
| 6   | 031764 | LOCKWASHER | 3/8                      | 2    |
| 7   | 031762 | NUT        | 3/8NC                    | 2    |
| 8   | 036660 | ADAPTER    | EXHAUST ELBOW TO FLANGE  | 1    |
| 9   | 036425 | GASKET     | EXHAUST ELBOW TO ADAPTER | 1    |
| 10  | 036541 | CLAMP      | EXHAUST ELBOW TO ADAPTER | 1    |

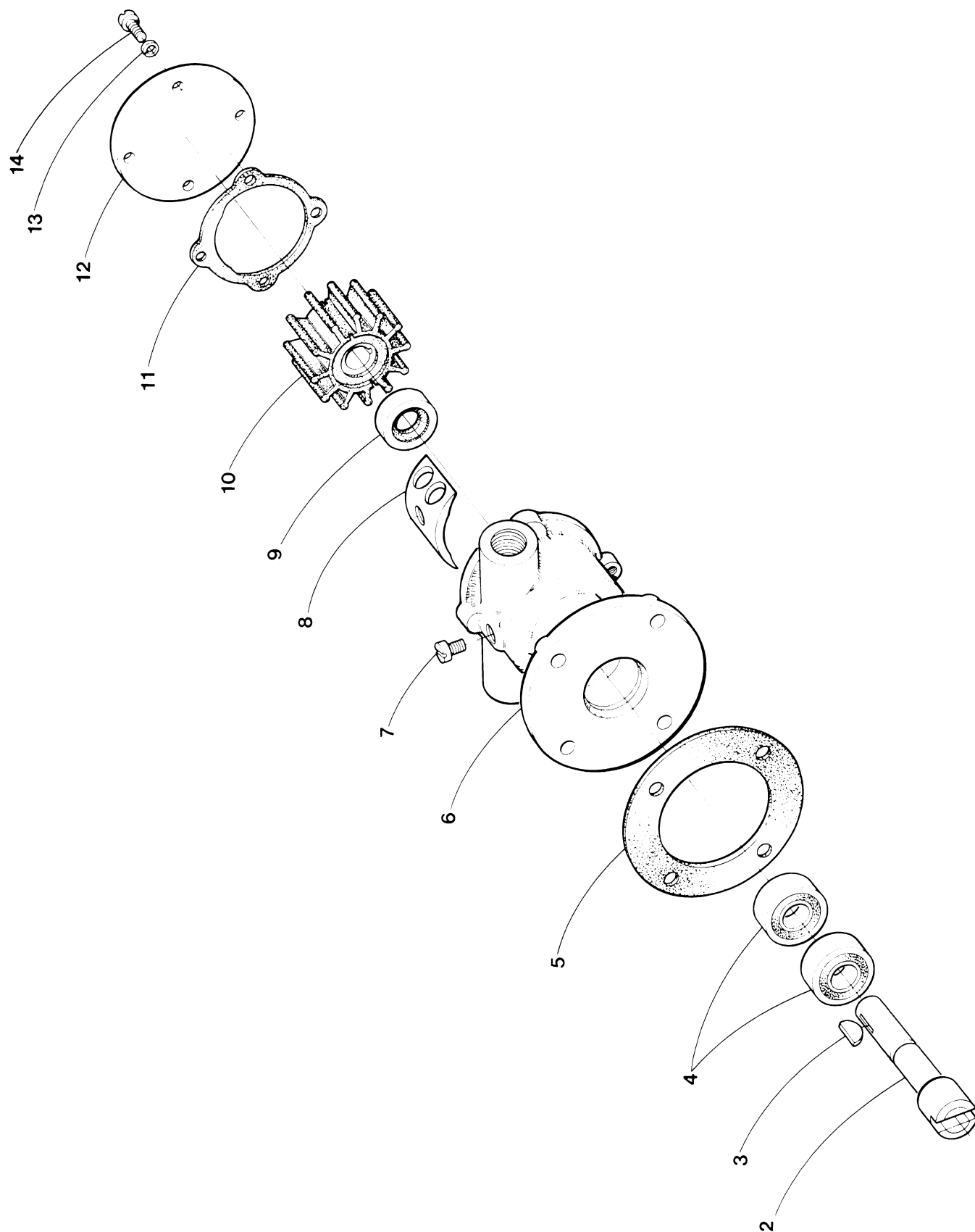
WESTERBEKE 46 - 15.0 BTD - EXTRUDED EXHAUST MANIFOLD



WESTERBEKE 46 - 15.0 BTD - EXTRUDED EXHAUST MANIFOLD

| REF | PN     | NAME       | REMARKS                        | QUAN |
|-----|--------|------------|--------------------------------|------|
| 1-1 |        | MANIFOLD   | EXHAUST-OBSOLETE USE KIT       | 1    |
| 1-2 | 037172 | KIT        | EXHAUST MANIFOLD REAR OPENING  | 1    |
| 1-3 | 037330 | KIT        | EXHAUST MANIFOLD FRONT OPENING | 1    |
| 2   | 036609 | GASKET     | MANIFOLD END                   | 2    |
| 3   | 033856 | FLANGE     | MANIFOLD REAR                  | 1    |
| 4   | 031758 | LOCKWASHER | 5/16                           | 8    |
| 5   | 031760 | NUT        | 5/16NF                         | 8    |
| 6   | 011263 | STUD       | MANIFOLD END                   | 8    |
| 7   |        | BAFFLE     |                                | 1    |
| 8   | 024306 | CAP        | PRESSURE                       | 1    |
| 9   | 024907 | ELBOW      | MANIFOLD TO RECOVERY TANK HOSE | 1    |
| 10  | 034424 | NIPPLE     | 1 NPT TO 1-3/8" HOSE           | 1    |
| 11  | 031555 | CAPSCREW   | 5/16NC X 1                     | 4    |
| 12  | 031758 | LOCKWASHER | 5/16                           | 4    |
| 13  | 031759 | WASHER     | FLAT 5/16                      | 4    |
| 14  | 033852 | FLANGE     | MANIFOLD FRONT                 | 1    |
| 15  | 019324 | PLUG       | UNUSED EXHAUST OUTLET          | 1    |
| 16  | 017196 | CAPSCREW   | M 8 X 20 DIN 933               | 8    |
| 17  | 031786 | LOCKWASHER | M 8 DIN 127                    | 8    |
| 18  | 031760 | NUT        | 5/16NF                         | 4    |
| 19  | 031758 | LOCKWASHER | 5/16                           | 4    |
| 20  | 031759 | WASHER     | FLAT 5/16                      | 4    |
| 21  | 034685 | STUD       | MANIFOLD TO ADAPTER            | 4    |
| 22  | 034018 | GASKET     | ADAPTER TO HEAD                | 1    |
| 23  | 033762 | ADAPTER    | MANIFOLD TO HEAD               | 1    |
| 24  | 034019 | GASKET     | MANIFOLD TO ADAPTER            | 1    |
| 25  | 034486 | ELBOW      | 45 DEG INJECTED EXHAUST        | 1    |
| 26  | 030183 | ELBOW      | 1/2 NPT TO 7/8" HOSE           | 1    |
| 27  | 024141 | NIPPLE     | 1.5 NPT X 3                    | 1    |
| 28  | 034827 | NIPPLE     | 1.5 NPT X 5                    | 1    |
| 29  | 015985 | ELBOW      | 90 DEG INJECTED EXHAUST        | 1    |
| 30  | 032230 | NIPPLE     | 1/2 NPT TO 7/8" HOSE           | 1    |
| 31  | 030060 | INSULATOR  | EXHAUST NIPPLE                 | 1    |
| 32  | 030058 | CLAMP      | INSULATOR RETAINING            | 2    |

WESTERBEKE 46 - 15.0 BTD - SEA WATER PUMP

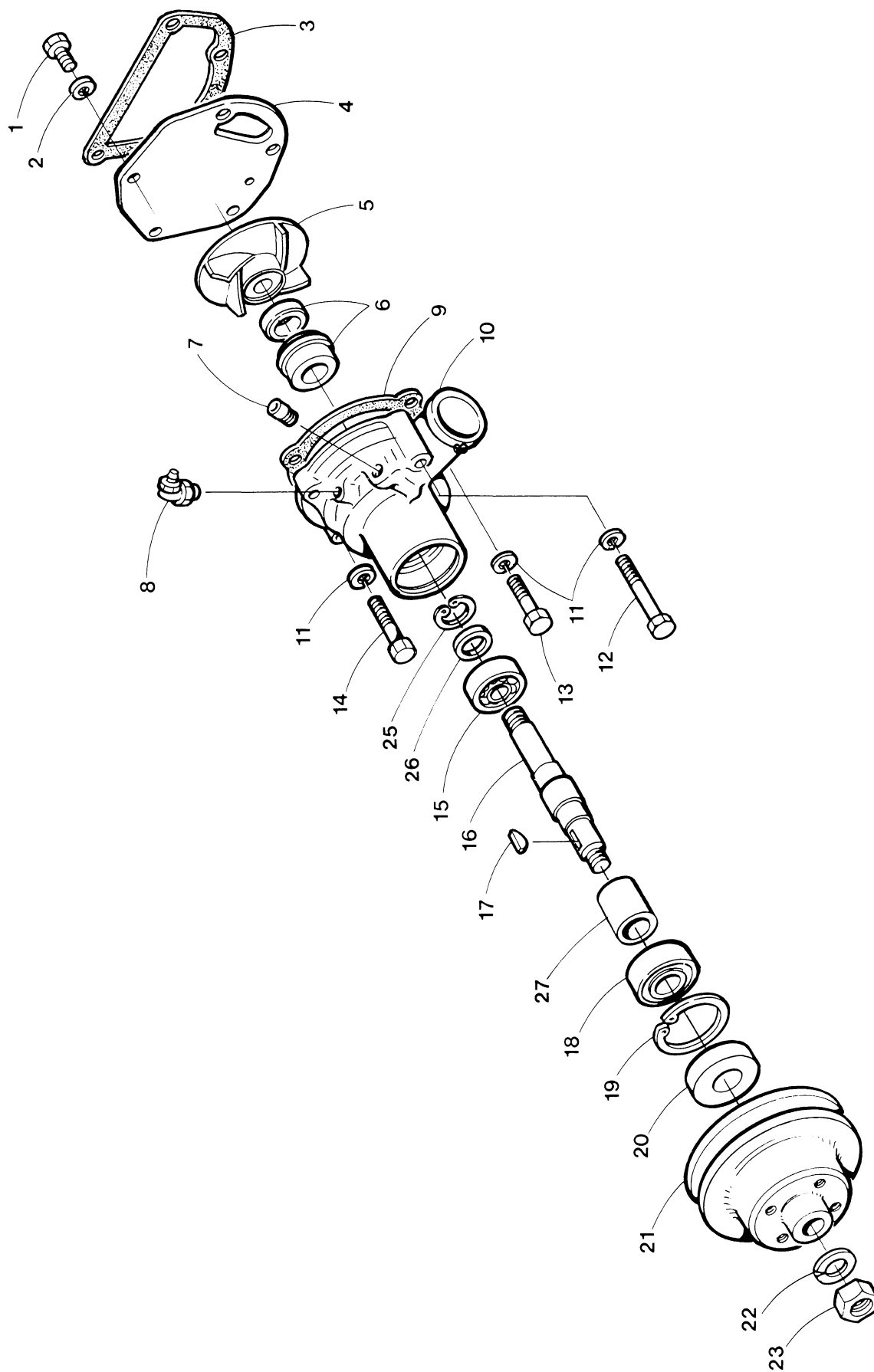




WESTERBEKE 46 - 15.0 BTD - SEA WATER PUMP

| REF | PN     | NAME       | REMARKS                                 | QUAN |
|-----|--------|------------|-----------------------------------------|------|
| 1   | 016423 | PUMP       | SEA WATER COMPLETE EXCL MOUNTING GASKET | 1    |
| 2   | 018176 | SHAFT      |                                         | 1    |
| 3   | 018148 | KEY        | IMPELLER TO SHAFT                       | 1    |
| 4   | 018170 | BEARING    |                                         | 2    |
| 5   | 011143 | GASKET     | PUMP MOUNTING                           | 1    |
| 6   | 018169 | HOUSING    | PUMP BODY                               | 1    |
| 7   | 018160 | SCREW      | CAM RETAINING BRASS                     | 1    |
| 8   | 018152 | CAM        |                                         | 1    |
| 9   | 018159 | SEAL       |                                         | 1    |
| 10  | 033104 | KIT        | IMPELLER AND GASKET                     | 1    |
| 11  | 015153 | GASKET     | IMPELLER COVER                          | 1    |
| 12  | 018171 | COVER      | IMPELLER                                | 1    |
| 13  | 032183 | LOCKWASHER |                                         | 4    |
| 14  | 018151 | SCREW      | IMPELLER COVER BRASS                    | 4    |
| 15  | 018172 | KIT        | MAJOR REPAIR                            | 1    |

# WESTERBEKE 46 - 15.0 BTD - FRESH WATER PUMP

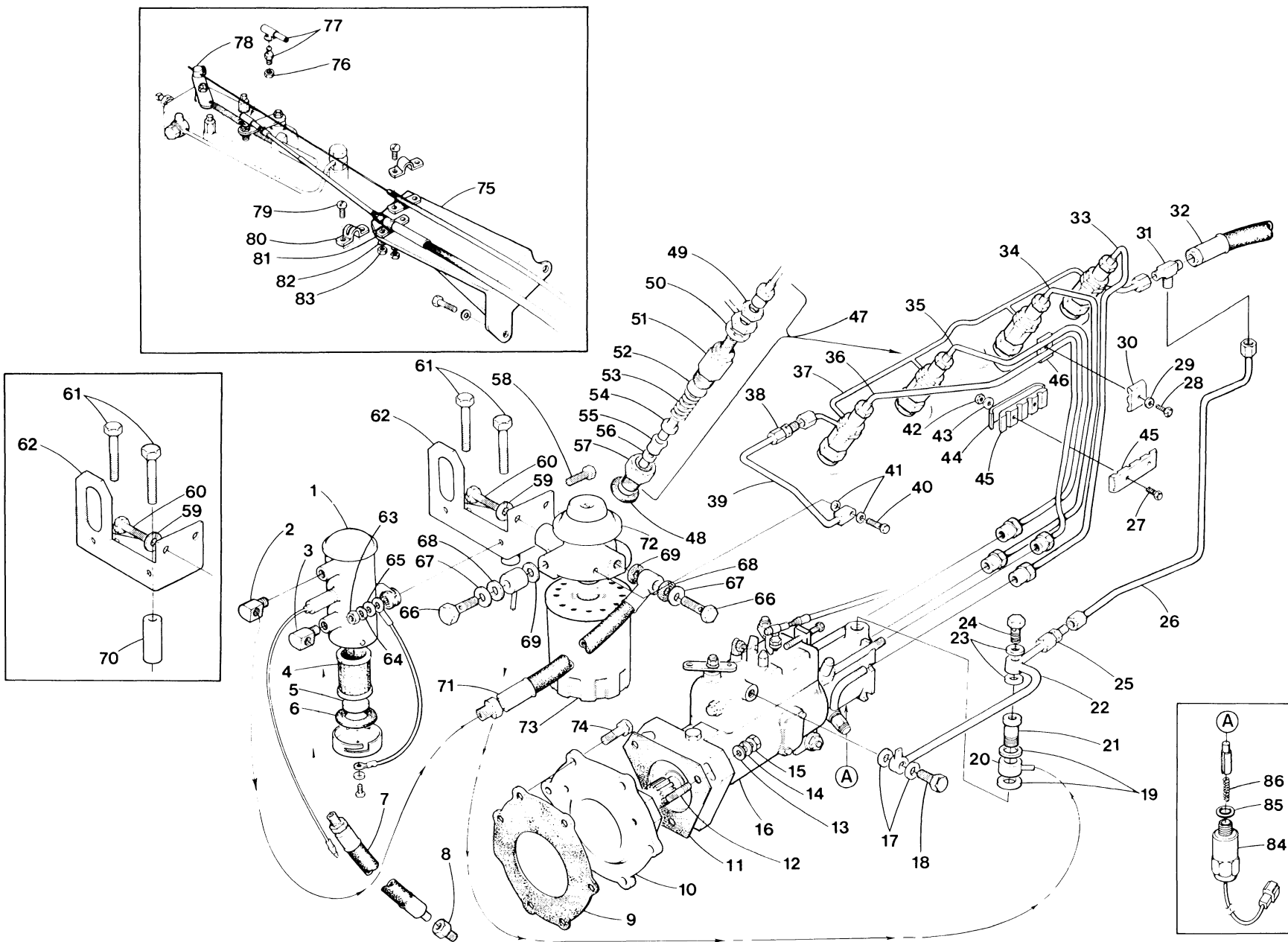


WESTERBEKE 46 - 15.0 BTD - FRESH WATER PUMP

| REF  | PN     | NAME       | REMARKS                   | QUAN |
|------|--------|------------|---------------------------|------|
| 1    | 016789 | CAPSCREW   | M 8 X 16 DIN 933          | 2    |
| 2    | 031786 | LOCKWASHER | M 8 DIN 127               | 2    |
| 3    | 034371 | GASKET     | WATER PUMP TO BLOCK       | 1    |
| 4    | 034373 | COVER      | FRESH WATER PUMP          | 1    |
| 5-1  | 034375 | IMPELLER   | TO S/N 162785             | 1    |
| 5-2  | 038832 | IMPELLER   | FROM S/N 162786           | 1    |
| 6    | 034253 | SEAL       |                           | 1    |
| 7    | 030711 | PLUG       | TO S/N 162785             | 1    |
| 8    | 034961 | CONNECTOR  | GREASE FITTING            | 1    |
| 9    | 034374 | GASKET     | PUMP COVER                | 1    |
| 10   | 034370 | PUMP       | FRESH WATER               | 1    |
| 11   | 019262 | LOCKWASHER | M10 DIN 127               | 4    |
| 12   | 031820 | CAPSCREW   | M10 X 1.25 X 65 DIN 961   | 1    |
| 13   | 024953 | CAPSCREW   | M10 X 1.25 X 35 DIN 961   | 2    |
| 14   | 024955 | CAPSCREW   | M10 X 1.25 X 45 DIN 960   | 1    |
| 15   | 034962 | BEARING    |                           | 1    |
| 16-1 | 034372 | SHAFT      | TO S/N 162785             | 1    |
| 16-2 | 038833 | SHAFT      | FROM S/N 162786           | 1    |
| 17   | 034964 | KEY        | WOODRUFF                  | 1    |
| 18   | 034963 | BEARING    |                           | 1    |
| 19   | 024413 | RING       | RETAINING                 | 1    |
| 20   | 034391 | SPACER     |                           | 1    |
| 21-1 | 034392 | PULLEY     | FRESH WATER PUMP 1 GROOVE | 1    |
| 21-2 | 034868 | PULLEY     | FRESH WATER PUMP 2 GROOVE | 1    |
| 22   | 031797 | LOCKWASHER | M14 DIN 127               | 1    |
| 23   | 031808 | NUT        | M14 JAM                   | 1    |
| 25   | 038339 | RING       | RETAINING FROM S/N 162786 | 1    |
| 26   | 038844 | WASHER     | FROM S/N 162786           | 1    |
| 27   | 038840 | SPACER     | BEARING FROM S/N 162786   | 1    |

# WESTERBEKE 46 - 15.0 BTD - FUEL SYSTEM

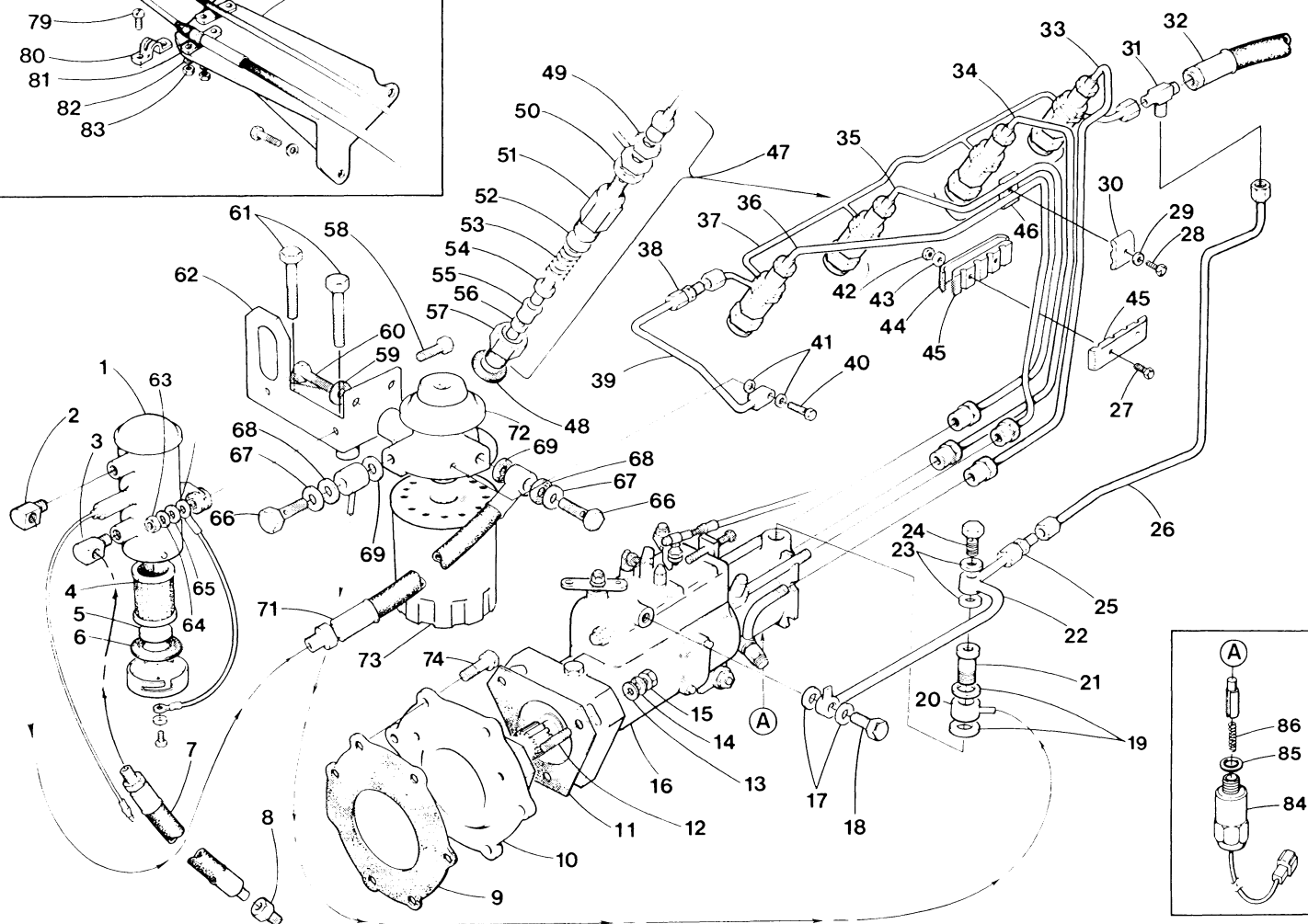
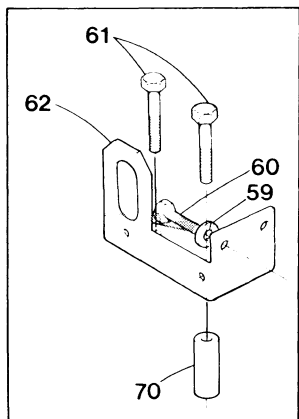
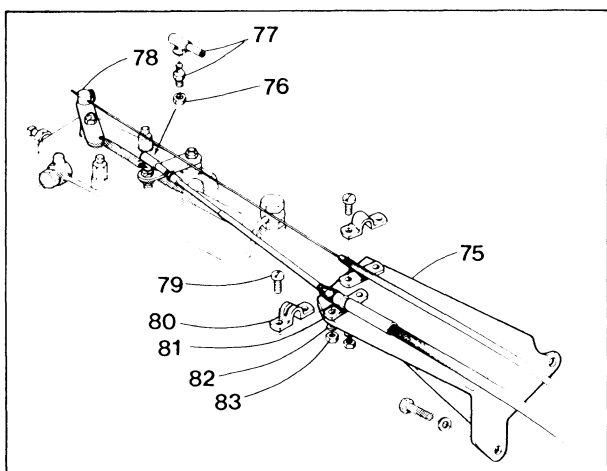
130



WESTERBEKE 46 - 15.0 LTD - FUEL SYSTEM

| REF  | PN     | NAME       | REMARKS                              | QUAN |
|------|--------|------------|--------------------------------------|------|
| 1    | 024831 | PUMP       | ELECTRIC FUEL LIFT 12VDC             | 1    |
| 2    | 022513 | ELBOW      | LIFT PUMP TO LINE                    | 1    |
| 3    | 013340 | ELBOW      | 1/8 NPT STREET 90                    | 1    |
| 4    | 030548 | ELEMENT    | LIFT PUMP FILTER INCL GASKET         | 1    |
| 5    | 033792 | MAGNET     | LIFT PUMP                            | 1    |
| 6    | 033484 | GASKET     | LIFT PUMP FILTER COVER               | 1    |
| 7    | 030025 | HOSE       | FUEL SUPPLY WITH ADAPTER             | 1    |
| 8    | 015289 | ADAPTER    |                                      | 1    |
| 9-1  | 034274 | GASKET     | ADAPTER TO PLATE TO S/N 156231       | 1    |
| 9-2  | 039121 | O-RING     | ADAPTER TO PLATE FROM S/N 156232     | 1    |
| 10-1 | 034278 | ADAPTER    | INJECTION PUMP MOUNT TO JUNE 1985    | 1    |
| 10-2 | 036168 | ADAPTER    | INJECTION PUMP MOUNT TO S/N 156231   | 1    |
| 10-3 | 039120 | ADAPTER    | INJECTION PUMP MOUNT FROM S/N 156232 | 1    |
| 11   | 034275 | GASKET     | INJECTION PUMP TO ADAPTER            | 1    |
| 12   | 015830 | STUD       | M 8 X 25 DIN 939                     | 3    |
| 13   | 031787 | WASHER     | M 8 DIN 125                          | 3    |
| 14   | 031786 | LOCKWASHER | M 8 DIN 127                          | 3    |
| 15   | 018242 | NUT        | M 8 DIN 934                          | 3    |
| 16-1 | 034378 | PUMP       | FUEL INJECTION TO JUNE 1985          | 1    |
| 16-2 | 036169 | PUMP       | FUEL INJECTION W46                   | 1    |
| 16-3 | 037760 | PUMP       | FUEL INJECTION 15.0 LTD              | 1    |
| 17   | 034448 | WASHER     | BANJO                                | 2    |
| 18   | 034450 | BOLT       | BANJO                                | 1    |
| 19   | 030291 | WASHER     | BANJO M14                            | 2    |
| 20   | 034483 | LINE       | FUEL FILTER TO INJECTION PUMP        | 1    |
| 21   | 036173 | KIT        | CHECK VALVE ASSY INCL REF 21,23,24   | 1    |
| 22   | 034184 | LINE       |                                      | 1    |
| 23   | 034448 | WASHER     | BANJO                                | 2    |
| 24   |        | VALVE      | CHECK                                | 1    |
| 25-1 | 024600 | UNION      | COMPRESSION INCL NUTS AND FERRULES   | 1    |
| 25-2 | 013343 | FERRULE    |                                      | 2    |
| 25-3 | 013344 | NUT        | COMPRESSION                          | 2    |
| 26   | 033959 | LINE       | INJECTION PUMP TO INJECTOR LEAK-OFF  | 1    |
| 27   | 013630 | CAPSCREW   | M 8 X 25 DIN 933                     | 2    |
| 28   | 020628 | CAPSCREW   | M 6 X 25 DIN 933                     | 2    |
| 29   | 031783 | LOCKWASHER | M 6 DIN 127                          | 2    |
| 30   | 030315 | CLAMP      | FUEL LINE                            | 2    |
| 31-1 | 019291 | TEE        | COMPRESSION INCL NUTS AND FERRULES   | 1    |
| 31-2 | 013343 | FERRULE    |                                      | 2    |
| 31-3 | 013344 | NUT        | COMPRESSION                          | 2    |
| 32   | 034857 | HOSE       | FUEL RETURN                          | 1    |
| 33-1 | 034280 | LINE       | INJECTOR 4 TO S/N 159664             | 1    |
| 33-2 | 038837 | LINE       | INJECTOR 4 FROM S/N 159665           | 1    |
| 34-1 | 034279 | LINE       | INJECTOR 3 TO S/N 159664             | 1    |
| 34-2 | 038836 | LINE       | INJECTOR 3 FROM S/N 159665           | 1    |
| 35-1 | 034277 | LINE       | INJECTOR 2 TO S/N 159664             | 1    |
| 35-2 | 038835 | LINE       | INJECTOR 2 FROM S/N 159665           | 1    |
| 36-1 | 034276 | LINE       | INJECTOR 1 TO S/N 159664             | 1    |
| 36-2 | 038834 | LINE       | INJECTOR 1 FROM S/N 159665           | 1    |

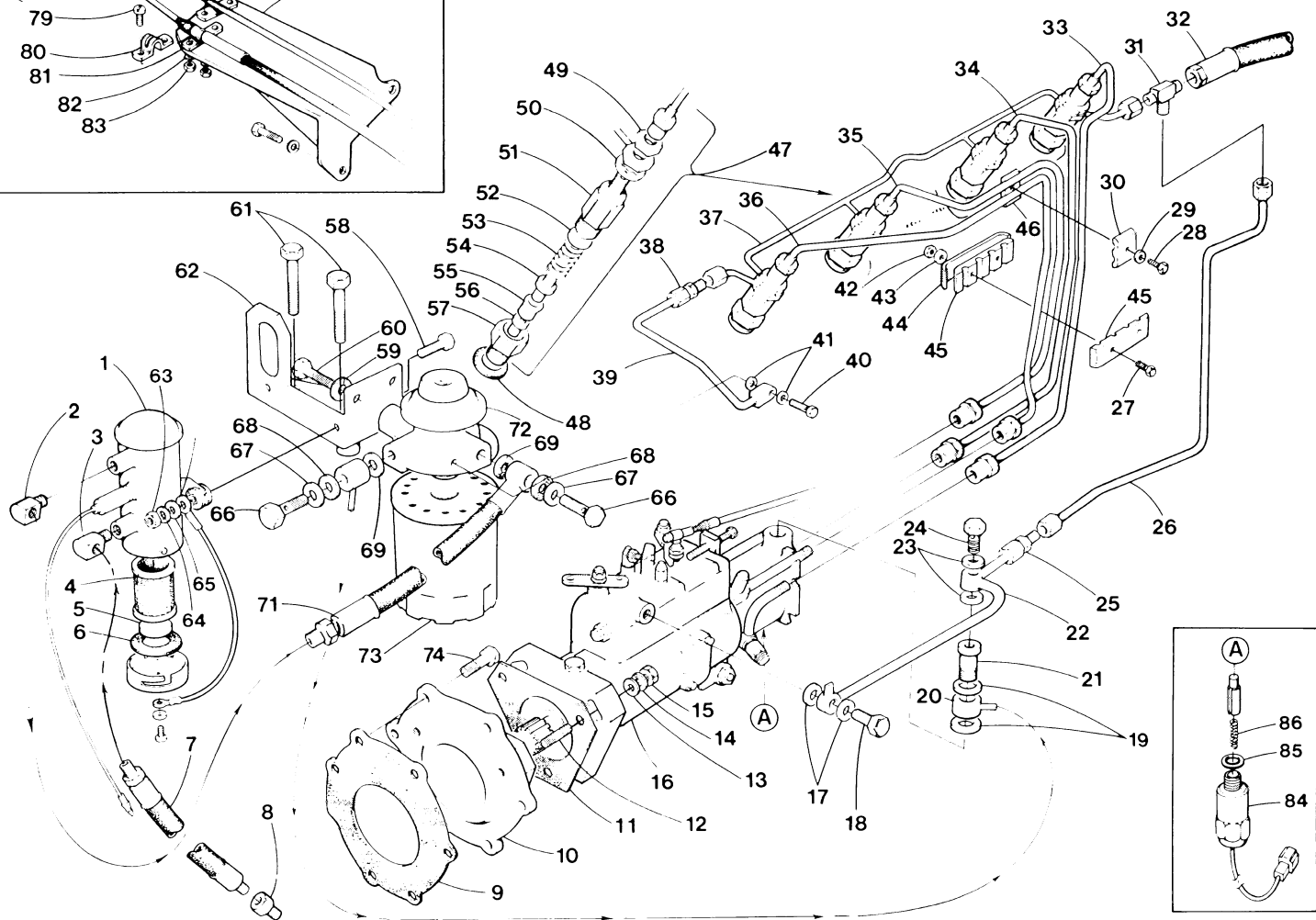
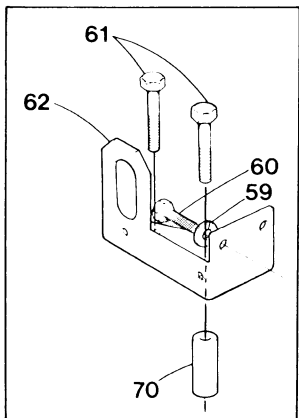
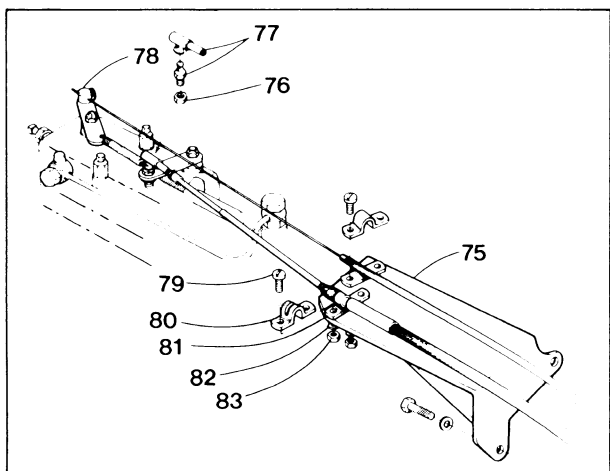
# WESTERBEKE 46 - 15.0 BTD - FUEL SYSTEM



WESTERBEKE 46 - 15.0 BTD - FUEL SYSTEM

| REF  | PN     | NAME       | REMARKS                            | QUAN |
|------|--------|------------|------------------------------------|------|
| 37-1 | 033961 | LINE       | INJECTOR LEAK-OFF TO S/N 159664    | 1    |
| 37-2 | 038838 | LINE       | INJECTOR LEAK-OFF FROM S/N 159665  | 1    |
| 38-1 | 024600 | UNION      | COMPRESSION INCL NUTS AND FERRULES | 1    |
| 38-2 | 013343 | FERRULE    |                                    | 2    |
| 38-3 | 013344 | NUT        | COMPRESSION                        | 2    |
| 39   | 034496 | LINE       | INJECTOR LEAK-OFF TO FILTER        | 1    |
| 40   | 034493 | BOLT       | BANJO                              | 1    |
| 41   | 032869 | WASHER     | BANJO                              | 2    |
| 42   | 018242 | NUT        | M 8 DIN 934                        | 2    |
| 43   | 031786 | LOCKWASHER | M 8 DIN 127                        | 2    |
| 44   | 034388 | CLAMP      | FUEL LINE                          | 2    |
| 45   | 034389 | ISOLATOR   | FUEL LINE                          | 2    |
| 46   | 030316 | CLAMP      | FUEL LINE                          | 2    |
| 47-1 | 034376 | INJECTOR   | TO S/N 159664                      | 4    |
| 47-2 | 038842 | INJECTOR   | FROM S/N 159665                    | 4    |
| 48-1 | 034281 | GASKET     | INJECTOR TO HEAD TO S/N 159664     | 4    |
| 48-2 | 038841 | GASKET     | INJECTOR TO HEAD FROM S/N 159665   | 4    |
| 49-1 | 034251 | NUT        | INJECTOR TO LINE TO S/N 159664     | 4    |
| 49-2 | 038843 | NUT        | INJECTOR TO LINE FROM S/N 159665   | 4    |
| 50-1 | 034250 | GASKET     | INJECTOR TO LINE TO S/N 159664     | 4    |
| 50-2 | 038825 | GASKET     | INJECTOR TO LINE FROM S/N 159665   | 4    |
| 51   |        | BODY       | INJECTOR                           | 4    |
| 52   |        | SHIM       |                                    | AR   |
| 53   |        | SPRING     |                                    | 4    |
| 54   |        | PIN        | PRESSURE                           | 4    |
| 55   |        | SPACER     |                                    | 4    |
| 56-1 | 034377 | NOZZLE     | INJECTOR 34376                     | 4    |
| 56-2 | 038845 | NOZZLE     | INJECTOR 38842                     | 4    |
| 57   |        | NUT        | NOZZLE RETAINING                   | 4    |
| 58   | 013590 | CAPSCREW   | M 6 X 30 DIN 933                   | 2    |
| 59   | 019262 | LOCKWASHER | M10 DIN 127                        | 2    |
| 60   | 024952 | CAPSCREW   | M10 X 1.25 X 25 DIN 961            | 2    |
| 61   | 033637 | BOLT       | CYLINDER HEAD                      | 2    |
| 62   | 034026 | BRACKET    | FILTER,LIFT PUMP,LIFTING EYE       | 1    |
| 63   | 015812 | NUT        | M 6 DIN 934                        | 2    |
| 64   | 031783 | LOCKWASHER | M 6 DIN 127                        | 2    |
| 65   | 031784 | WASHER     | M 6 DIN 125                        | 2    |
| 66   | 030139 | BOLT       | BANJO                              | 2    |
| 67   | 024972 | WASHER     |                                    | 2    |
| 68   | 030291 | WASHER     | BANJO M14                          | 2    |
| 69   | 030290 | WASHER     | BANJO M12                          | 2    |

# WESTERBEKE 46 - 15.0 BTD - FUEL SYSTEM

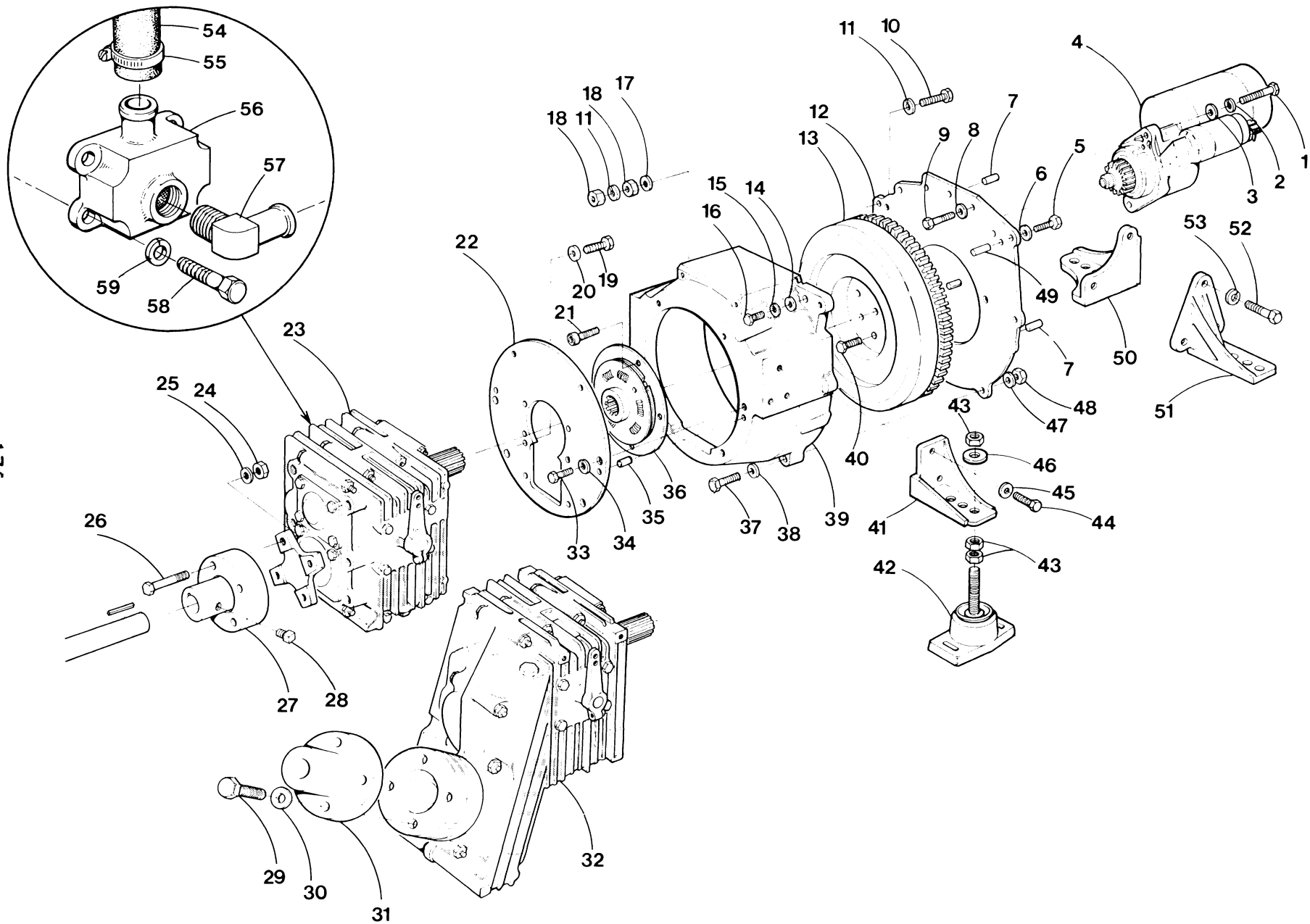




WESTERBEKE 46 - 15.0 BTD - FUEL SYSTEM

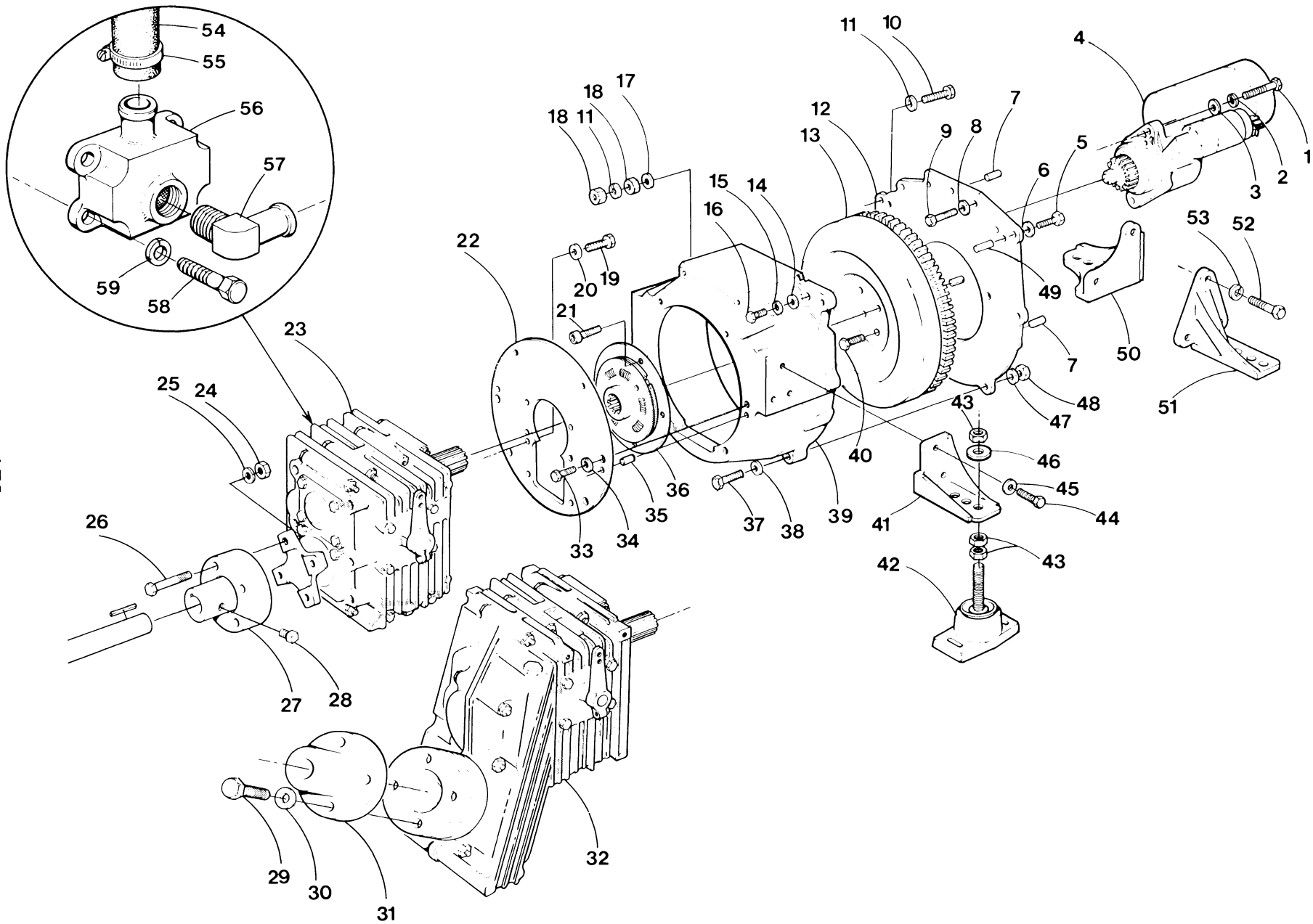
| REF  | PN     | NAME       | REMARKS                            | QUAN |
|------|--------|------------|------------------------------------|------|
| 70   | 034189 | SPACER     | BRACKET TO HEAD                    | 1    |
| 71   | 034489 | HOSE       | LIFT PUMP TO FILTER INCL ELBOW     | 1    |
| 72   | 032696 | FILTER     | FUEL, COMPLETE                     | 1    |
| 73   | 024363 | FILTER     | FUEL ELEMENT                       | 1    |
| 74-1 | 034256 | CAPSCREW   | M 8 X 20 WITH LOCKWASHER & SEALANT | 1    |
| 74-2 | 034257 | CAPSCREW   | M 8 X 30 WITH LOCKWASHER & SEALANT | 1    |
| 75   | 034662 | BRACKET    | THROTTLE CABLE W46                 | 1    |
| 76   | 031754 | NUT        | 1/4NF                              | 1    |
| 77   | 033482 | BALL JOINT | THROTTLE CABLE W46                 | 1    |
| 78-1 | 019370 | PIVOT      | STOP LEVER W46                     | 1    |
| 78-2 | 011796 | COTTER PIN |                                    | 1    |
| 79   | 031873 | SCREW      | 10-32 X 5/8 SS                     | 2    |
| 80   | 013325 | CLAMP      | THROTTLE CABLE W46                 | 1    |
| 81   | 013870 | SHIM       | THROTTLE CABLE CLAMP               | 1    |
| 82   | 031849 | LOCKWASHER | 10                                 | 2    |
| 83   | 031847 | NUT        | 10-32                              | 2    |
| 84   | 036172 | SOLENOID   | FUEL SHUT-OFF 12VDC                | 1    |
| 85   | 036171 | O-RING     | FUEL SOLENOID TO INJECTION PUMP    | 1    |
| 86   | 036170 | SPRING     | FUEL SHUT-OFF SOLENOID             | 1    |

WESTERBEKE 46 - BACK END - MODEL HBW TRANSMISSION - MOUNTING SYSTEM



WESTERBEKE 46 - BACK END - MODEL HBW TRANSMISSION - MOUNTING SYSTEM

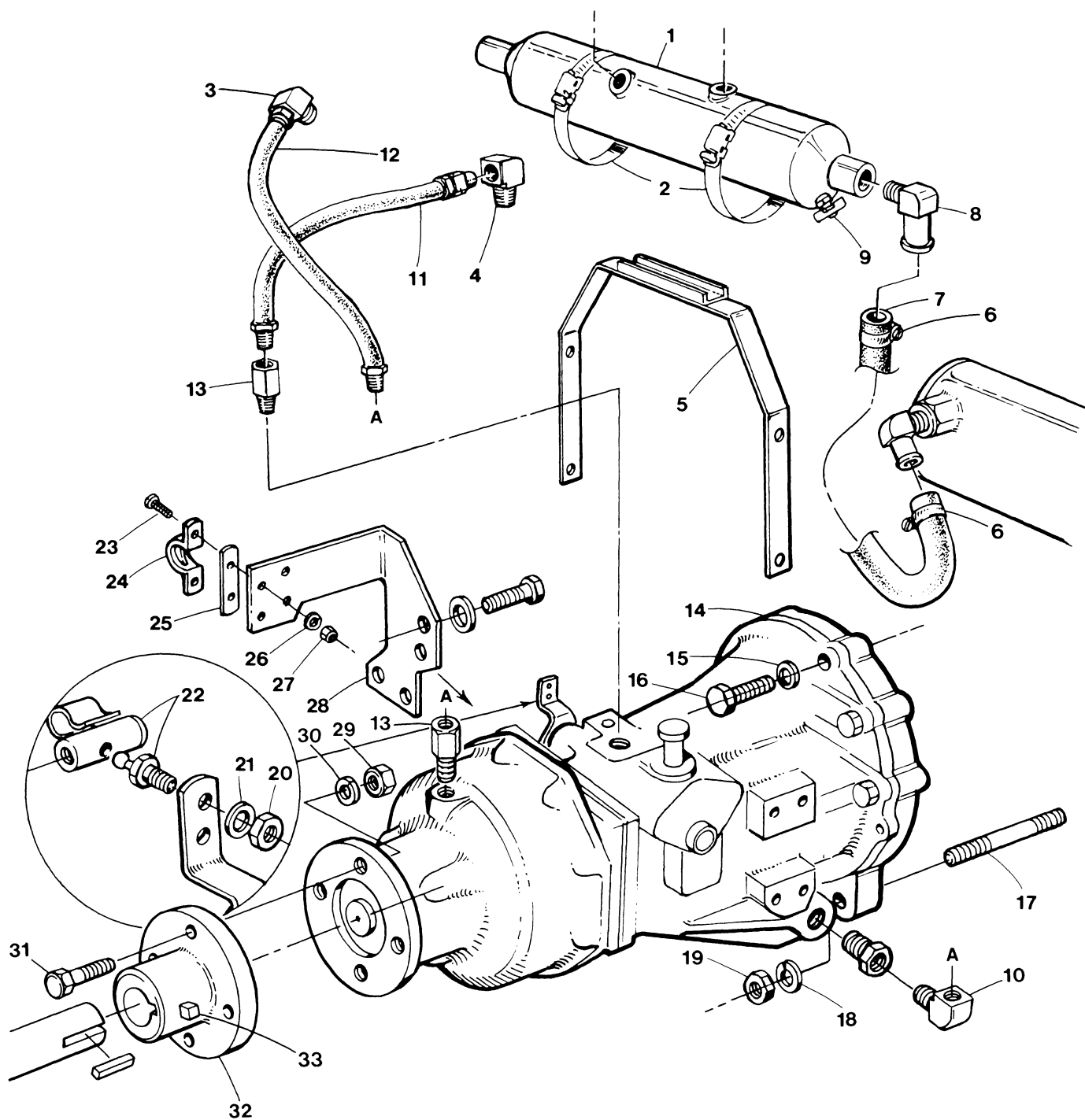
| REF  | PN     | NAME       | REMARKS                           | QUAN |
|------|--------|------------|-----------------------------------|------|
| 1-1  | 013629 | CAPSCREW   | M10 X 25 DIN 933                  | 2    |
| 1-2  | 024950 | NUT        | M10 X 1.25 DIN 934                | 2    |
| 1-3  | 037762 | STUD       | STARTER                           | 2    |
| 2    | 019262 | LOCKWASHER | M10 DIN 127                       | 2    |
| 3    | 031789 | WASHER     | M10 DIN 125                       | 2    |
| 4    | 030593 | MOTOR      | STARTER 12 VDC                    | 1    |
| 5    | 034589 | CAPSCREW   | M10 X 30 DIN 933                  | 4    |
| 6    | 019262 | LOCKWASHER | M10 DIN 127                       | 4    |
| 7    | 034905 | DOWEL      | BLOCK TO BACKPLATE                | 2    |
| 8    | 019262 | LOCKWASHER | M10 DIN 127                       | 7    |
| 9    | 013629 | CAPSCREW   | M10 X 25 DIN 933                  | 7    |
| 10   | 038394 | CAPSCREW   | BATTERY GROUND                    | 1    |
| 11   | 019262 | LOCKWASHER | M10 DIN 127                       | 2    |
| 12   | 033556 | PLATE      | BACK                              | 1    |
| 13-1 | 034024 | FLYWHEEL   | ASSEMBLY WITH RING GEAR           | 1    |
| 13-2 | 030230 | GEAR       | RING                              | 1    |
| 14   | 031789 | WASHER     | M10 DIN 125                       | 1    |
| 15   | 019262 | LOCKWASHER | M10 DIN 127                       | 1    |
| 16   | 034470 | CAPSCREW   | M10 X 45 DIN 931                  | 1    |
| 17   | 031789 | WASHER     | M10 DIN 125                       | 1    |
| 18   | 015887 | NUT        | M10 DIN 934 BATTERY GROUND        | 2    |
| 19-1 | 020650 | CAPSCREW   | M 8 X 18 DIN 933 HBW150           | 6    |
| 19-2 | 013629 | CAPSCREW   | M10 X 25 DIN 933 HBW250 & V-DRIVE | 6    |
| 20-1 | 031786 | LOCKWASHER | M 8 DIN 127                       | 6    |
| 20-2 | 031790 | LOCKWASHER | M10 DIN 137B                      | 6    |
| 21   | 024778 | CAPSCREW   | DAMPER TO FLYWHEEL                | 5    |
| 22-1 | 031267 | ADAPTER    | HBW150                            | 1    |
| 22-2 | 030063 | ADAPTER    | HBW150V                           | 1    |
| 22-3 | 032553 | ADAPTER    | HBW250                            | 1    |
| 23-1 | 031248 | HBW GEAR   | MODEL 150 1.6:1                   | 1    |
| 23-2 | 024631 | HBW GEAR   | MODEL 150 1.9:1                   | 1    |
| 23-4 | 032566 | HBW GEAR   | MODEL 250 2.7:1                   | 1    |
| 24   | 024950 | NUT        | M10 X 1.25 DIN 934                | 4    |
| 25   | 019262 | LOCKWASHER | M10 DIN 127                       | 4    |
| 26   | 031228 | CAPSCREW   | M10 X 1.25 X 30 DIN 961           | 4    |
| 27-1 | 023706 | COUPLING   | BORE 0.75"                        | 1    |
| 27-2 | 023707 | COUPLING   | BORE 0.875"                       | 1    |
| 27-3 | 023708 | COUPLING   | BORE 1.0"                         | 1    |
| 27-4 | 023709 | COUPLING   | BORE 1.125"                       | 1    |
| 27-5 | 023710 | COUPLING   | BORE 1.25"                        | 1    |
| 27-6 | 023711 | COUPLING   | BORE 1.375"                       | 1    |
| 27-7 | 023712 | COUPLING   | BORE 1.5"                         | 1    |
| 28-1 | 023651 | SETSCREW   | COUPLING 3/8NC X 3/4              | 2    |
| 28-2 | 023652 | SETSCREW   | COUPLING 3/8NC X 1                | 2    |
| 29   | 013629 | CAPSCREW   | M10 X 25 DIN 933                  | 4    |
| 30   | 031790 | LOCKWASHER | M10 DIN 137B                      | 4    |
| 31   |        | COUPLING   | SEE REF 27                        |      |



WESTERBEKE 46 - BACK END - MODEL HBW TRANSMISSION - MOUNTING SYSTEM

| REF  | PN     | NAME       | REMARKS                                  | QUAN |
|------|--------|------------|------------------------------------------|------|
| 32-1 | 031249 | HBW GEAR   | V-DRIVE 1.8:1                            | 1    |
| 32-2 | 030048 | HBW GEAR   | V-DRIVE 2.1:1                            | 1    |
| 33-1 | 013629 | CAPSCREW   | M10 X 25 DIN 933 HBW150                  | 6    |
| 33-2 | 034589 | CAPSCREW   | M10 X 30 DIN 933 HBW250 & V-DRIVE        | 6    |
| 34   | 019262 | LOCKWASHER | M10 DIN 127                              | 6    |
| 35   | 019039 | DOWEL      | ADAPTER TO HOUSING                       | 2    |
| 36-1 | 019398 | DAMPER     | HBW150 & V-DRIVE                         | 1    |
| 36-2 | 011618 | DAMPER     | HBW250 & WARNER HYDRAULIC                | 1    |
| 37   | 034470 | CAPSCREW   | M10 X 45 DIN 931                         | 2    |
| 38   | 031789 | WASHER     | M10 DIN 125                              | 2    |
| 39   | 034682 | HOUSING    | FLYWHEEL                                 | 1    |
| 40   | 033279 | BOLT       | FLYWHEEL                                 | 4    |
| 41-1 | 033890 | MOUNT      | REAR 14.56-16-18" CENTERS STANDARD       | 2    |
| 41-2 | 034430 | MOUNT      | REAR 16-18-22" CENTERS OPTIONAL          | 2    |
| 42-1 | 032013 | ISOLATOR   | FRONT & REAR TO JAN 87                   | 4    |
| 42-2 | 036341 | ISOLATOR   | FRONT & REAR FROM JAN 87                 | 4    |
| 43-1 | 031826 | NUT        | 5/8NF JAM TO JAN 87                      | 12   |
| 43-2 | 036338 | NUT        | M16 DIN 985 LOCKING FROM JAN 87          | 8    |
| 44   | 013629 | CAPSCREW   | M10 X 25 DIN 933                         | 6    |
| 45   | 019262 | LOCKWASHER | M10 DIN 127                              | 6    |
| 46   | 031827 | LOCKWASHER | 5/8 TO JAN 87                            | 4    |
| 47   | 019262 | LOCKWASHER | M10 DIN 127                              | 2    |
| 48   | 015887 | NUT        | M10 DIN 934                              | 2    |
| 49   | 013919 | DOWEL      | BACKPLATE TO HOUSING                     | 2    |
| 50-1 | 033894 | MOUNT      | FRONT LEFT 14.56-16-18" CENTERS STANDARD | 1    |
| 50-2 | 034428 | MOUNT      | FRONT LEFT 16-18-22.5" CENTERS OPTIONAL  | 1    |
| 51-1 | 033892 | MOUNT      | FRONT RIGHT 14.56-16-18" CENTERS STD     | 1    |
| 51-2 | 034426 | MOUNT      | FRONT RIGHT 16-18-22.5" CENTERS OPTIONAL | 1    |
| 52   | 033958 | CAPSCREW   | M12 X 30 DIN 933                         | 6    |
| 53   | 031792 | LOCKWASHER | M12 DIN 127                              | 6    |
| 54-1 | 011779 | HOSE       | 1" WIRE INSERTED - INCHES REQUIRED       | 24   |
| 54-2 | 019059 | HOSE       | 7/8" WIRE INSERTED - INCHES REQUIRED     | 24   |
| 55-1 | 011405 | CLAMP      | HOSE 16                                  | 2    |
| 55-2 | 011386 | CLAMP      | HOSE 12                                  | 2    |
| 56-1 | 036648 | COOLER     | TRANSMISSION 1" HOSE                     | 1    |
| 56-2 | 034544 | COOLER     | TRANSMISSION 7/8" HOSE TO SEPT 87        | 1    |
| 57-1 | 036614 | ELBOW      | 3/4NPT X 1" HOSE                         | 1    |
| 57-2 | 030183 | ELBOW      | 1/2NPT X 7/8" HOSE                       | 1    |
| 58   | 017196 | CAPSCREW   | M 8 X 20 DIN 933                         | 4    |
| 59   | 031786 | LOCKWASHER | M 8 DIN 127                              | 4    |

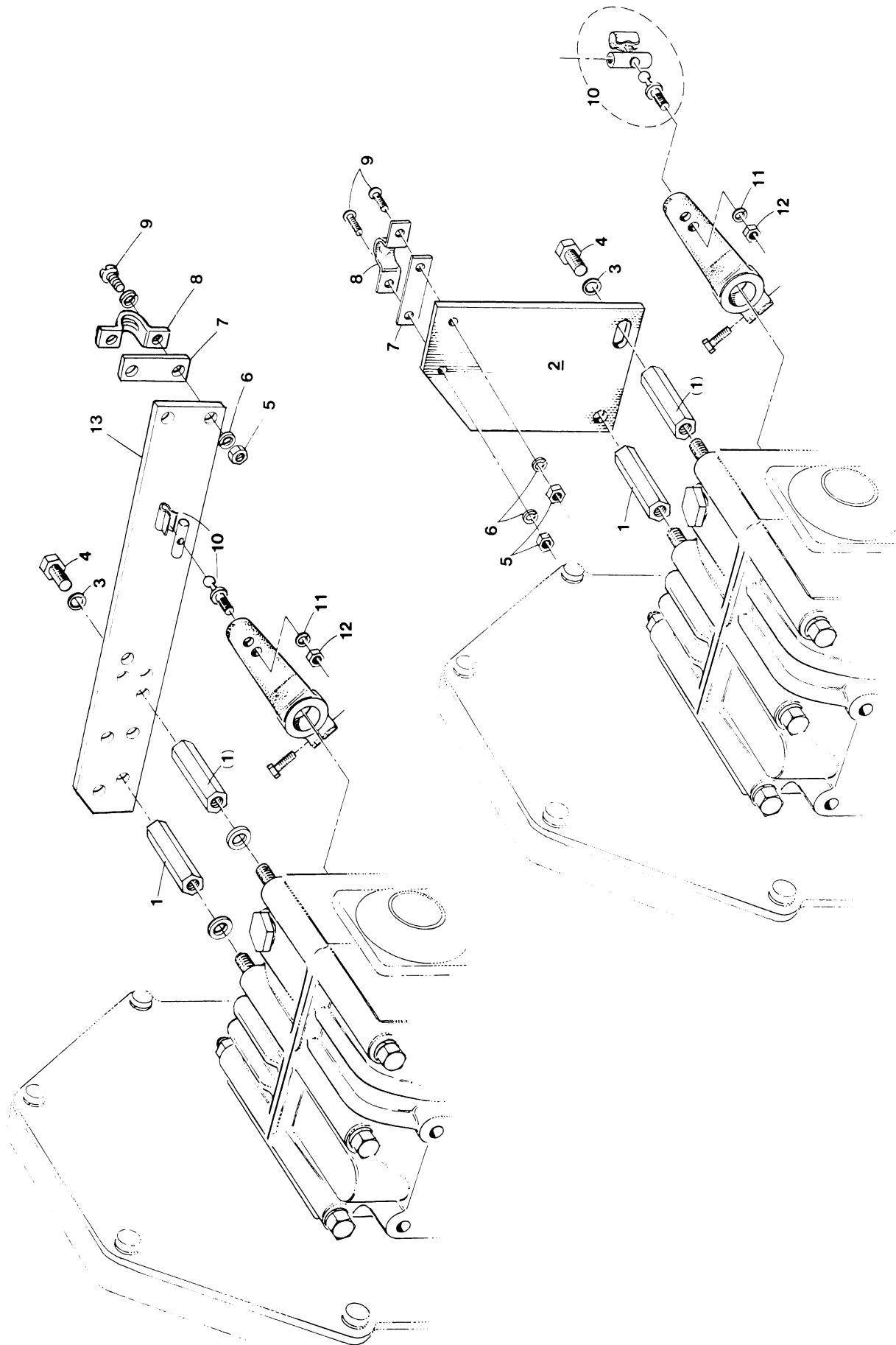
# WESTERBEKE 46 - WARNER HYDRAULIC TRANSMISSION



WESTERBEKE 46 - WARNER HYDRAULIC TRANSMISSION

| REF   | PN     | NAME       | REMARKS                                 | QUAN |
|-------|--------|------------|-----------------------------------------|------|
| 1     | 036650 | COOLER     | OIL                                     | 1    |
| 2     | 011411 | CLAMP      | HOSE 32 - MOUNT COOLER TO BRACKET       | 2    |
| 3     | 013330 | ELBOW      | COOLER TO HOSE                          | 1    |
| 4     | 013338 | ELBOW      | 3/8NPT BRASS STREET 90                  | 1    |
| 5     | 013057 | BRACKET    | COOLER MOUNT TO TRANSMISSION            | 1    |
| 6     | 011405 | CLAMP      | HOSE 16                                 | 2    |
| 7     | 011779 | HOSE       | 1" ID WIRE INSERTED - INCHES REQUIRED   | 16   |
| 8     | 036614 | ELBOW      | 3/4NPT X 1" HOSE                        | 2    |
| 9     | 011471 | PETCOCK    | 1/8NPT                                  | 1    |
| 10    | 013330 | ELBOW      | HOSE TO TRANSMISSION EXCEPT 2:1         | 1    |
| 11    | 011921 | HOSE       | OIL                                     | 1    |
| 12-1  | 022114 | HOSE       | OIL - 1:1 AND 2:1 TRANSMISSION          | 1    |
| 12-2  | 023567 | HOSE       | OIL - REDUCTION TRANSMISSION EXCEPT 2:1 | 1    |
| 13-1  | 013348 | CONNECTOR  | HOSE TO TRANSMISSION EXCEPT 2:1         | 1    |
| 13-2  | 013348 | CONNECTOR  | HOSE TO 2:1 TRANSMISSION                | 2    |
| 14-1  | 011630 | GEAR       | HYDRAULIC 1:1                           | 1    |
| 14-2  | 011631 | GEAR       | HYDRAULIC 1.5:1                         | 1    |
| 14-3  | 037297 | GEAR       | HYDRAULIC 1.9:1 OPPOSITE ROTATION       | 1    |
| 14-4  | 011632 | GEAR       | HYDRAULIC 2:1                           | 1    |
| 14-5  | 011633 | GEAR       | HYDRAULIC 2.5:1                         | 1    |
| 14-6  | 011634 | GEAR       | HYDRAULIC 3:1                           | 1    |
| 15    | 019262 | LOCKWASHER | M10 DIN 127                             | 4    |
| 16    | 035003 | CAPSCREW   | M10 X 80 DIN 931                        | 4    |
| 17    | 035004 | STUD       | M10 X 70 DIN 939                        | 2    |
| 18    | 019262 | LOCKWASHER | M10 DIN 127                             | 2    |
| 19    | 015887 | NUT        | M10 DIN 934                             | 2    |
| 20    | 031754 | NUT        | 1/4NF                                   | 1    |
| 21    | 031752 | LOCKWASHER | 1/4                                     | 1    |
| 22    | 033482 | BALL JOINT | SHIFT CABLE                             | 1    |
| 23    | 031873 | SCREW      | 10-32 X 5/8 SS                          | 2    |
| 24    | 013325 | CLAMP      | CABLE                                   | 1    |
| 25    | 013870 | SHIM       | CABLE                                   | 1    |
| 26    | 031849 | LOCKWASHER | 10                                      | 2    |
| 27    | 031847 | NUT        | 10-32                                   | 2    |
| 28    | 032315 | BRACKET    | SHIFT CABLE                             | 1    |
| 29    | 031768 | NUT        | 7/16NC                                  | 4    |
| 30    | 031770 | LOCKWASHER | 7/16                                    | 4    |
| 31    | 031655 | CAPSCREW   | 7/16NC X 1                              | 4    |
| 32- 1 | 023706 | COUPLING   | DIRECT DRIVE 0.75" BORE                 | 1    |
| 32- 2 | 023707 | COUPLING   | DIRECT DRIVE 0.875" BORE                | 1    |
| 32- 3 | 023708 | COUPLING   | DIRECT DRIVE 1.0" BORE                  | 1    |
| 32- 4 | 023709 | COUPLING   | DIRECT DRIVE 1.125" BORE                | 1    |
| 32- 5 | 023710 | COUPLING   | DIRECT DRIVE 1.25" BORE                 | 1    |
| 32- 6 | 023711 | COUPLING   | DIRECT DRIVE 1.375" BORE                | 1    |
| 32- 7 | 023712 | COUPLING   | DIRECT DRIVE 1.5" BORE                  | 1    |
| 32- 8 | 023686 | COUPLING   | REDUCTION 1.0" BORE                     | 1    |
| 32- 9 | 023687 | COUPLING   | REDUCTION 1.125" BORE                   | 1    |
| 32-10 | 023688 | COUPLING   | REDUCTION 1.25" BORE                    | 1    |
| 32-11 | 023689 | COUPLING   | REDUCTION 1.375" BORE                   | 1    |
| 32-12 | 023690 | COUPLING   | REDUCTION 1.5" BORE                     | 1    |
| 33-1  | 023651 | SETSCREW   | COUPLING 3/8NC X 3/4                    | 2    |
| 33-2  | 023652 | SETSCREW   | COUPLING 3/8NC X 1                      | 2    |
| 33-3  | 023653 | SETSCREW   | COUPLING 3/8NC X 1-1/4                  | 2    |

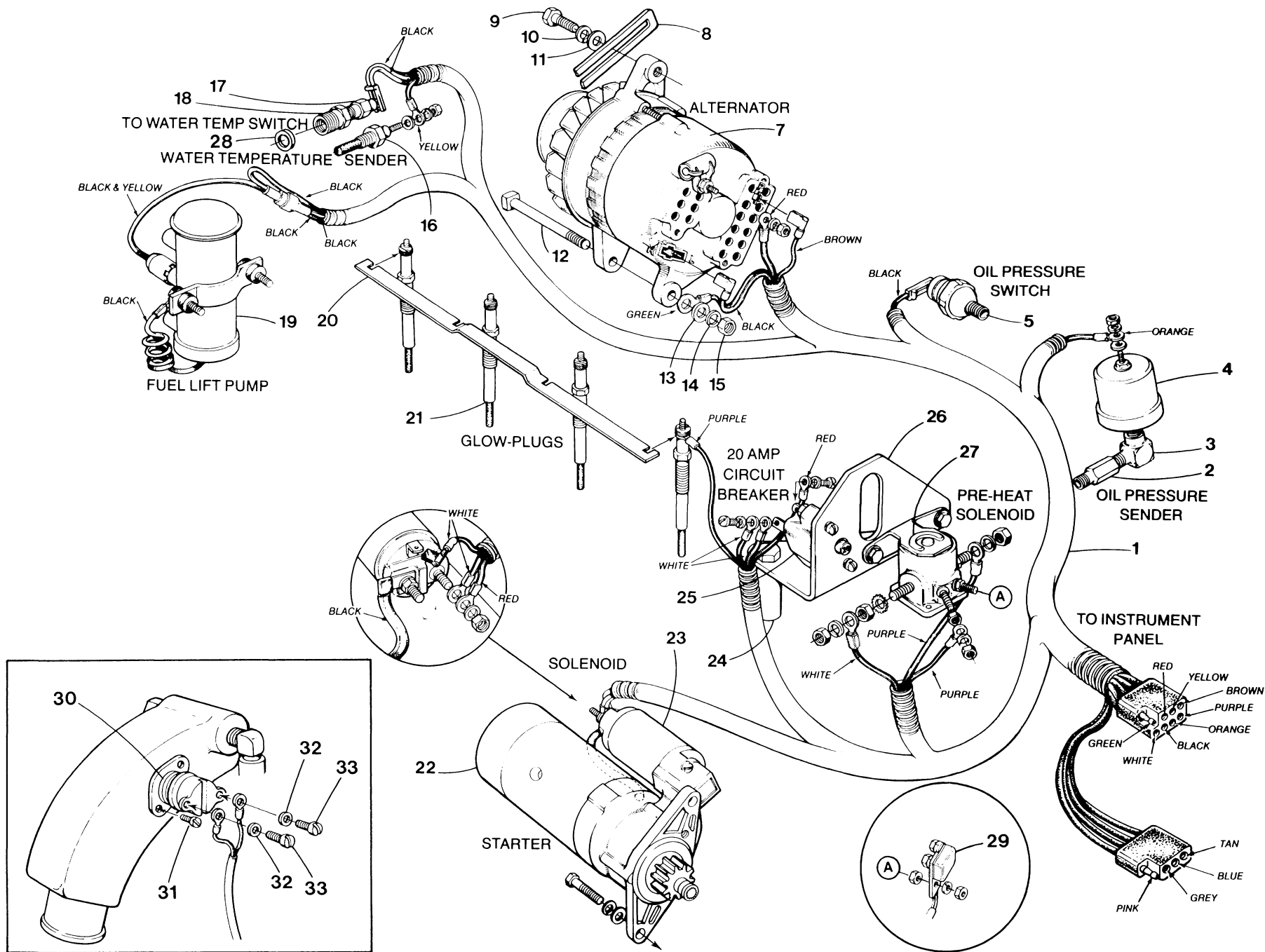
WESTERBEKE 46 - MODEL HBW TRANSMISSION SHIFTING BRACKET





WESTERBEKE 46 - MODEL HBW TRANSMISSION SHIFTING BRACKET

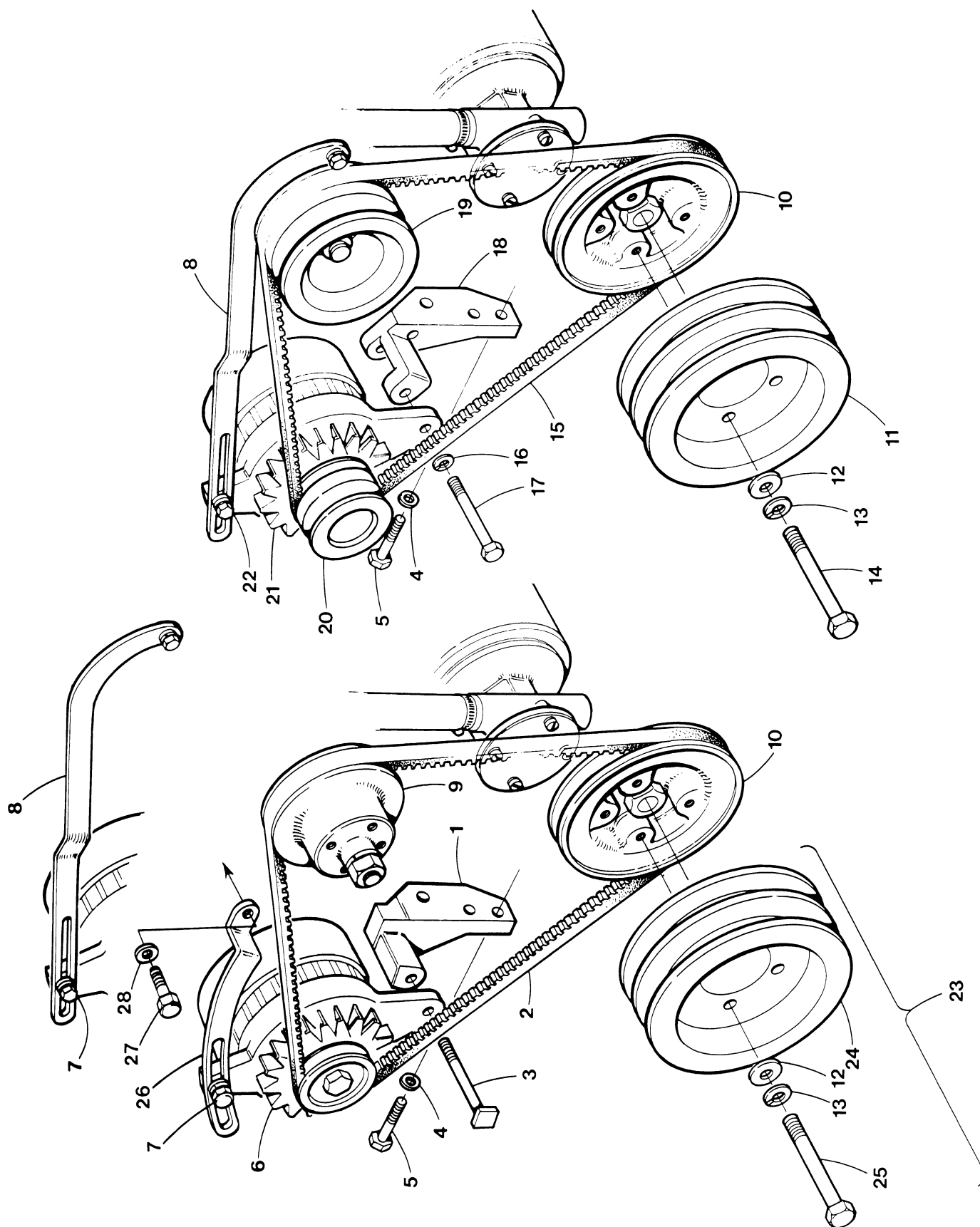
| REF | PN     | NAME       | REMARKS                  | QUAN |
|-----|--------|------------|--------------------------|------|
| 1   | 030756 | NUT        | M 8 PILLAR               | 2    |
| 2   | 030181 | BRACKET    | SHIFT CABLE - TOP ENTRY  | 1    |
| 3   | 031786 | LOCKWASHER | M 8 DIN 127              | 2    |
| 4   | 013630 | CAPSCREW   | M 8 X 25 DIN 933         | 2    |
| 5   | 031847 | NUT        | 10-32                    | 2    |
| 6   | 031849 | LOCKWASHER | 10                       | 2    |
| 7   | 013870 | SHIM       | CABLE CLAMP              | 1    |
| 8   | 013325 | CLAMP      | CABLE                    | 1    |
| 9   | 031873 | SCREW      | 10-32 X 5/8 SS           | 2    |
| 10  | 033482 | BALL JOINT | SHIFT CABLE              | 1    |
| 11  | 031752 | LOCKWASHER | 1/4                      | 1    |
| 12  | 031754 | NUT        | 1/4NF                    | 1    |
| 13  | 032161 | BRACKET    | SHIFT CABLE - REAR ENTRY | 1    |



WESTERBEKE 46 - 15.0 BTD - ELECTRICAL SYSTEM

| REF  | PN     | NAME       | REMARKS                                 | QUAN |
|------|--------|------------|-----------------------------------------|------|
| 1-1  | 036478 | HARNESS    | ENGINE WIRING PROPULSION 12 WIRE        | 1    |
| 1-2  | 034576 | HARNESS    | ENGINE WIRING PROPULSION 8 WIRE         | 1    |
| 1-3  | 036463 | HARNESS    | ENGINE WIRING GENSET                    | 1    |
| 2    | 024844 | ADAPTER    |                                         | 1    |
| 3    | 011984 | ELBOW      | 1/8NPT STREET 90                        | 1    |
| 4    | 024132 | SENDER     | OIL PRESSURE                            | 1    |
| 5-1  | 033935 | SWITCH     | OIL PRESSURE-PROP ALARM 12 WIRE HARNESS | 1    |
| 5-2  | 034761 | SWITCH     | OIL PRESSURE-PROP ALARM 8 WIRE HARNESS  | 1    |
| 5-3  | 033348 | SWITCH     | OIL PRESSURE-GENSET                     | 1    |
| 6    | 013355 | BUZZER     | PROP ALARM 8 WIRE HARNESS               | 1    |
| 7    | 030594 | ALTERNATOR | 50 AMP 12 VDC NEG GROUND                | 1    |
| 8    |        | STRAP      | ADJUSTING-SEE ALTERNATOR MOUNTING PAGE  | 1    |
| 9    | 013630 | CAPSCREW   | M 8 X 25 DIN 933                        | 1    |
| 10   | 031786 | LOCKWASHER | M 8 DIN 127                             | 1    |
| 11   | 033381 | WASHER     | ADJUSTING STRAP                         | 1    |
| 12   | 032015 | BOLT       | ALTERNATOR MOUNT                        | 1    |
| 13   | 031787 | WASHER     | M 8 DIN 125                             | 1    |
| 14   | 031786 | LOCKWASHER | M 8 DIN 127                             | 1    |
| 15   | 018242 | NUT        | M 8 DIN 934                             | 1    |
| 16   | 035109 | SENDER     | WATER TEMPERATURE                       | 1    |
| 17-1 | 030125 | SWITCH     | WATER TEMPERATURE-PROP ALARM            | 1    |
| 17-2 | 030096 | SWITCH     | WATER TEMPERATURE-GENSET                | 1    |
| 18-1 | 037515 | BUSHING    | REDUCER-PROPULSION SENDER & SWITCH      | 2    |
| 18-2 | 037515 | BUSHING    | REDUCER-GENSET SENDER                   | 1    |
| 18-3 | 036699 | BUSHING    | REDUCER-GENSET SWITCH                   | 1    |
| 19   | 024831 | PUMP       | ELECTRIC FUEL LIFT 12 VDC               | 1    |
| 20   | 034379 | STRAP      | GLOWPLUG CONNECTING                     | 1    |
| 21   | 034380 | GLOWPLUG   | 12 VDC                                  | 4    |
| 22   | 030593 | MOTOR      | STARTER 12 VDC                          | 1    |
| 23   | 030245 | SOLENOID   | STARTER MOTOR                           | 1    |
| 24   | 034189 | SPACER     | BRACKET TO CYLINDER HEAD                | 1    |
| 25   | 024683 | BREAKER    | CIRCUIT 20 AMP                          | 1    |
| 26   | 034034 | BRACKET    | CIRCUIT BREAKER AND SOLENOID            | 1    |
| 27   | 024639 | SOLENOID   | PRE-HEAT 12 VDC                         | 1    |
| 28   | 033280 | WASHER     | M16 SEALING                             | 2    |
| 29   | 036563 | BREAKER    | CIRCUIT 10 AMP                          | 1    |
| 30   | 032923 | SWITCH     | EXHAUST TEMPERATURE-GENSET              | 1    |
| 31   | 035711 | SCREW      | 6-20 X 1/4 TAPPING                      | 2    |
| 32   | 031844 | LOCKWASHER | 8                                       | 2    |
| 33   | 031911 | SCREW      | 8-32 X 1/4                              | 2    |

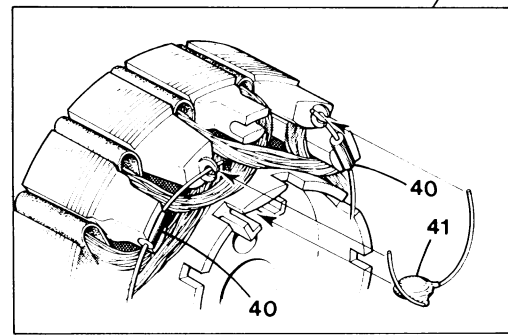
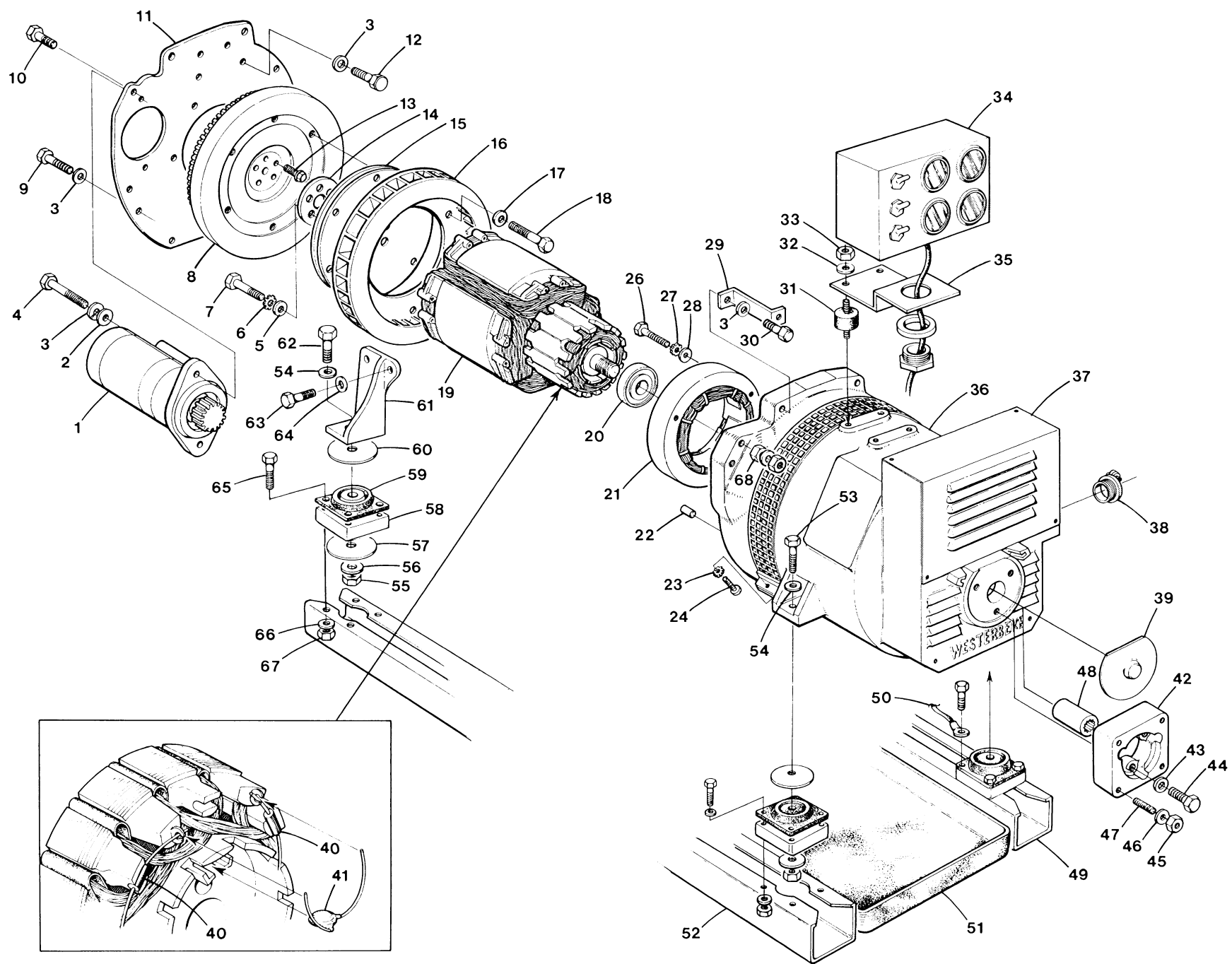
# WESTERBEKE 46 - 15.0 BTD - ALTERNATOR MOUNTING AND BELTS



WESTERBEKE 46 - 15.0 BTD - ALTERNATOR MOUNTING AND BELTS

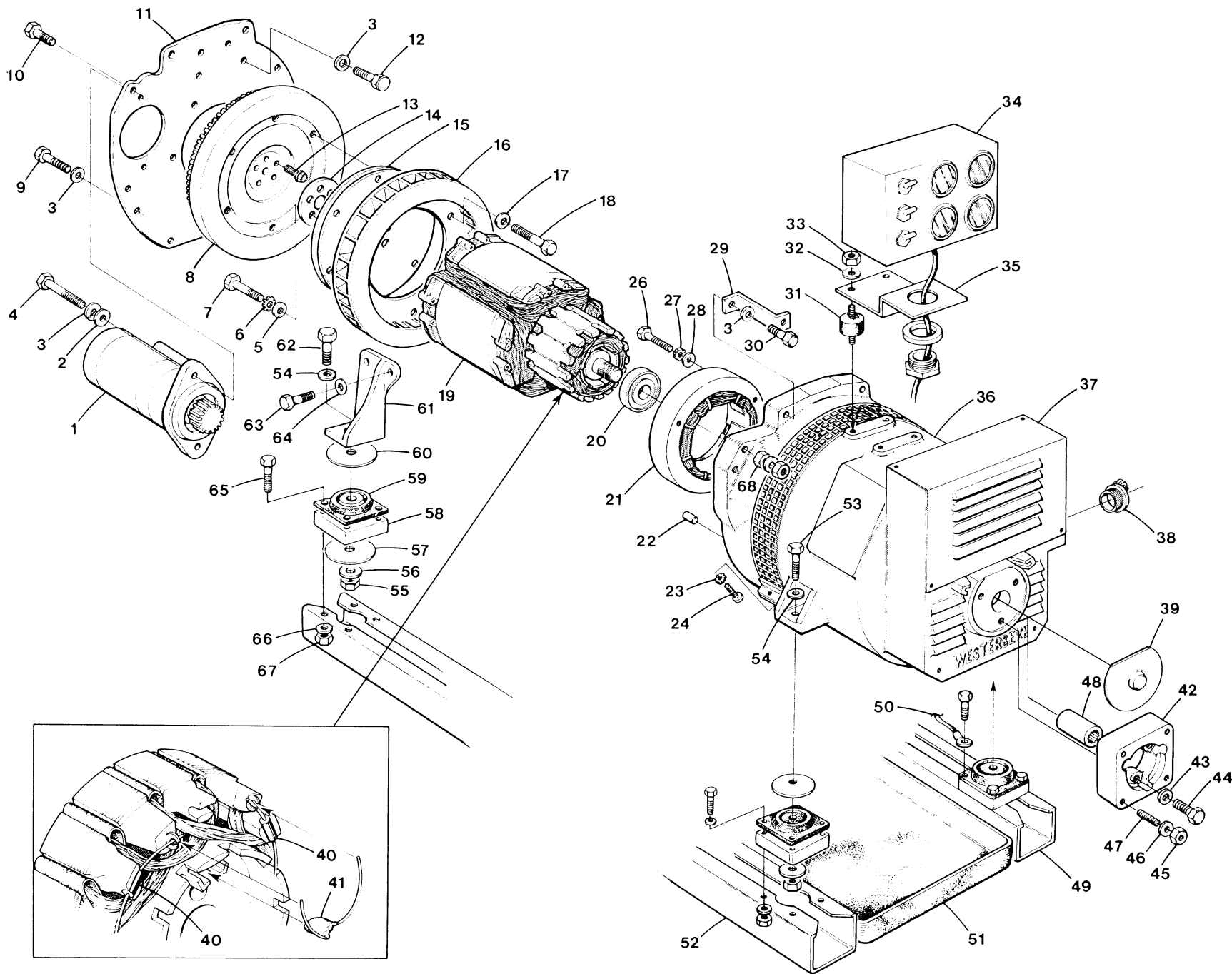
| REF  | PN     | NAME       | REMARKS                                  | QUAN |
|------|--------|------------|------------------------------------------|------|
| 1    | 033914 | BRACKET    | ALTERNATOR 50 AMP                        | 1    |
| 2    | 030475 | BELT       | ALTERNATOR AND FRESH WATER PUMP          | 1    |
| 3    | 032015 | BOLT       | ALTERNATOR MOUNT                         | 1    |
| 4    | 031792 | LOCKWASHER | M12 DIN 127                              | 2    |
| 5    | 033958 | CAPSCREW   | M12 X 30 DIN 933                         | 2    |
| 6    | 030594 | ALTERNATOR | 50 AMP 12 VDC INTERNAL REGULATOR NEG GND | 1    |
| 7-1  | 013630 | CAPSCREW   | M 8 X 25 DIN 933                         | 1    |
| 7-2  | 031786 | LOCKWASHER | M 8 DIN 127                              | 1    |
| 7-3  | 033381 | WASHER     | ADJUSTING STRAP                          | 1    |
| 8    | 034425 | STRAP      | ALTERNATOR ADJUSTING                     | 1    |
| 9    | 034392 | PULLEY     | FRESH WATER PUMP 1 GROOVE                | 1    |
| 10-1 | 034352 | PULLEY     | CRANKSHAFT 1 GROOVE TO S/N 153548        | 1    |
| 10-2 | 037756 | PULLEY     | CRANKSHAFT 1 GROOVE FROM S/N 153549      | 1    |
| 11   | 034870 | PULLEY     | ACCESSORY 2 GROOVE 5-1/2" DIA            | 1    |
| 12   | 031787 | WASHER     | M 8 DIN 125                              | 4    |
| 13   | 031786 | LOCKWASHER | M 8 DIN 127                              | 4    |
| 14   | 031462 | CAPSCREW   | M 8 X 35 DIN 931                         | 4    |
| 15   | 035020 | BELT       | 72-90 AMP ALTERNATOR                     | 2    |
| 16   | 031764 | LOCKWASHER | 3/8                                      | 1    |
| 17   | 031615 | CAPSCREW   | 3/8NC X 3-1/2                            | 1    |
| 18   | 034864 | BRACKET    | 72-90 AMP ALTERNATOR                     | 1    |
| 19   | 034868 | PULLEY     | FRESH WATER PUMP 2 GROOVE                | 1    |
| 20   | 034876 | PULLEY     | 72-90 AMP ALTERNATOR 2 GROOVE            | 1    |
| 21-1 | 030735 | ALTERNATOR | 90 AMP 12 VDC                            | 1    |
| 21-2 | 034409 | ALTERNATOR | 72 AMP 12 VDC                            | 1    |
| 22-1 | 031555 | CAPSCREW   | 5/16NC X 1                               | 1    |
| 22-2 | 031758 | LOCKWASHER | 5/16                                     | 1    |
| 22-3 | 033381 | WASHER     | ADJUSTING STRAP                          | 1    |
| 23   | 034813 | PULLEY     | KIT                                      | 1    |
| 24   | 034755 | PULLEY     | ACCESSORY 2 GROOVE 6" DIA                | 1    |
| 25   | 018811 | CAPSCREW   | M 8 X 40 DIN 931                         | 4    |
| 26   | 037761 | STRAP      | ADJUSTING                                | 1    |
| 27   | 024955 | CAPSCREW   | M10 X 1.25 X 45 DIN 960                  | 1    |
| 28   | 019262 | LOCKWASHER | M10 DIN 127                              | 1    |

# WESTERBEKE 15.0 BTD - BACK END - GENERATOR - MOUNTING SYSTEM



WESTERBEKE 15.0 BTD - BACK END - GENERATOR - MOUNTING SYSTEM

| REF  | PN     | NAME       | REMARKS                           | QUAN |
|------|--------|------------|-----------------------------------|------|
| 1    | 030593 | MOTOR      | STARTER 12 VDC                    | 1    |
| 2    | 031789 | WASHER     | M10 DIN 125                       | 3    |
| 3    | 019262 | LOCKWASHER | M10 DIN 127                       | 11   |
| 4    | 034589 | CAPSCREW   | M10 X 30 DIN 933                  | 2    |
| 5    | 031789 | WASHER     | M10 DIN 125                       | 6    |
| 6    | 031915 | LOCKWASHER | M10 DIN 6797A                     | 6    |
| 7    | 013629 | CAPSCREW   | M10 X 25 DIN 933                  | 6    |
| 8-1  | 036344 | FLYWHEEL   | INCLUDING RING GEAR               | 1    |
| 8-2  | 030230 | GEAR       | RING                              | 1    |
| 9    | 013629 | CAPSCREW   | M10 X 25 DIN 933                  | 5    |
| 10   | 038394 | CAPSCREW   | BATTERY GROUND                    | 1    |
| 11-1 | 036083 | BACKPLATE  | TO MAY 89                         | 1    |
| 11-2 | 038206 | BACKPLATE  | FROM MAY 89                       | 1    |
| 12   | 013629 | CAPSCREW   | M10 X 25 DIN 933                  | 7    |
| 13   | 033279 | BOLT       | FLYWHEEL                          | 4    |
| 14   | 035928 | PLATE      | THRUST-DRIVE DISC TO ARMATURE     | 1    |
| 15   | 035927 | PLATE      | DRIVE DISC                        | 3    |
| 16   | 035929 | FAN        |                                   | 1    |
| 17   | 031835 | LOCKWASHER | M 8 DIN 6797J                     | 8    |
| 18   | 017196 | CAPSCREW   | M 8 X 20 DIN 933                  | 8    |
| 19-1 | 037468 | ARMATURE   | 1 PHASE                           | 1    |
| 19-2 | 039342 | ARMATURE   | 3 PHASE                           | 1    |
| 20   | 037460 | BEARING    | BALL                              | 1    |
| 21-1 | 037467 | STATOR     | EXCITER 1 PHASE                   | 1    |
| 21-2 | 039340 | STATOR     | EXCITER 3 PHASE                   | 1    |
| 22   | 019039 | DOWEL      | BACKPLATE TO HOUSING              | 2    |
| 23   | 031914 | LOCKWASHER | M 5 DIN 6797A                     | 1    |
| 24   | 031920 | SCREW      | M 5 DIN 84A                       | 1    |
| 25   | 031935 | GUARD      | AIR                               | 1    |
| 26   | 031919 | CAPSCREW   | M 5 X 35 DIN 912                  | 3    |
| 27   | 031914 | LOCKWASHER | M 5 DIN 6796A                     | 3    |
| 28   | 031781 | WASHER     | M 5 DIN 125                       | 3    |
| 29   | 036629 | BRACKET    | EXCHANGER SUPPORT                 | 1    |
| 30   | 034590 | CAPSCREW   | M10 X 40 DIN 933                  | 1    |
| 31   | 036652 | ISOLATOR   | PANEL MOUNTING                    | 4    |
| 32   | 031783 | LOCKWASHER | M 6 DIN 127                       | 4    |
| 33   | 015812 | NUT        | M 6 DIN 934                       | 4    |
| 34   |        | PANEL      | REFER TO PANEL PAGE               | 1    |
| 35   | 036465 | BRACKET    | PANEL MOUNTING INCLUDED IN REF 34 | 1    |
| 36-1 | 037430 | GENERATOR  | 1 PHASE                           | 1    |
| 36-2 | 037469 | STATOR     | INCLUDING HOUSING 1 PHASE         | 1    |
| 36-3 | 037470 | STATOR     | 1 PHASE                           | 1    |
| 36-4 | 039030 | GENERATOR  | 3 PHASE                           | 1    |
| 36-5 | 038465 | STATOR     | INCLUDING HOUSING 3 PHASE         | 1    |
| 36-6 | 038466 | STATOR     | 3 PHASE                           | 1    |
| 37   | 037851 | COVER      |                                   | 1    |
| 38   | 036737 | CONNECTOR  |                                   | 1    |

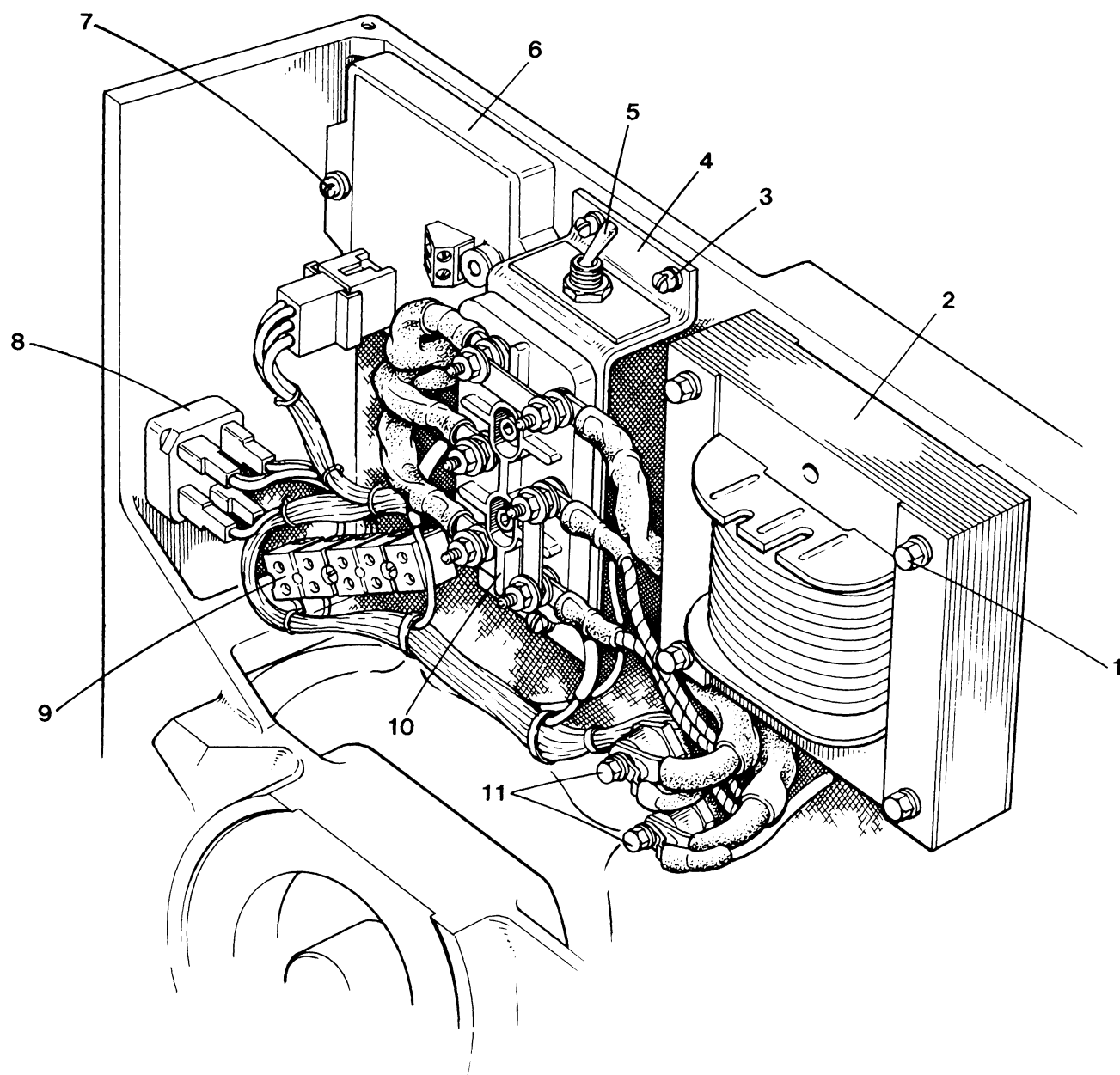




WESTERBEKE 15.0 BTD - BACK END - GENERATOR - MOUNTING SYSTEM

| REF  | PN     | NAME       | REMARKS                      | QUAN |
|------|--------|------------|------------------------------|------|
| 39   | 036701 | COVER      | PTO INTERFACE                | 1    |
| 40   | 035943 | RESISTOR   | POSI                         | 1    |
| 41   | 035931 | DIODE      |                              | 6    |
| 42-1 | 037134 | KIT        | PTO INCLUDING REF 42 THRU 48 | 1    |
| 42-2 | 037197 | DRAWING    | PTO INSTALLATION             | 1    |
| 42-3 | 034738 | ADAPTER    |                              | 1    |
| 43   | 031792 | LOCKWASHER | M12 DIN 127                  | 3    |
| 44   | 013589 | CAPSCREW   | M12 X 40 DIN 933             | 3    |
| 45   | 031774 | NUT        | 1/2NC                        | 4    |
| 46   | 031776 | LOCKWASHER | 1/2                          | 4    |
| 47   | 034867 | STUD       | 1/2NC                        | 4    |
| 48   | 037188 | DRIVE      | PTO SAE-B SPLINE             | 1    |
| 49   | 036437 | RAIL       | ASSEMBLY-RIGHT               | 1    |
| 50   | 034593 | STRAP      | GROUND                       | 1    |
| 51   | 037354 | DRIPTRAY   |                              | 1    |
| 52   | 036436 | RAIL       | ASSEMBLY-LEFT                | 1    |
| 53   | 031713 | CAPSCREW   | 1/2NC X 3                    | 2    |
| 54   | 031777 | WASHER     | FLAT 1/2                     | 4    |
| 55   | 031774 | NUT        | 1/2NC                        | 4    |
| 56   | 031776 | LOCKWASHER | 1/2                          | 4    |
| 57   | 024674 | WASHER     | SNUBBING                     | 4    |
| 58   | 035271 | SPACER     | ISOLATOR TO RAIL             | 4    |
| 59   | 015238 | ISOLATOR   |                              | 4    |
| 60   | 033530 | SHIELD     | ISOLATOR                     | 2    |
| 61-1 | 036096 | MOUNT      | FRONT LEFT                   | 1    |
| 61-2 | 036092 | MOUNT      | FRONT RIGHT                  | 1    |
| 62   | 031712 | CAPSCREW   | 1/2NC X 2-3/4                | 2    |
| 63   | 033958 | CAPSCREW   | M12 X 30 DIN 933             | 4    |
| 64   | 031792 | LOCKWASHER | M12 DIN 127                  | 4    |
| 65   | 031557 | CAPSCREW   | 5/16NC X 1-1/2               | 16   |
| 66   | 031758 | LOCKWASHER | 5/16                         | 16   |
| 67   | 031756 | NUT        | 5/16NC                       | 16   |
| 68   | 015887 | NUT        | M10 DIN 934                  | 2    |

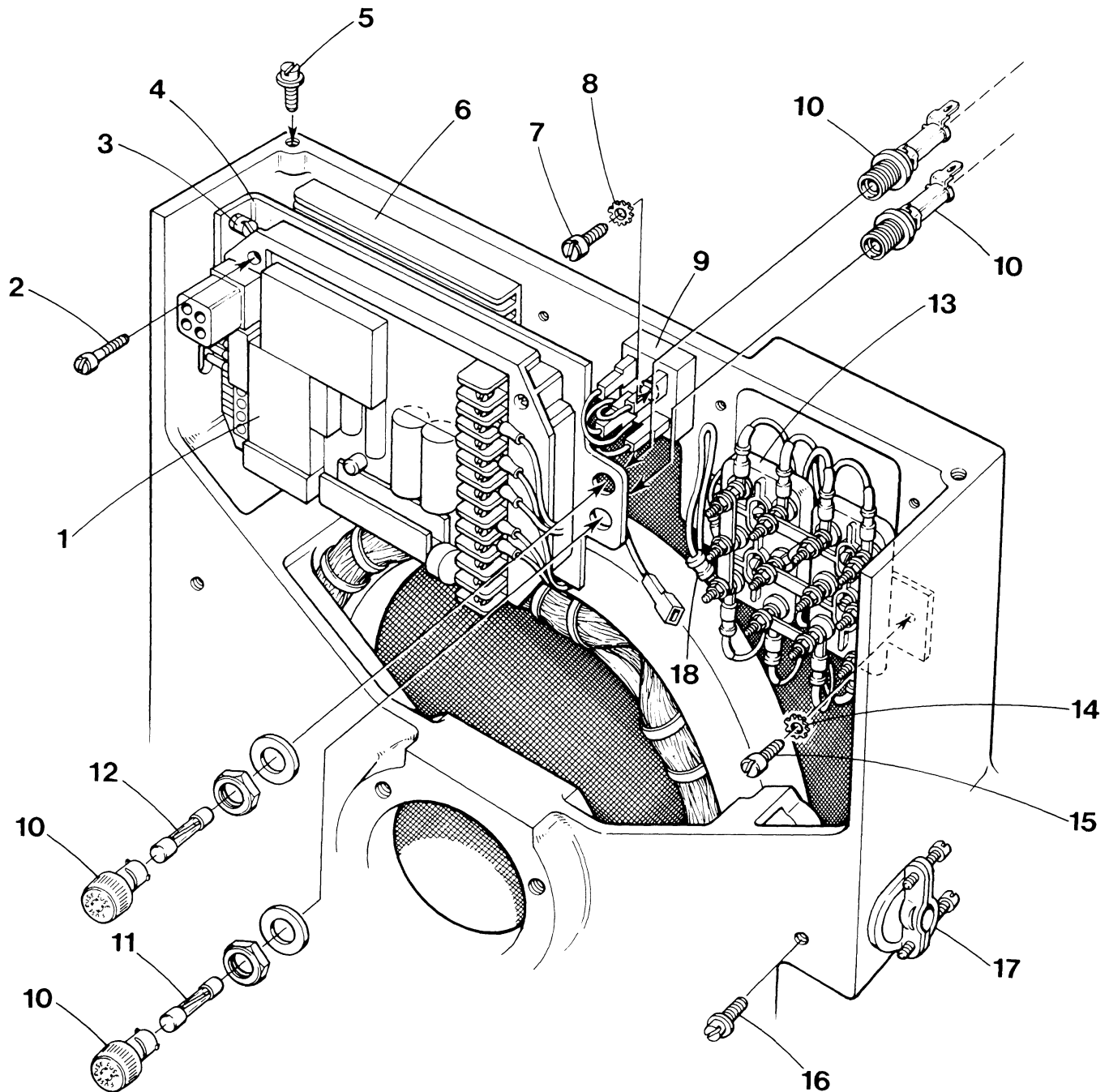
WESTERBEKE 15.0 BTD - AC OUTPUT AND REGULATOR 1 PHASE



WESTERBEKE 15.0 BTD - AC OUTPUT AND REGULATOR 1 PHASE

| REF  | PN     | NAME       | REMARKS                                 | QUAN |
|------|--------|------------|-----------------------------------------|------|
| 1-1  | 031916 | CAPSCREW   | M 5 X 50 DIN 933                        | 4    |
| 1-2  | 031914 | LOCKWASHER | M 5 DIN 6797A                           | 4    |
| 1-3  | 031781 | WASHER     | M 5 DIN 125                             | 4    |
| 2    | 037463 | TRANSFORMR | VOLTAGE REGULATION                      | 1    |
| 3-1  | 031718 | SCREW      | M 5 X 10 DIN 84A                        | 2    |
| 3-2  | 031914 | LOCKWASHER | M 5 DIN 6797A                           | 2    |
| 4    | 038345 | BRACKET    |                                         | 1    |
| 5    | 038346 | SWITCH     | REGULATION SELECTION                    | 1    |
| 6    | 034410 | REGULATOR  | ELECTRONIC VOLTAGE - OPTIONAL           | 1    |
| 7-1  | 031917 | LOCKWASHER | M 4 DIN 6797A                           | 2    |
| 7-2  | 031934 | SCREW      | M 4 X 20 DIN 84A                        | 2    |
| 8-1  | 030809 | RECTIFIER  | BRIDGE                                  | 1    |
| 8-2  | 031931 | SCREW      | M 5 X 15 DIN 84A                        | 1    |
| 8-3  | 031914 | LOCKWASHER | M 5 DIN 6797A                           | 1    |
| 9    | 038347 | BLOCK      | TERMINAL 5 POLE                         | 1    |
| 10-1 | 038342 | BLOCK      | TERMINAL AC OUTPUT                      | 1    |
| 10-2 | 038343 | NUT        | M 6 BRASS                               | AR   |
| 10-3 | 038344 | BAR        | BUSS                                    | AR   |
| 11   | 035980 | TERMINAL   | INSULATED                               | 2    |
| 12   | 036737 | CONNECTOR  | BOX 1-1/2 - AC OUTPUT LEADS             | 1    |
| 13   | 036702 | LABEL      | AC OUTPUT CONNECTIONS                   | 1    |
| 14-1 | 038620 | KIT        | OPTIONAL AC OUTPUT CIRCUIT BREAKER 60HZ | 1    |
| 14-2 | 038619 | KIT        | OPTIONAL AC OUTPUT CIRCUIT BREAKER 50HZ | 1    |

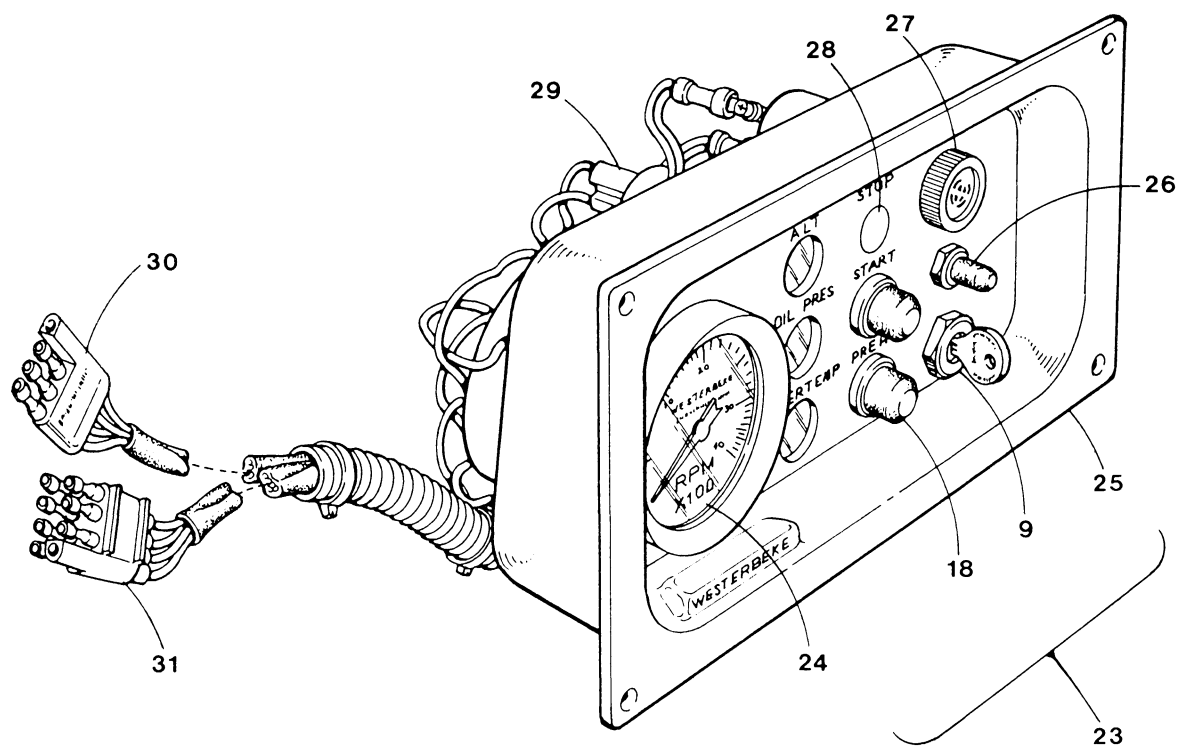
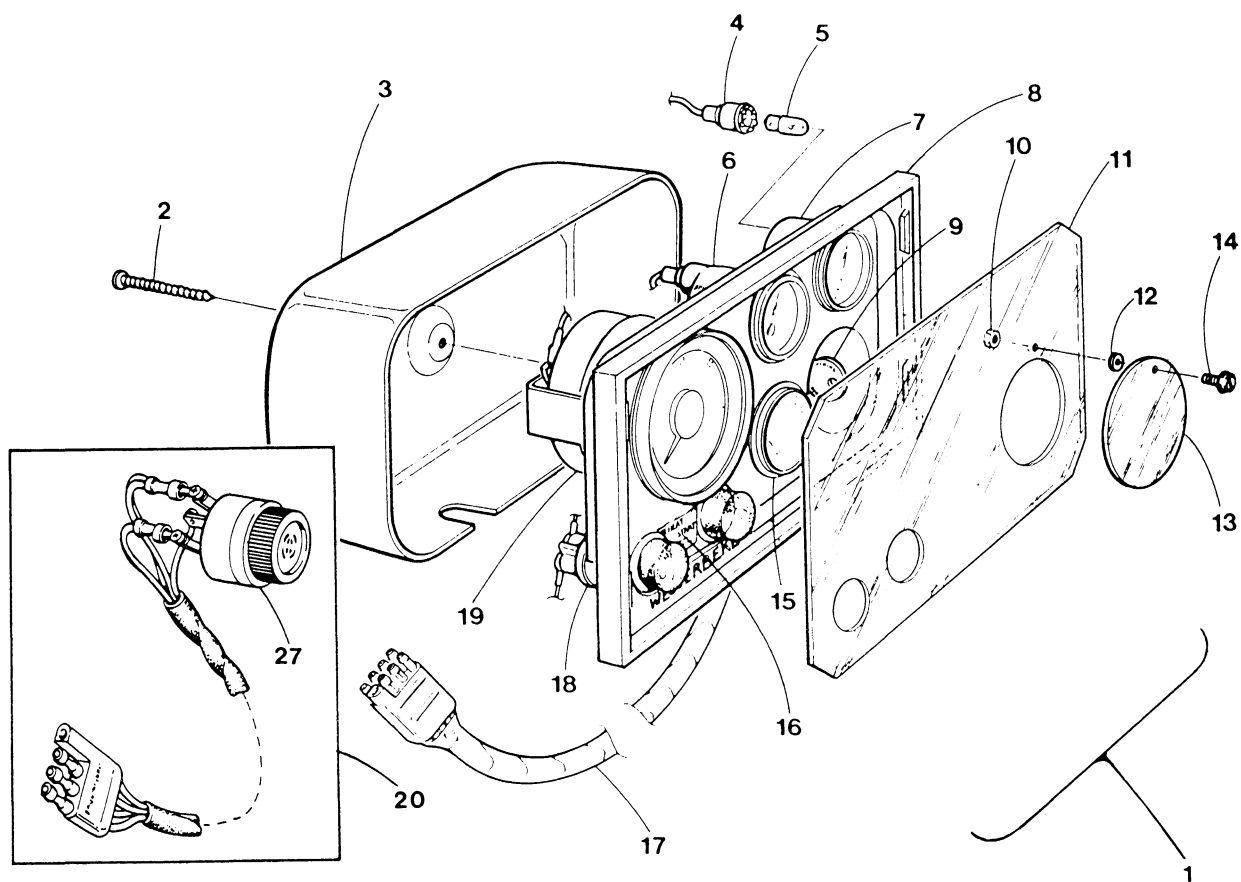
WESTERBEKE 15.0 BTD - AC OUTPUT AND REGULATOR 3 PHASE



# WESTERBEKE 15.0 BTD - AC OUTPUT AND REGULATOR 3 PHASE

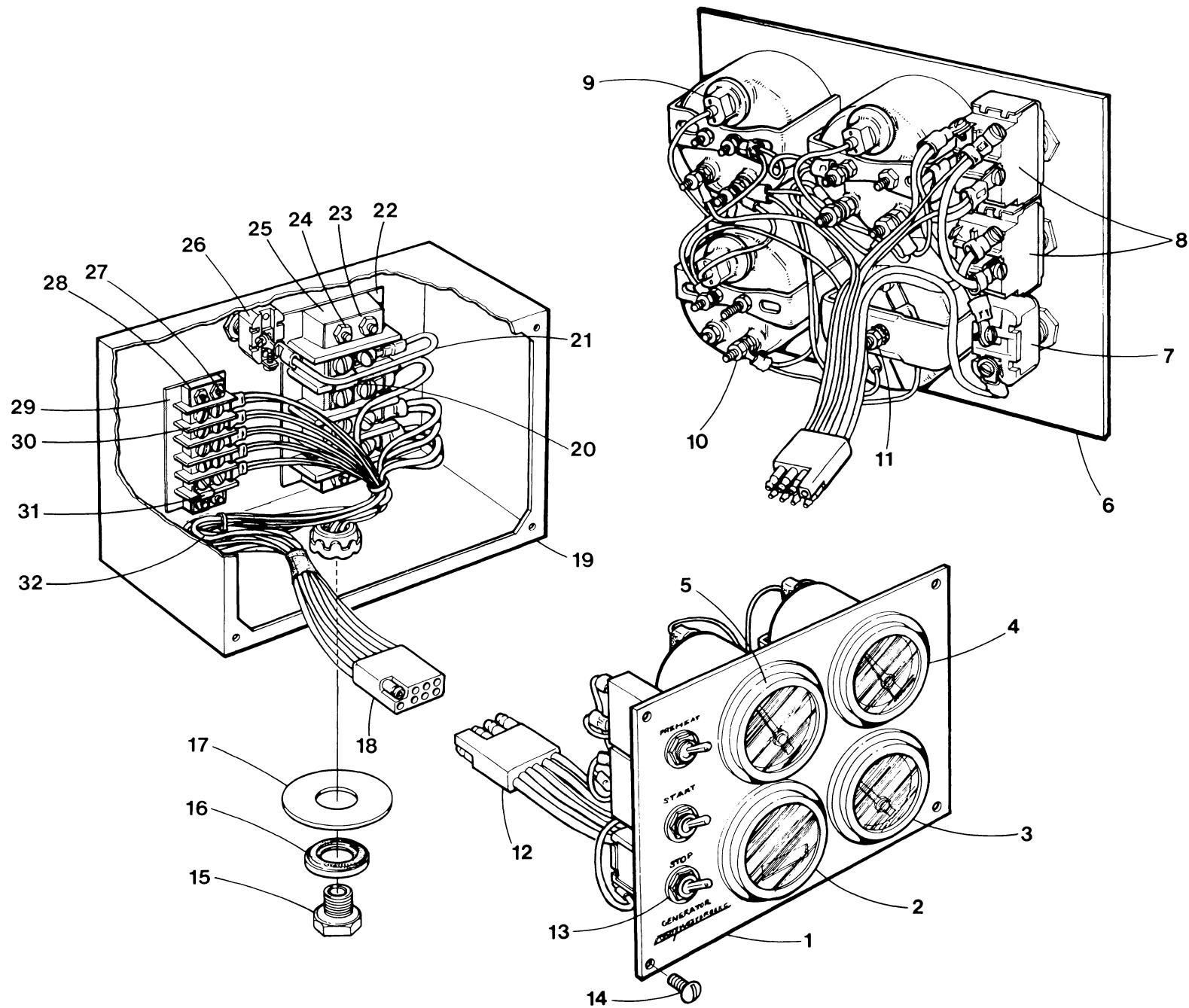
| REF  | PN     | NAME       | REMARKS                       | QUAN |
|------|--------|------------|-------------------------------|------|
| 1    | 038468 | REGULATOR  | ELECTRONIC VOLTAGE            | 1    |
| 2    | 031934 | SCREW      | M 4 X 20 DIN 84A              | 2    |
| 3    | 031718 | SCREW      | M 5 X 10 DIN 84A              | 2    |
| 4    | 038470 | BRACKET    | REGULATOR                     | 1    |
| 5    | 031718 | SCREW      | M 5 X 10 DIN 84A              | 2    |
| 6    | 038469 | CHARGER    | BATTERY                       | 1    |
| 7    | 031920 | SCREW      | M 5 X 20 DIN 84A              | 1    |
| 8    | 031914 | LOCKWASHER | M 5 DIN 6797A                 | 1    |
| 9    | 030809 | RECTIFIER  | BRIDGE                        | 1    |
| 10   | 038472 | HOLDER     | FUSE                          | 2    |
| 11   | 033769 | FUSE       | 8 AMP                         | 1    |
| 12   | 038471 | FUSE       | 20 AMP                        | 1    |
| 13-1 | 038464 | BLOCK      | TERMINAL AC OUTPUT            | 1    |
| 13-2 | 038348 | NUT        | M 5 BRASS                     | AR   |
| 13-3 | 038349 | BAR        | BUSS                          | AR   |
| 14   | 031914 | LOCKWASHER | M 5 DIN 6797A                 | 2    |
| 15   | 031920 | SCREW      | M 5 X 20 DIN 84A              | 2    |
| 16   | 015816 | CAPSCREW   | M 6 X 10 DIN 933              | 2    |
| 17   | 036737 | CONNECTOR  | BOX 1-1/2 AC OUTPUT LEADS     | 1    |
| 18   | 038676 | LABEL      | AC OUTPUT CONNECTIONS 3 PHASE | 1    |

# WESTERBEKE 46 - PROPULSION INSTRUMENT PANELS



# WESTERBEKE 46 - PROPULSION INSTRUMENT PANELS

| REF  | PN     | NAME      | REMARKS                          | QUAN |
|------|--------|-----------|----------------------------------|------|
| 1    | 036842 | PANEL     | ADMIRAL INCLUDING ALARM          | 1    |
| 2    | 030913 | SCREW     |                                  | 1    |
| 3    | 030119 | COVER     | PANEL REAR                       | 1    |
| 4    | 035118 | HOLDER    | LAMP WEDGE BASE                  | 3    |
| 5    | 035114 | LAMP      | INSTRUMENT 12VDC WEDGE BASE      | 3    |
| 6    | 037601 | METER     | WATER TEMPERATURE                | 1    |
| 7    | 037603 | METER     | OIL PRESSURE 100 PSI             | 1    |
| 8    | 033865 | PANEL     | PLATE                            | 1    |
| 9    | 033693 | KEYSWITCH | OFF-ON                           | 1    |
| 10   | 030003 | NUT       | NYLON LOCKING 6-32               | 1    |
| 11   | 033684 | COVER     | FACEPLATE                        | 1    |
| 12   | 030002 | SPACER    | NYLON                            | 1    |
| 13   | 024996 | WINDOW    | KEYSWITCH COVER                  | 1    |
| 14   | 030001 | SCREW     | NYLON 6-32 X 1/2 WASHER HEAD     | 1    |
| 15   | 037605 | VOLTMETER | 12VDC                            | 1    |
| 16   | 033682 | DECAL     | SWITCH IDENTIFICATION            | 1    |
| 17   | 030148 | CABLE     | PANEL TO ENGINE 8 PIN            | 1    |
| 18-1 | 033764 | SWITCH    | PUSHBUTTON START/PREHEAT         | 2    |
| 18-2 | 019031 | CAP       | SWITCH COVER REPLACEMENT         | 2    |
| 19   | 011917 | METER     | TACHOMETER-HOUR                  | 1    |
| 20   | 036829 | ALARM     | ASSEMBLY                         | 1    |
| 21   | 035825 | WIRE      | POWER TO METER LAMPS             | 3    |
| 22   | 036844 | DIAGRAM   | WIRING ENGINE WITH ADMIRAL PANEL | 1    |
| 23   | 036473 | PANEL     | CAPTAIN                          | 1    |
| 24   | 036590 | METER     | TACHOMETER                       | 1    |
| 25   | 036043 | PANEL     | PLATE                            | 1    |
| 26-1 | 036479 | SWITCH    | TEST                             | 1    |
| 26-2 | 036490 | CAP       | SWITCH                           | 1    |
| 27   | 013355 | BUZZER    | ALARM                            | 1    |
| 28   | 030946 | PLUG      | NYLON                            | 1    |
| 29-1 | 024947 | LAMP      | 12VDC                            | 3    |
| 29-2 | 036483 | HOLDER    | LAMP                             | 3    |
| 30   | 036626 | HARNESS   | PANEL TO ENGINE 4 PIN            | 1    |
| 31   | 036627 | HARNESS   | PANEL TO ENGINE 8 PIN            | 1    |
| 32   | 036477 | ASSEMBLY  | TERMINAL-DIODE                   | 1    |
| 33   | 036544 | SPACER    | TERMINAL-DIODE ASSEMBLY          | 2    |
| 34   | 036545 | SCREW     | 6-32 X 3/4 TAPPING SS            | 2    |
| 35   | 036467 | DIAGRAM   | WIRING ENGINE WITH CAPTAIN PANEL | 1    |
| 36   | 036630 | DRAWING   | TEMPLATE TO INSTALL EITHER PANEL | 1    |

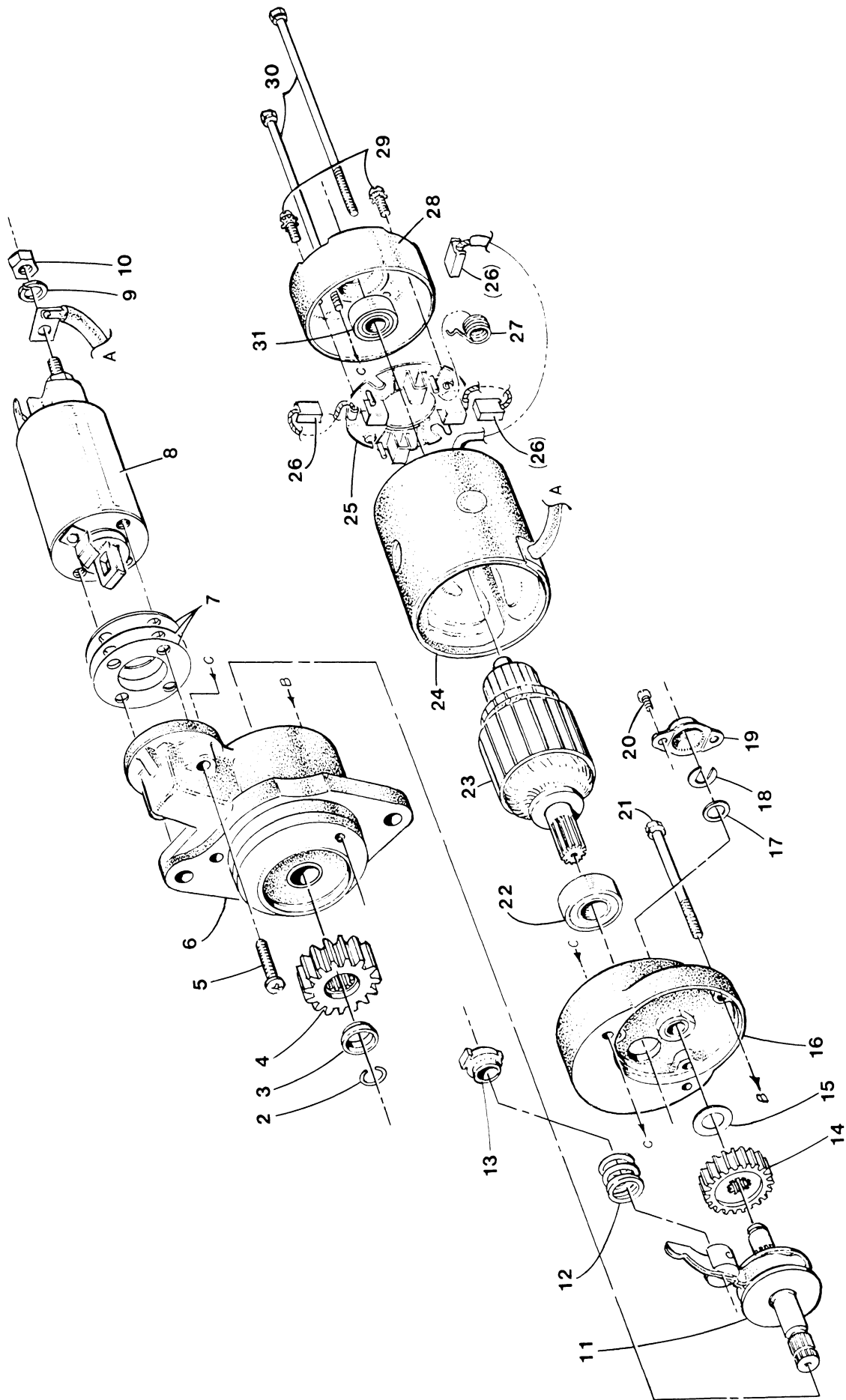




WESTERBEKE 15.0 BTD - GENERATOR CONTROL PANEL

| REF  | PN     | NAME       | REMARKS                          | QUAN |
|------|--------|------------|----------------------------------|------|
| 1    | 036539 | PANEL      | GENERATOR CONTROL REF 2 THRU 13  | 1    |
| 2    | 036192 | HOURLMETER |                                  | 1    |
| 3    | 037605 | VOLTMETER  | 12VDC                            | 1    |
| 4    | 037603 | METER      | OIL PRESSURE 100 PSI             | 1    |
| 5    | 037601 | METER      | WATER TEMPERATURE                | 1    |
| 6-1  | 034485 | PLATE      | PANEL                            | 1    |
| 6-2  | 035303 | COVER      | BOX WHEN PANEL IS REMOTE MOUNTED | 1    |
| 7    | 024731 | SWITCH     | STOP                             | 1    |
| 8    | 024732 | SWITCH     | PREHEAT-STOP                     | 2    |
| 9-1  | 035114 | LAMP       | INSTRUMENT WEDGE BASE 12VDC      | 3    |
| 9-2  | 035118 | HOLDER     | LAMP WEDGE BASE                  | 3    |
| 9-3  | 035825 | WIRE       | LAMP POWER CONNECTION            | 3    |
| 10-1 | 031900 | NUT        | 10-32                            | AR   |
| 10-2 | 031902 | LOCKWASHER | 10                               | AR   |
| 11   | 031904 | NUT        | 10-24 KEPS                       | 1    |
| 12   | 036538 | HARNESS    | PANEL                            | 1    |
| 13   | 031999 | RING       | TOGGLE SWITCH MOUNT LOCKING      | 3    |
| 14   | 034421 | SCREW      | 8-32 X 3/8 TRUSS HEAD BLACK SS   | 4    |
| 15   | 036464 | NIPPLE     | CHASE WITH BUSHING               | 1    |
| 16   | 036492 | RING       | SEALING                          | 1    |
| 17   | 036837 | WASHER     | REDUCER                          | 1    |
| 18   | 036463 | HARNESS    | ENGINE                           | 1    |
| 19-1 | 036480 | ASSEMBLY   | BOX AND HARNESS                  | 1    |
| 19-2 | 036466 | BOX        | GENERATOR CONTROL PANEL          | 1    |
| 20   | 013938 | JUMPER     | TERMINAL BLOCK                   | 1    |
| 21   | 036698 | WIRE       | STOP SWITCH TO TERMINAL BLOCK    | 1    |
| 22   | 013363 | MARKER     | TERMINAL BLOCK                   | 1    |
| 23   | 013856 | PLATE      | SCREW-TERMINAL BLOCK             | 2    |
| 24-1 | 031866 | SCREW      | 8-32 X 7/8 BINDING HEAD SS       | 4    |
| 24-2 | 031842 | NUT        | 8-32 HEX SS                      | 4    |
| 24-3 | 031843 | WASHER     | FLAT 8                           | 4    |
| 24-4 | 031844 | LOCKWASHER | 8                                | 4    |
| 25   | 013320 | BLOCK      | TERMINAL                         | 1    |
| 26-1 | 033259 | SWITCH     | EMERGENCY STOP                   | 1    |
| 26-2 | 033258 | BOOT       | EMERGENCY STOP SWITCH            | 1    |
| 26-3 | 033251 | LABEL      | EMERGENCY STOP SWITCH            | 1    |
| 27-1 | 031855 | SCREW      | 6-32 X 5/8 BINDING HEAD SS       | 4    |
| 27-2 | 031837 | NUT        | 6-32 HEX SS                      | 4    |
| 27-3 | 031838 | WASHER     | FLAT 6                           | 4    |
| 27-4 | 031839 | LOCKWASHER | 6                                | 4    |
| 28   | 015222 | PLATE      | SCREW-TERMINAL BLOCK             | 2    |
| 29   | 019122 | MARKER     | TERMINAL BLOCK                   | 1    |
| 30   | 019121 | BLOCK      | TERMINAL                         | 1    |
| 32   | 036232 | HARNESS    | PANEL BOX                        | 1    |
| 33   | 024968 | LABEL      | GENSET OPERATION                 | 1    |

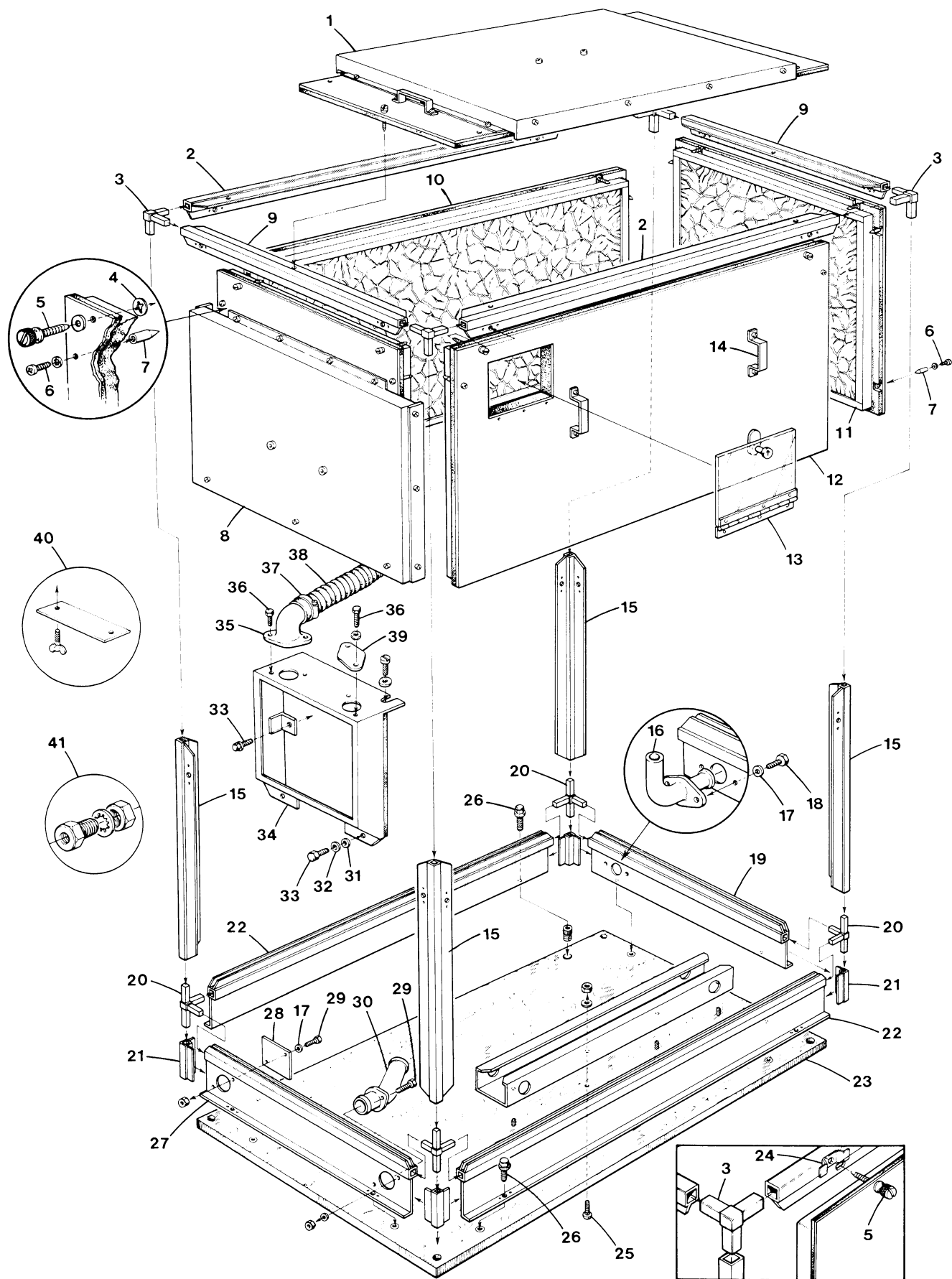
# WESTERBEKE 46 - 15.0 BTD - STARTER MOTOR



WESTERBEKE 46 - 15.0 BTD - STARTER MOTOR

| REF | PN     | NAME       | REMARKS                           | QUAN |
|-----|--------|------------|-----------------------------------|------|
| 1   | 030593 | MOTOR      | STARTER 12VDC                     | 1    |
| 2   |        | RING       | RETAINING SEE REF 3               | 1    |
| 3   | 030261 | RETAINER   | INCLUDING REF 2                   | 1    |
| 4   | 030700 | PINION     | INCLUDING REF 2 AND 3             | 1    |
| 5   | 030263 | SCREW SET  | INCLUDING REF 29                  | 1    |
| 6   |        | BRACKET    | FRONT                             | 1    |
| 7   |        | SHIMS      | SOLENOID SEE REF 8                | AR   |
| 8   | 030245 | SOLENOID   | INCLUDING REF 7                   | 1    |
| 9   | 031786 | LOCKWASHER | M 8 DIN 127                       | 2    |
| 10  | 018242 | NUT        | M 8 DIN 934                       | 2    |
| 11  | 030265 | SHAFT      | ASSEMBLY                          | 1    |
| 12  |        | SPRING     |                                   | 1    |
| 13  |        | RETAINER   |                                   | 1    |
| 14  | 030695 | GEAR       |                                   | 1    |
| 15  |        | WASHER     | SEE REF 19                        | 1    |
| 16  |        | BRACKET    | CENTER                            | 1    |
| 17  |        | WASHER     | SEE REF 19                        | 1    |
| 18  |        | CLIP       | SEE REF 19                        | 1    |
| 19  | 030696 | COVER      | INCLUDING REF 15,17,18,20         | 1    |
| 20  |        | SCREW      | SEE REF 19                        | 2    |
| 21  | 030692 | CAPSCREW   | M 5 X 73                          | 1    |
| 22  | 031305 | BEARING    | ARMATURE                          | 1    |
| 23  |        | ARMATURE   | INCLUDING BEARINGS                | 1    |
| 24  |        | HOUSING    | YOKE ASSEMBLY                     | 1    |
| 25  | 030262 | HOLDER     | BRUSH ASSEMBLY INCL REF 26 AND 27 | 1    |
| 26  |        | BRUSH      | SEE REF 25                        | 4    |
| 27  | 030246 | SPRING     | BRUSH                             | 1    |
| 28  | 030697 | HOUSING    | REAR                              | 1    |
| 29  |        | SCREW      | SEE REF 5                         | 2    |
| 30  |        | CAPSCREW   |                                   | 2    |
| 31  | 031306 | BEARING    | ARMATURE                          | 1    |

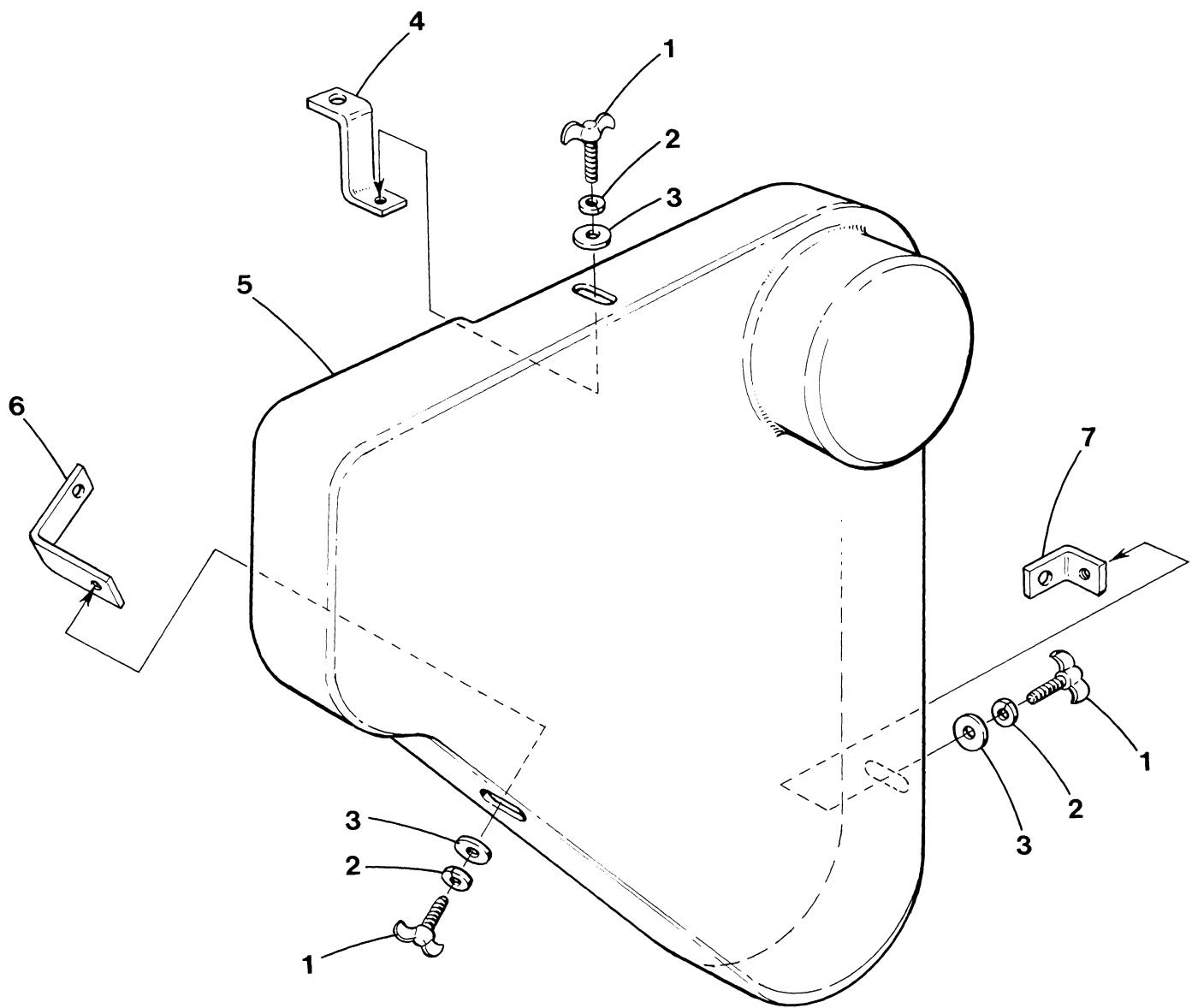
# WESTERBEKE 15.0 BTD - GENERATOR SOUND GUARD



WESTERBEKE 15.0 BTD - GENERATOR SOUND GUARD

| REF  | PN     | NAME       | REMARKS                    | QUAN |
|------|--------|------------|----------------------------|------|
| 1    |        | PANEL      | TOP                        | 1    |
| 2    | 036676 | RAIL       | SIDE                       | 2    |
| 3    | 024057 | CORNER     |                            | 4    |
| 4    | 030896 | RETAINER   | QUICK OPENING SCREW        | AR   |
| 5    | 030895 | SCREW      | QUICK OPENING              | AR   |
| 6    | 031940 | SCREW      | 6-32 X 3/8 SEMS PHIL HD    | AR   |
| 7    | 030775 | GUIDE      | PANEL ALIGNMENT            | AR   |
| 8    |        | PANEL      | REAR                       | 1    |
| 9    | 036678 | RAIL       | END                        | 2    |
| 10   |        | PANEL      | SIDE                       | 1    |
| 11   |        | PANEL      | FRONT                      | 1    |
| 12   |        | PANEL      | SIDE WITH WINDOW           | 1    |
| 13   | 037417 | WINDOW     | ASSEMBLY                   | 1    |
| 14-1 | 035720 | HANDLE     |                            | AR   |
| 14-2 | 031937 | SCREW      | 8-32 X 3/8 SEMS PHIL HD    | AR   |
| 15   | 037392 | POST       | CORNER                     | 4    |
| 16   | 036624 | ELBOW      | SEA WATER INLET            | 1    |
| 17   | 031752 | LOCKWASHER | 1/4                        | AR   |
| 18   | 031502 | CAPSCREW   | 1/4NC X 5/8                | 2    |
| 19   | 036674 | SKIRT      | FRONT                      | 1    |
| 20   | 024058 | CORNER     |                            | 4    |
| 21   | 030880 | CLOSURE    | SKIRT CORNER               | 4    |
| 22   | 036675 | SKIRT      | SIDE                       | 2    |
| 23   |        | BASE       |                            | 1    |
| 24-1 | 030897 | RECEPTACLE | QUICK OPENING SCREW        | AR   |
| 24-2 | 030898 | RIVET      |                            | AR   |
| 25   | 015683 | BOLT       | CARRIAGE 3/8NC X 1         | 6    |
| 26   | 031526 | CAPSCREW   | 1/4NF                      | 8    |
| 27   | 037389 | SKIRT      | REAR                       | 1    |
| 28   | 037388 | COVER      | UNUSED EXHAUST PORT        | 1    |
| 29   | 031503 | CAPSCREW   | 1/4NC X 3/4                | 4    |
| 30   | 036744 | ELBOW      | EXHAUST                    | 1    |
| 31   | 031784 | WASHER     | M 6 DIN 125                | 4    |
| 32   | 031783 | LOCKWASHER | M 6 DIN 127                | 4    |
| 33   | 017012 | CAPSCREW   | M 6 X 16 DIN 933           | 4    |
| 34   | 036669 | PLENUM     | AIR INTAKE                 | 1    |
| 35   | 032590 | ELBOW      | AIR DUCT                   | 1    |
| 36   | 031937 | SCREW      | 8-32 X 3/8 SEMS PHIL HD    | 4    |
| 37   | 022559 | CLAMP      | HOSE 40                    | 2    |
| 38   | 031902 | HOSE       | AIR INTAKE INCHES REQUIRED | 21   |
| 39   | 036672 | COVER      | UNUSED AIR DUCT HOLE       | 1    |
| 40   | 037298 | COVER KIT  | BOTTOM OF GENSET VENT      | 1    |
| 41   | 023991 | ADAPTER    | FUEL LINES THRU SKIRT      | 2    |

WESTERBEKE 15.0 BTD - GENERATOR BELT GUARD



# WESTERBEKE 15.0 BTD - GENERATOR BELT GUARD

| REF | PN     | NAME       | REMARKS     | QUAN |
|-----|--------|------------|-------------|------|
| 1   | 033228 | WINGSCREW  | 10-32 X 1/2 | 3    |
| 2   | 031849 | LOCKWASHER | 10          | 3    |
| 3   | 033372 | WASHER     | FLAT        | 3    |
| 4   | 036420 | BRACKET    | BELT GUARD  | 1    |
| 5   | 036403 | GUARD      | BELT        | 1    |
| 6   | 035328 | BRACKET    | BELT GUARD  | 1    |
| 7   | 036600 | BRACKET    | BELT GUARD  | 1    |

WESTERBEKE 46 - 15.0 BTD - MISCELLANEOUS

| REF  | PN     | NAME       | REMARKS                                | QUAN |
|------|--------|------------|----------------------------------------|------|
| 1-1  | 034444 | KIT A      | SPARE PARTS                            | 1    |
| 1-2  | 034445 | KIT B      | SPARE PARTS EXTENDED CRUISING          | 1    |
| 2-1  | 034443 | GASKET SET | UPPER                                  | 1    |
| 2-2  | 034442 | GASKET SET | COMPLETE                               | 1    |
| 3    | 034441 | KIT        | FUEL HARDWARE                          | 1    |
| 4    | 024177 | KIT        | REMOTE FRESH WATER SURGE TANK          | 1    |
| 5    | 013758 | PAINT      | RED AEROSOL SPRAY CAN                  | 1    |
| 6    | 032149 | FILTER KIT | REMOTE LUBE OIL                        | 1    |
| 7    | 020654 | SPLITTER   | ALTERNATOR OUTPUT                      | 1    |
| 8-1  | 030760 | HARNESS    | 15 FOOT EXTENSION 8 PIN                | 1    |
| 8-2  | 036557 | HARNESS    | 15 FOOT EXTENSION 4 PIN                | 1    |
| 9    | 034908 | PARTS LIST |                                        | 1    |
| 10   | 034907 | MANUAL     | TECHNICAL                              | 1    |
| 11-1 | 034468 | MANUAL     | OPERATOR W46 PROPULSION                | 1    |
| 11-2 | 036856 | MANUAL     | OPERATOR 15.0 BTD GENSET               | 1    |
| 12   | 032974 | FILTER     | SEDIMENTER/WATER TRAP                  | 1    |
| 13-1 | 033685 | DIAGRAM    | PROPULSION WIRING 8 PIN HARNESS        | 1    |
| 13-2 | 036467 | DIAGRAM    | PROPULSION WIRING 12 PIN CAPTAIN PANEL | 1    |
| 13-3 | 036844 | DIAGRAM    | PROPULSION WIRING 12 PIN ADMIRAL PANEL | 1    |
| 13-4 | 036411 | DIAGRAM    | GENSET WIRING                          | 1    |
| 14   | 034936 | MUFFLER    | HYDRO-HUSH C                           | 1    |
| 15-1 | 033340 | ADAPTER    | HOSE TO MUFFLER STRAIGHT               | AR   |
| 15-2 | 033341 | ADAPTER    | HOSE TO MUFFLER 45 DEGREE              | AR   |
| 15-3 | 033342 | ADAPTER    | HOSE TO MUFFLER 90 DEGREE              | AR   |
| 16   | 033943 | COUPLING   | RUBBER                                 | AR   |
| 17   | 033327 | VALVE      | ANTI-SIPHON VENT                       | 1    |
| 18   | 012169 | LINE       | FLEX EXHAUST 1.5NPT X 12 STAINLESS     | 1    |
| 19   | 015010 | STRAINER   | SEA WATER                              | 1    |
| 20-1 | 032009 | SWITCH     | GENERATOR SHIP-SHORE 3 WIRE            | 1    |
| 20-2 | 032010 | SWITCH     | GENERATOR SHIP-SHORE 2 WIRE            | 1    |



