



# SX - LOWER GEAR UNIT

| REF | PART NO. | QTY | DESCRIPTION                                       | SEE SEC. | NOTES                               |
|-----|----------|-----|---|----------|-------------------------------------|
|     | 3854380  | 1   | Drive unit, 1. 66: 1                              |          |                                     |
| 1   | 3854385  | 1   | • Gear housing                                    |          |                                     |
| 2   | 3852513  | 4   | • • Thread insert, 5/16-18                        |          |                                     |
| 3   | 3852567  | 1   | • • Thread insert, 5/16-18, short                 |          |                                     |
| 4   | 3853934  | 1   | • • Roller bearing, Pinion                        |          |                                     |
| 5   | 3852515  | 1   | • • Thread insert, Prop shaft retainer            |          |                                     |
| 6   | 3852404  | 1   | • Gear set, 1.66:1                                |          |                                     |
| 7   | 3853941  | 1   | • Pump rotor                                      |          |                                     |
| 8   | 3850942  | 1   | • Bearing, Gear to gearcase                       |          |                                     |
| 9   | 3851003  | 1   | • Nut, Pinion to driveshaft                       |          |                                     |
| 10  | 3854249  | 1   | • Bearing, Prop shaft housing                     |          |                                     |
| 11  | 3853474  | 1   | • Seal, Prop shaft housing                        |          | Contents of Lower Gearcase Seal Kit |
| 12  | 3852865  | 1   | • O-ring, Propeller shaft hsg                     |          | Contents of Lower Gearcase Seal Kit |
| 13  | 3850695  | X   | • Adjusting washer, Gear position, 0.002 in       |          |                                     |
|     | 3852886  | X   | • Shim, Gear position, 0.003 in                   |          |                                     |
|     | 3852885  | X   | • Shim, Gear position, 0.004 in                   |          |                                     |
|     | 3852887  | X   | • Shim, Gear position, 0.005 in                   |          |                                     |
|     | 3852888  | X   | • Shim, Gear position, 0.010 in                   |          |                                     |
| 14  | 3852881  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.096' |          |                                     |
|     | 3852882  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.098' |          |                                     |
|     | 3852868  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.100' |          |                                     |
|     | 3852869  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.102' |          |                                     |
|     | 3852870  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.104' |          |                                     |
|     | 3852871  | X   | • Adjusting washer, Shim, propshaft hsg.,0.106'   |          |                                     |
|     | 3852872  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.108' |          |                                     |
|     | 3852873  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.110' |          |                                     |
|     | 3852874  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.112' |          |                                     |
|     | 3852875  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.114' |          |                                     |
|     | 3852876  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.116' |          |                                     |
|     | 3852877  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.118' |          |                                     |
|     | 3852878  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.120' |          |                                     |
|     | 3852879  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.122' |          |                                     |
|     | 3852880  | X   | • Adjusting washer, Shim, prop shaft hsg., 0.124' |          |                                     |
| 15  | 3852337  | 1   | • Countershaft, Lower                             |          |                                     |
| 16  | 3854249  | 1   | • Bearing, Driveshaft, lower                      |          |                                     |
| 17  | 3854250  | 1   | • Bearing, Driveshaft, upper                      |          |                                     |
| 18  | 3852889  | X   | • Shim, Pinion position, 0.003 in                 |          |                                     |
|     | 3852890  | X   | • Shim, Pinion position, 0.004 in                 |          |                                     |
|     | 3852891  | X   | • Shim, Pinion position, 0.005 in                 |          |                                     |
|     | 3852892  | X   | • Shim, Pinion position, 0.010 in                 |          |                                     |
| 19  | 3853492  | 1   | • Housing, Propeller shaft                        |          |                                     |
| 20  | 3853272  | 1   | • Screw, Prop shaft housing                       |          |                                     |
| 21  | 3852271  | 1   | • Driveshaft                                      |          |                                     |
| 22  | 3852454  | 4   | • Screw, Guide & seal                             |          |                                     |
| 23  | 3852866  | 1   | • O-ring, Support housing                         |          | Contents of Lower Gearcase Seal Kit |
| 24  | 3852959  | 1   | • O-ring, Oil passage                             |          | Contents of Lower Gearcase Seal Kit |
| 25  | 3854539  | 1   | • Plug, Gearcase plug                             |          |                                     |
| 26  | 3855081  | 1   | • • O-ring, Gearcase plug                         |          | Contents of Lower Gearcase Seal Kit |
| 27  | 3852970  | 1   | • Anode, Prop shaft housing                       |          |                                     |
| 28  | 3852971  | 1   | • Retainer, Anode                                 |          |                                     |

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| 29  | 3852972  | 1   | · Screw, Anode                 |             |   |
| 30  | 3853309  | 2   | · Screw, Anode retainer        |             |   |
| 31  | 3852973  | 1   | · Washer, Anode                |             |   |
| 32  | 3852883  | 1   | · Retainer, Driveshaft         |             |   |
| 33  | 3853371  | 1   | · Retainer, Prop shaft housing |             |   |
| 34  | 3852478  | 1   | · Screw, Prop shaft retainer   |             |   |
| 35  | 3853932  | 1   | · Guide, Water tube            |             | Contents of Lower Gearcase Seal Kit           |
| 36  | 3850662  | 1   | Plug, Trim tab hole            |             |   |
| 37  | 3852008  | 1   | Screw, Trim tab                |             |   |
| 38  | 3854402  | 1   | Trim fin                       |             |   |
| 39  | 3852349  | 1   | Screw, Lower to upper housing  |             |   |
| 40  | 3853262  | 4   | Screw, Lower to upper housing  |             |   |
| 41  | 3852960  | 1   | Screw, Lower to upper housing  |             |   |
| 42  | 3852268  | 1   | Splined sleeve, Intermediate   |             |   |
|     |          |     | Bulletin P-44-1-6              | P-44-1-6-EN | Lower Gear Unit                               |
| 43  | 3852056  | 1   | Pin, Propeller                 |             |   |
| 44  | 3852350  | 1   | Spacer, Propeller nut          |             |   |
| 45  | 3852020  | 1   | Bushing                        |             |   |
| 46  | 3850984  | 1   | Propeller nut, Propeller       |             |   |
| 47  | 3852314  | 1   | Tube, Water supply             |             |   |
| 48  | 3852315  | 1   | Seal, Water supply tube        |             | Contents of Lower Gearcase Seal Kit           |
| 49  | 3850315  | 1   | Propeller, 15 x 15             |             | Left-Hand Rotation, Stainless Steel           |
|     | 3850316  | 1   | Propeller, 15 x 17             |             | Left-Hand Rotation, Stainless Steel           |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850317  | 1   | Propeller, 141/2 x 19          |             | Left-Hand Rotation, Stainless Steel           |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850318  | 1   | Propeller, 141/2 21            |             | Left-Hand Rotation, Stainless Steel           |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850319  | 1   | Propeller, 141/2 x 23          |             | Left-Hand Rotation, Stainless Steel           |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850320  | 1   | Propeller, 15 x 17             |             | Left-Hand Rotation, Polished Stainless Steel  |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850321  | 1   | Propeller, 141/2 x 19          |             | Left-Hand Rotation, Polished Stainless Steel  |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850322  | 1   | Propeller, 141/4 x 21          |             | Left-Hand Rotation, Polished Stainless Steel  |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850323  | 1   | Propeller, 141/4 x 23          |             | Left-Hand Rotation, Polished Stainless Steel  |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850304  | 1   | Propeller, 151/2 x 14          |             | Right-Hand Rotation, Stainless Steel          |
|     | 3850305  | 1   | Propeller, 15 x 15             |             | Right-Hand Rotation, Stainless Steel          |
|     | 3850306  | 1   | Propeller, 15 x 16             |             | Right-Hand Rotation, Stainless Steel          |
|     | 3850307  | 1   | Propeller, 15 x 17             |             | Right-Hand Rotation, Stainless Steel          |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850308  | 1   | Propeller, 141/2 x 19          |             | Right-Hand Rotation, Stainless Steel          |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850309  | 1   | Propeller, 141/4 x 21          |             | Right-Hand Rotation, Stainless Steel          |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850310  | 1   | Propeller, 141/4 x 23          |             | Right-Hand Rotation, Stainless Steel          |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850298  | 1   | Propeller, 151/2- x 13         |             | Right-Hand Rotation, Aluminum                 |
|     | 3850299  | 1   | Propeller, 151/2 x 15          |             | Right-Hand Rotation, Aluminum                 |
|     | 3850300  | 1   | Propeller, 15 x 17 0           |             | Right-Hand Rotation, Aluminum                 |
|     | 3850301  | 1   | Propeller, 141/2 x 19          |             | Right-Hand Rotation, Aluminum                 |
|     | 3850302  | 1   | Propeller, 141/4 x 21          |             | Right-Hand Rotation, Aluminum                 |
|     | 3850303  | 1   | Propeller, 141/4 x 23          |             | Right-Hand Rotation, Aluminum                 |
|     | 3850311  |     | Propeller, 15 x 17             |             | Right-Hand Rotation, Polished Stainless Steel |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850312  |     | Propeller, 141/2 x 19          |             | Right-Hand Rotation, Polished Stainless Steel |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |
| 49  | 3850313  |     | Propeller, 141/4 x 21          |             | Right-Hand Rotation, Polished Stainless Steel |
|     |          |     | Bulletin 56-11                 | 56-11-EN    | Replacement of SX Propellers                  |

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| 49  | 3850314  | 1   | Propeller, 141/4 x 23        |             | Right-Hand Rotation, Polished Stainless Steel |
|     |          |     | Bulletin 56-11               | 56-11-EN    | Replacement of SX Propellers                  |
| 50  | 3850324  | 1   | Propeller bushing, Propeller |             | Aluminum                                      |
|     | 3850325  | 1   | Propeller bushing, Propeller |             | Stainless Steel, Polished Stainless Steel     |
| 51  | 3850831  | 1   | Sleeve, Bushing              |             |   |
| 52  | 3854241  | 1   | Ring, Converging             |             |   |
| 53  | 3853818  | 1   | Zinc anod, Gearcase          |             |   |
|     |          |     | Bulletin P-44-1-1            | P-44-1-1-EN | Anodes, SX AND DP-S                           |
| 54  | 3852182  | 2   | Lock washer, Anode           |             |   |
| 55  | 3852186  | 2   | Screw, Anode                 |             |   |
| 56  | 3850597  | 1   | Sealing kit                  |             |   |