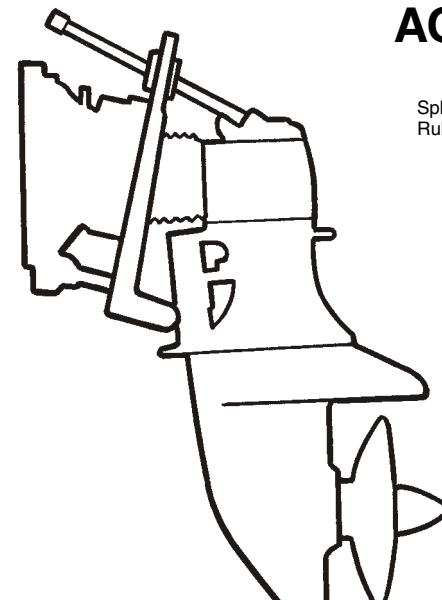
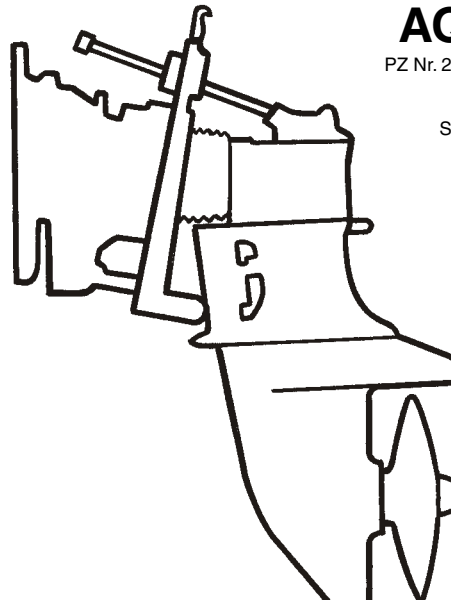
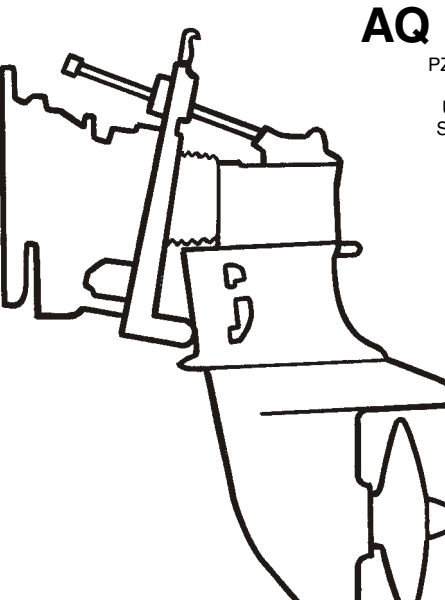
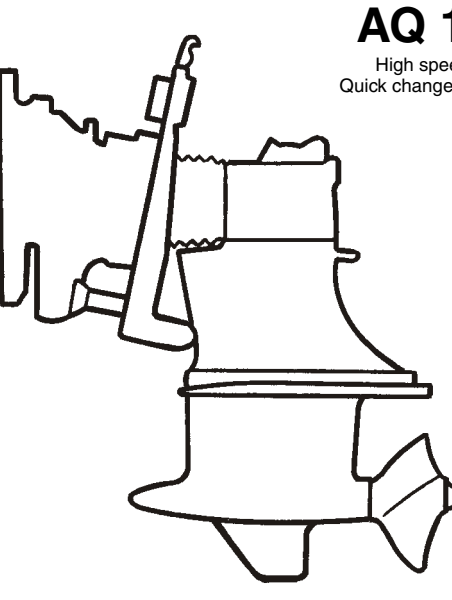
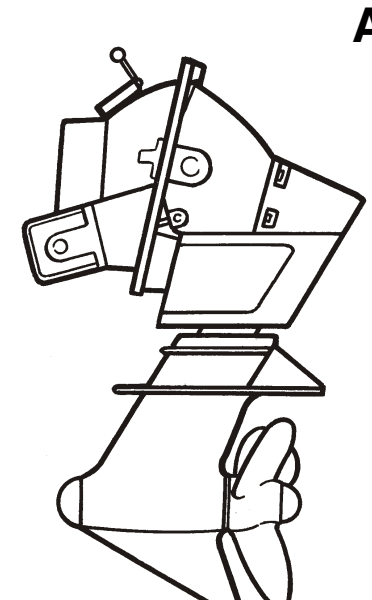
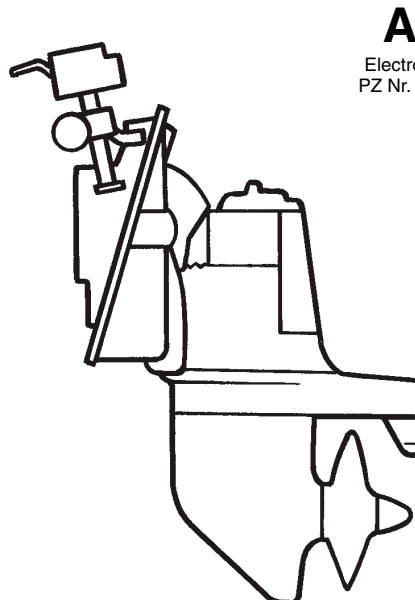
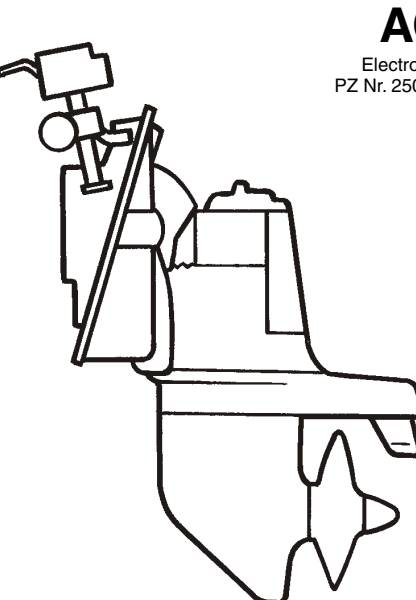
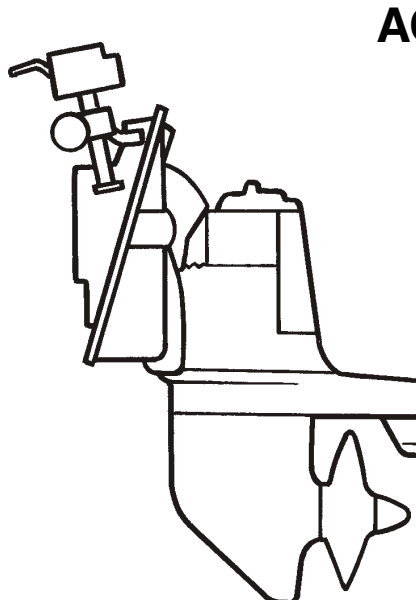
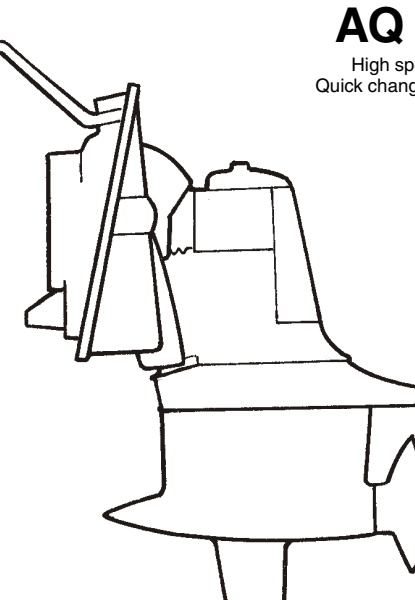
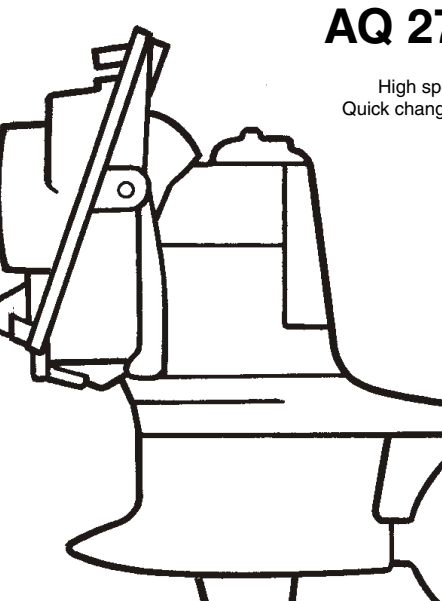
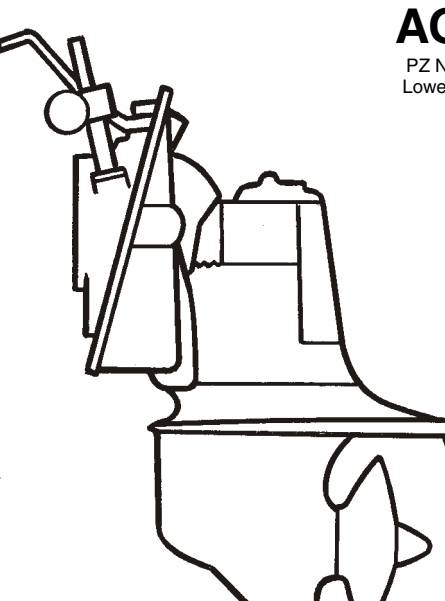
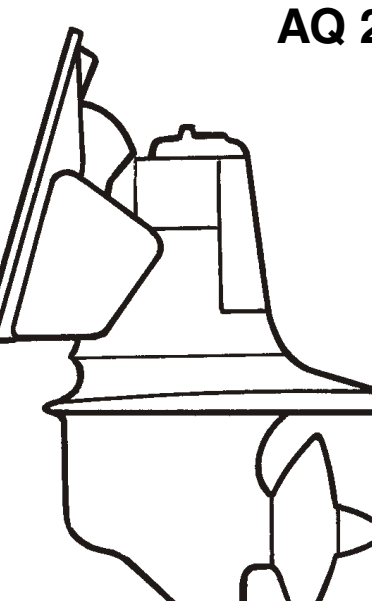
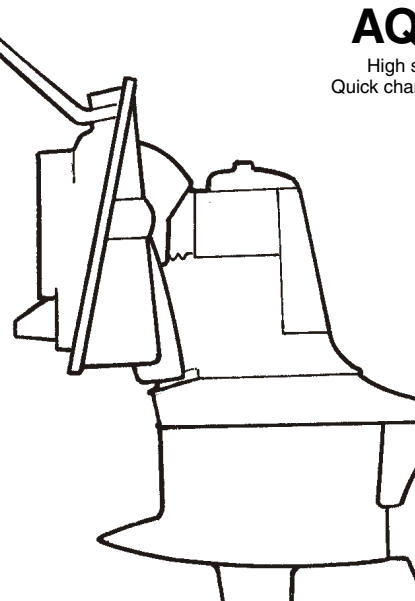
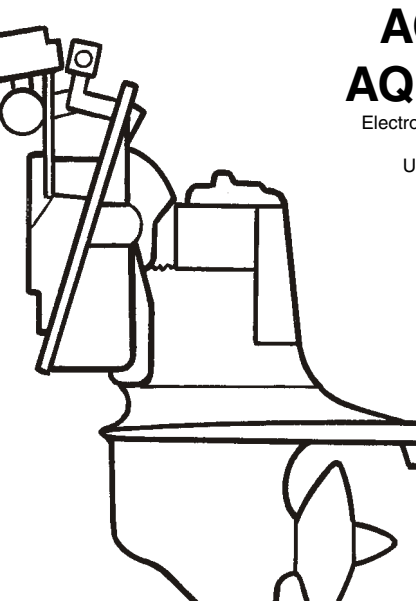
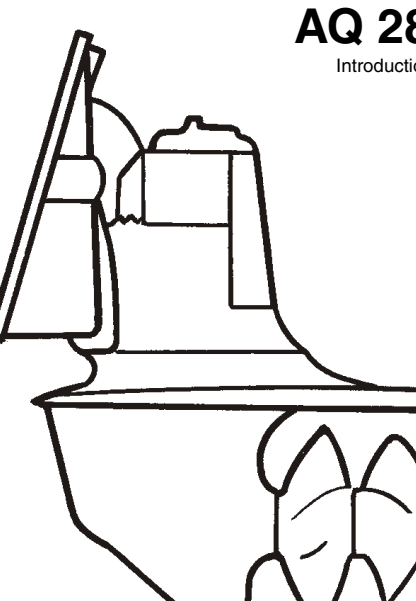
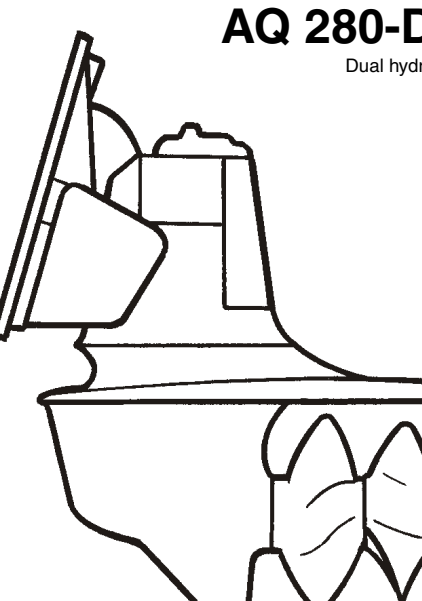
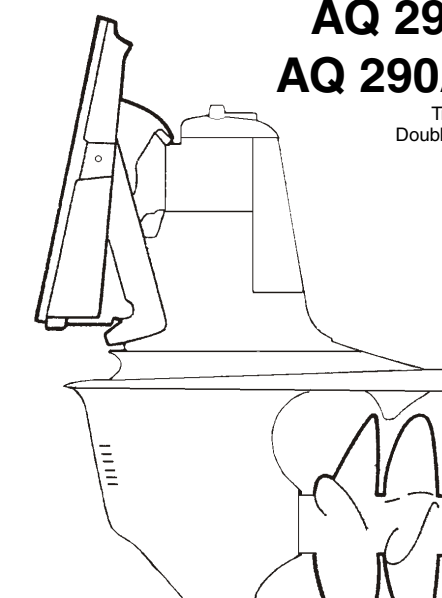
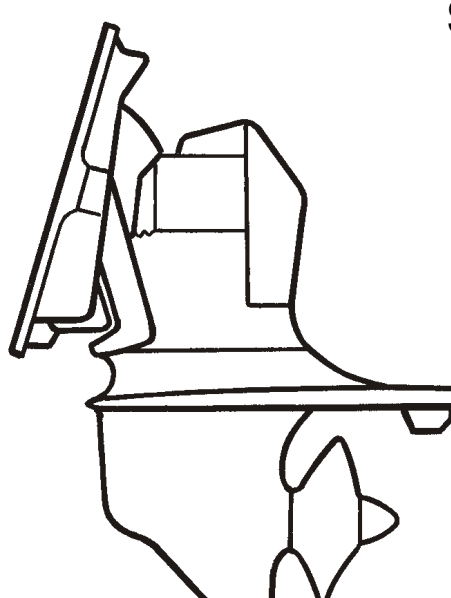
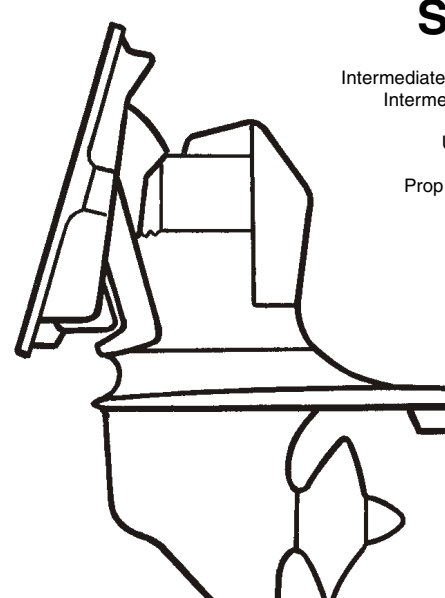
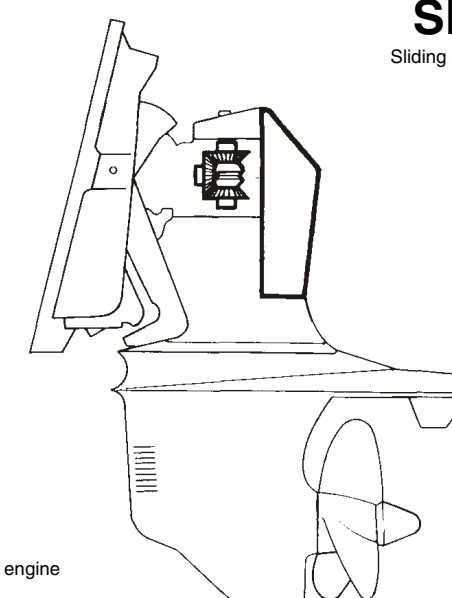
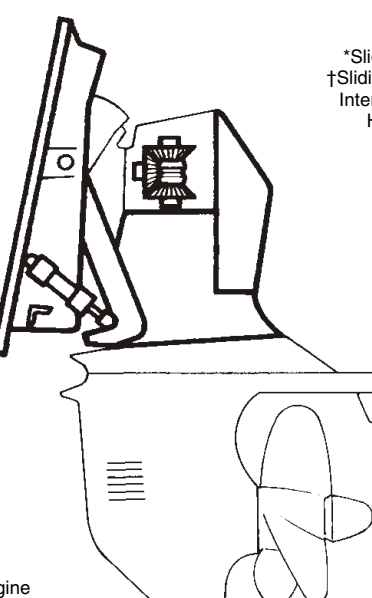
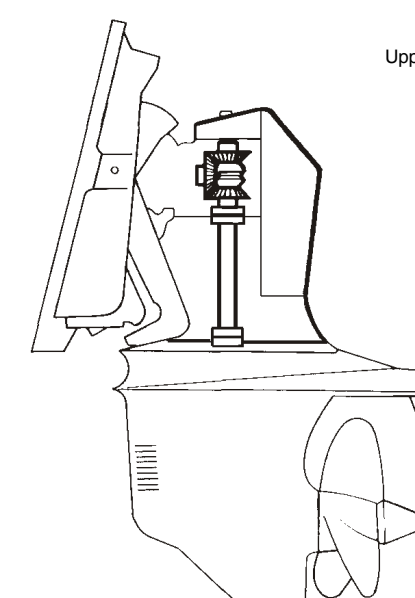
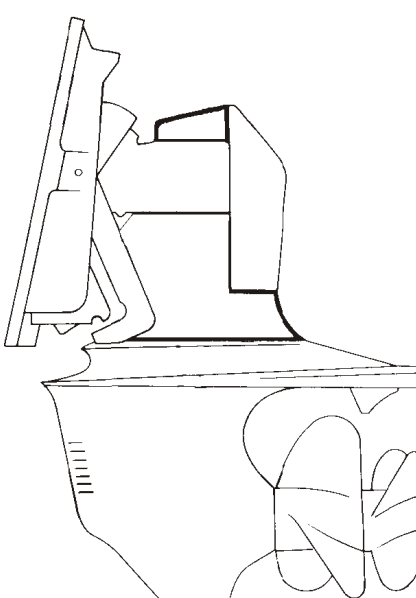
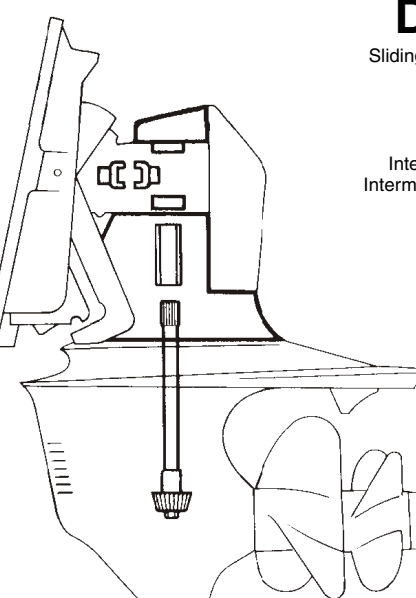
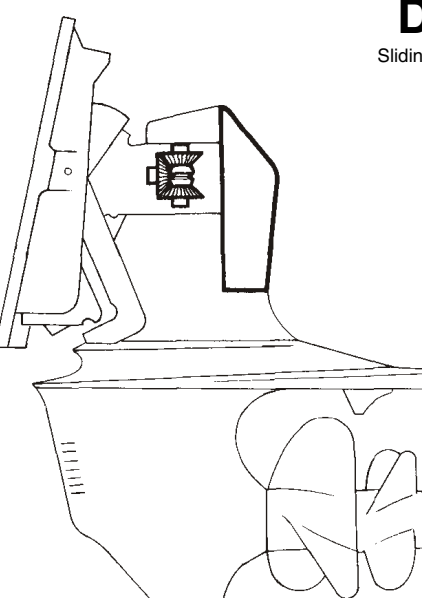
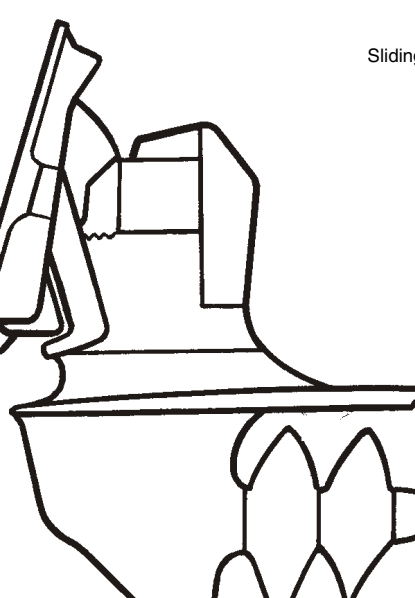
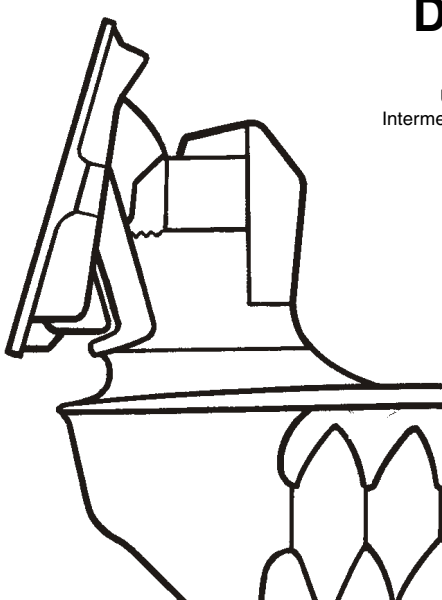
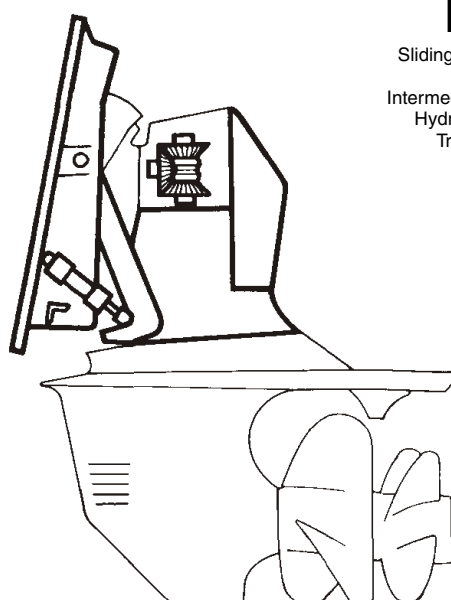
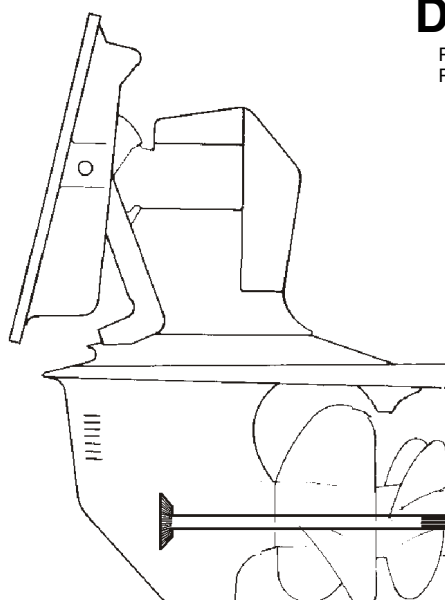
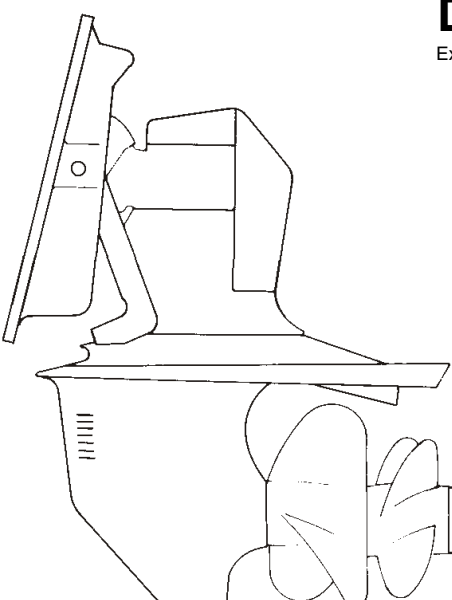
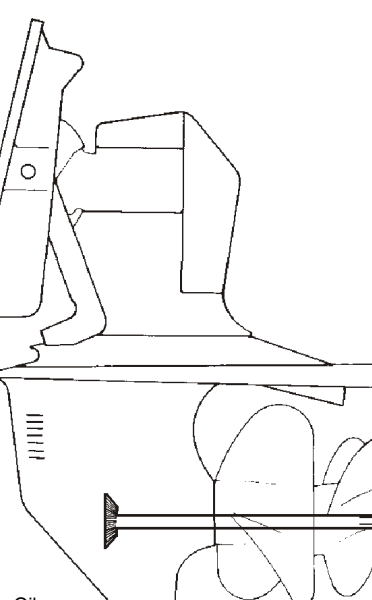
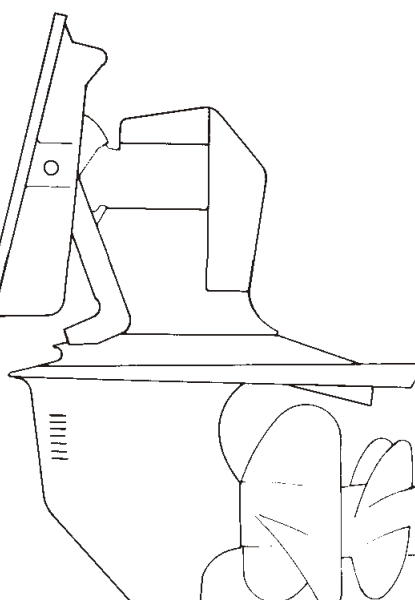
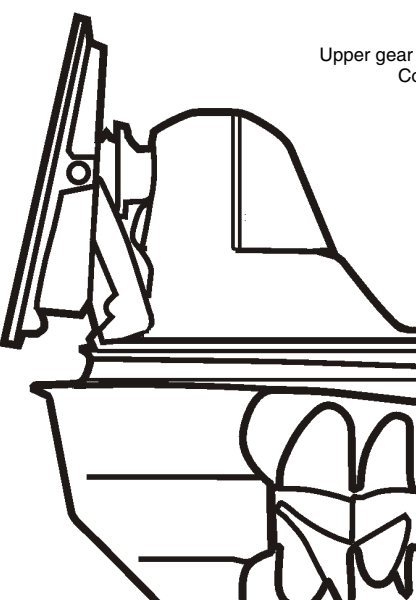
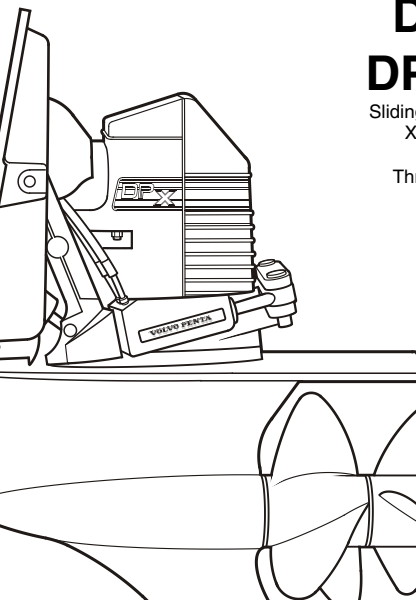
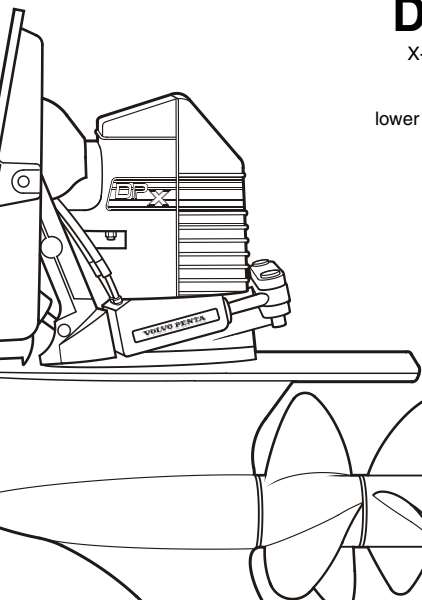
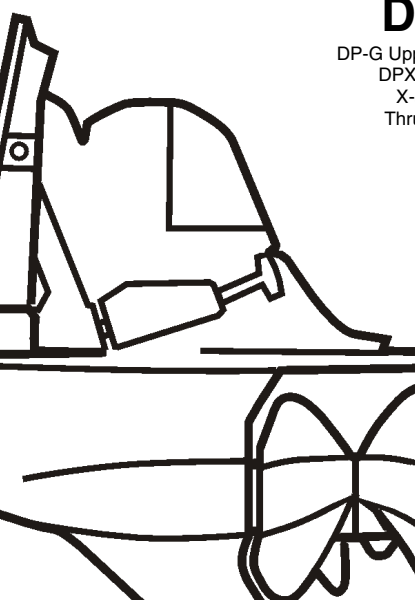
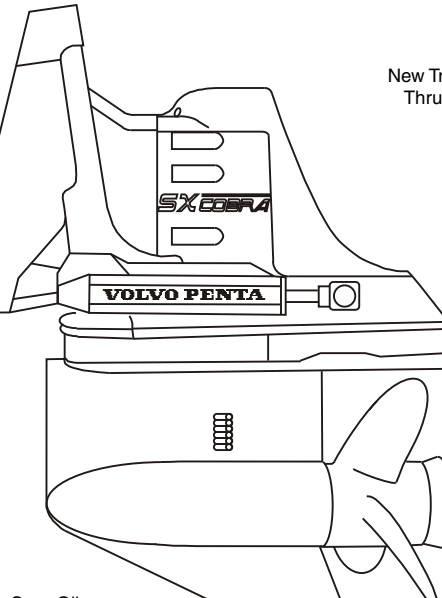
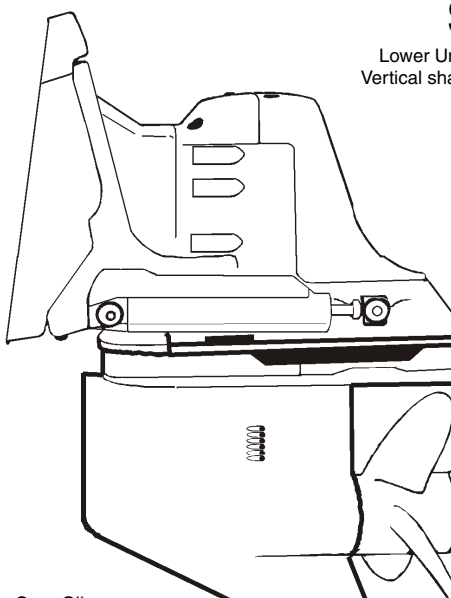
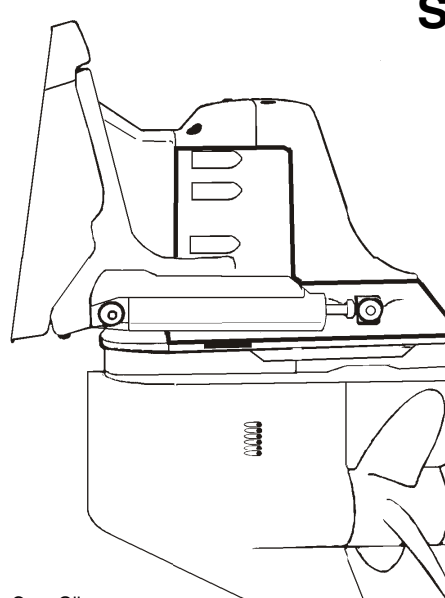
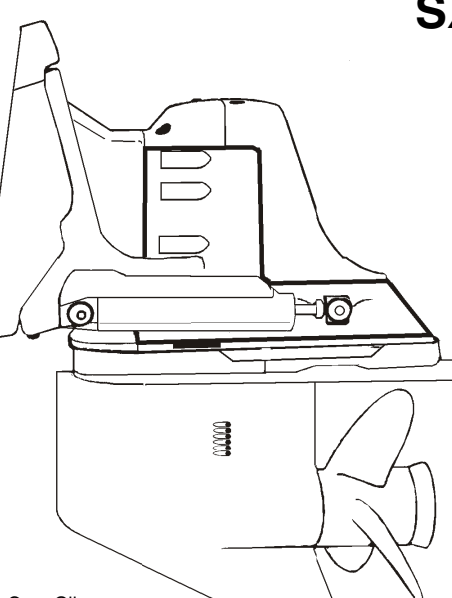
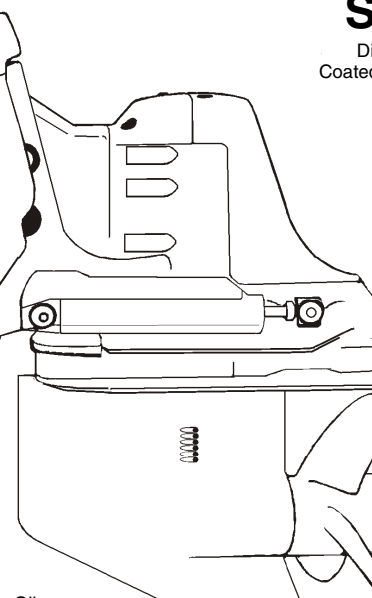
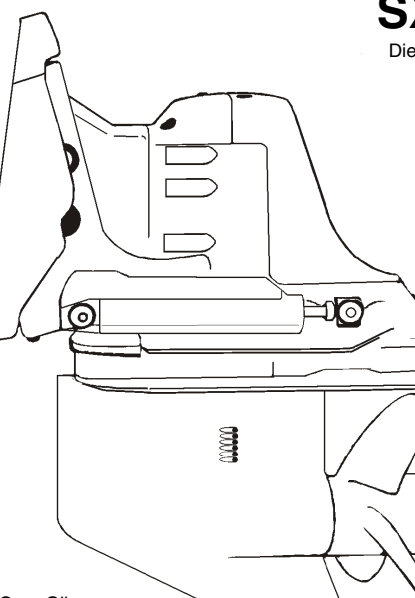
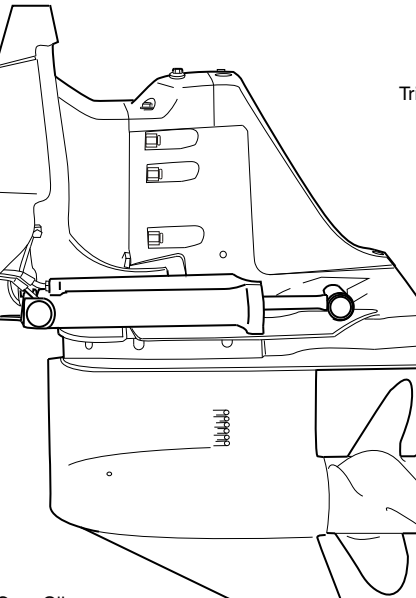
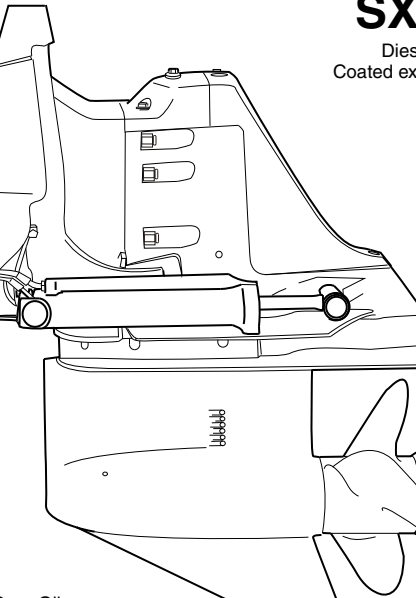
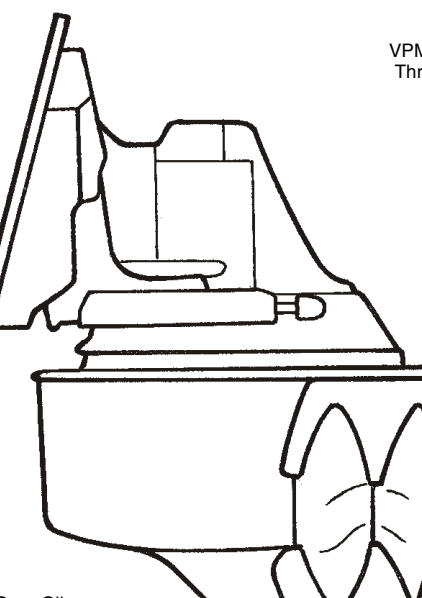
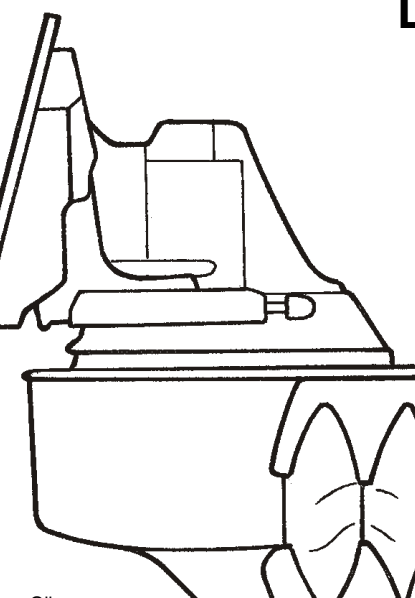
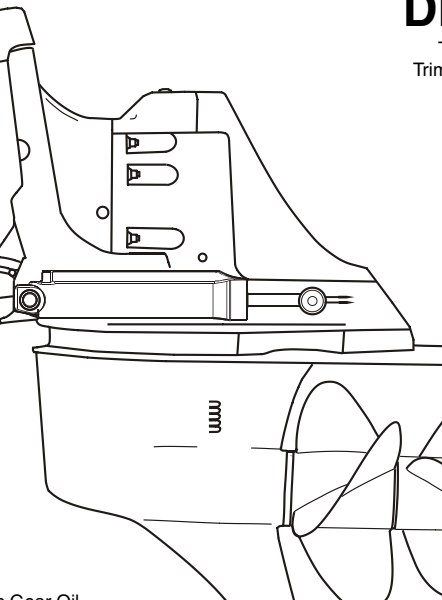
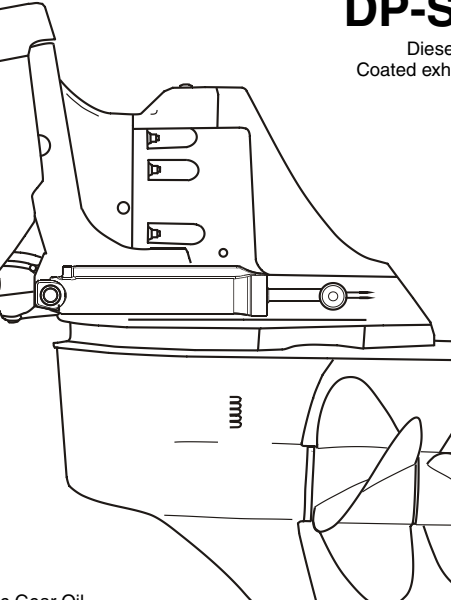
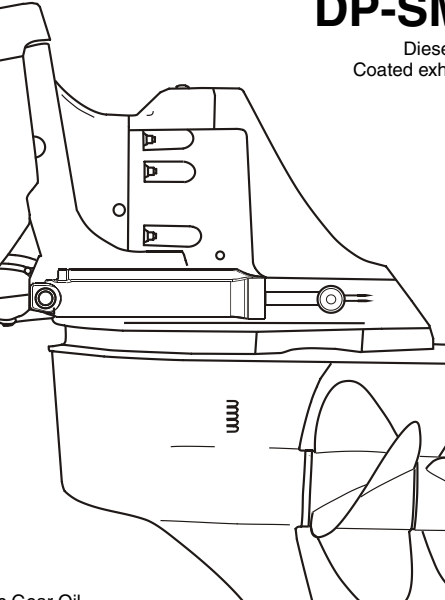
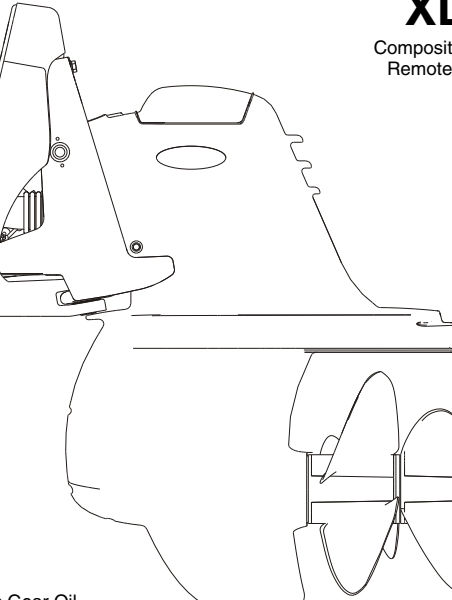
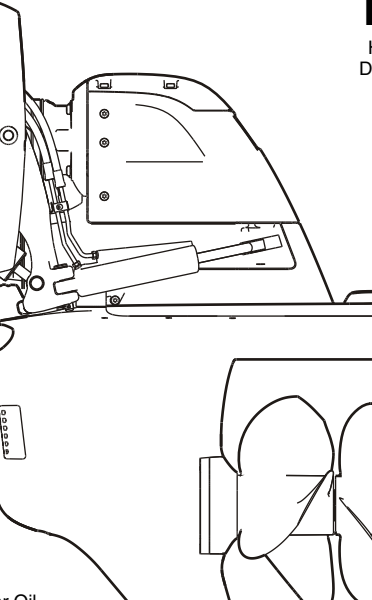
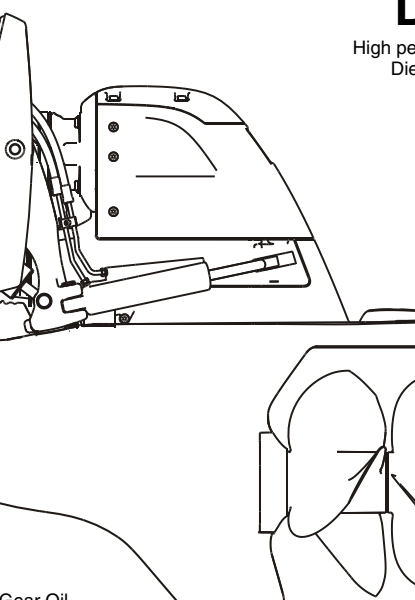
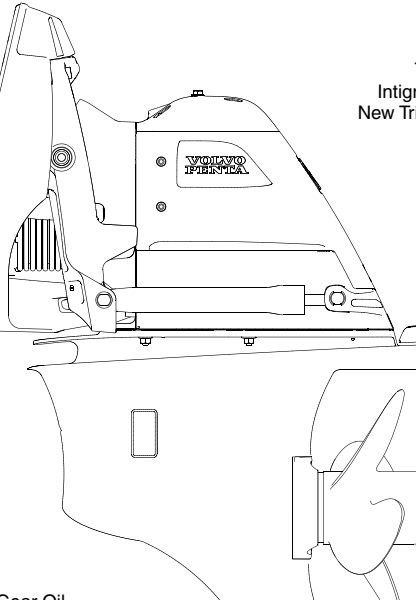
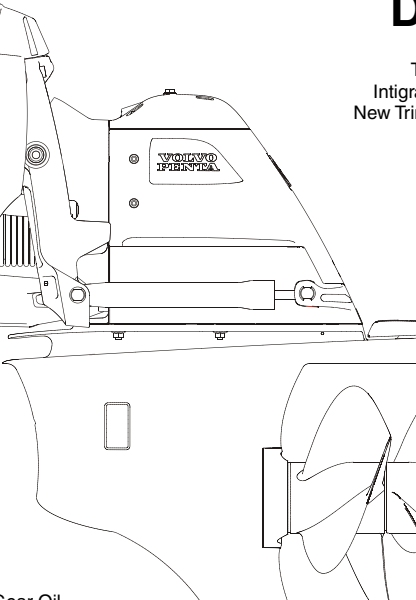


STERNDRIVE MODELS

Publ. No. 7738236-4 12-2006

 AQ 100 Cone clutch Zeppa joint Spline prop shaft Rubber hub prop Oil: Gear Oil API GL-5, SAE 90 Qty: 2.1 liters (2.11 US qts) Ratio: 1.66:1	 AQ 100 PZ Nr. 20422 - 45360 Cone clutch Zeppa joint Spline prop shaft Rubber hub prop Oil: Gear Oil API GL-5, SAE 90 Qty: 2.5 liter (2.64 US qts) Ratio: 1.66:1	 AQ 100B PZ Nr. 50000 - Cone clutch Universal joint Zeppa joint Shear pin prop Oil: Same as engine Qty: 3.1 Liters (3.27 US qts) Ratio: 1.66:1	 AQ 170R High speed lower unit Quick change lower gears Oil: Same as engine Qty: 19.0 liters (20.1 US qts) Ratio: 1.26:1 1.41:1 1.91	 AQ 750 Oil: Same as engine Qty: 2.0 liters (2.1 US qts) Ratio: 1.61:1	 AQ 200 Electro mechanical tilt PZ Nr. 20001-225738 Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: B = 1.59:1 C = 1.85:1 D = 2.15:1	 AQ 250 Electro mechanical tilt PZ Nr. 250001-2519326 Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: A = 1.35:1 B = 1.61:1 C = 1.89:1 D = 2.15:1	 AQ 270 Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: B = 1.61:1 C = 1.89:1 D = 2.15:1	 AQ 270E Power trim/tilt Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: 1.61:1 1.89:1 2.15:1	 AQ 270E High speed lower unit Quick change lower gears Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: 1.61:1 1.89:1 2.15:1																																																																																											
 AQ 270 TE Power trim/tilt High speed lower unit Quick change lower gears Oil: Same as engine Ratio: 1.18:1 1.26:1 1.41:1 1.45:1	 AQ 275 AQ 275A PZ Nr. 2700000X 280 upper gear head Electro mechanical tilt Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: 2.15:1	 AQ 280 PZ Nr. 2800000X Lower unit housing Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1 2.15:1	 AQ 280T Power trim/tilt Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1	 AQ 280 PT Power trim Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1	 AQ 280E High speed lower unit Quick change lower gears Oil: Same as engine Qty: 2.2 liters (2.32 US qts) Ratio: 1.45:1	 AQ 285 AQ 285A Electro mechanical tilt Power steering Upper gear head A = 280 Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1	 AQ 280-DP Introduction of DuoProp® Oil: Gear Oil API GL-5, SAE 90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 AQ 280-DP/PT Dual hydraulic cylinders Oil: Gear Oil API GL-5, SAE 90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 AQ 290 AQ 290A New transom shield Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1 2.30:1																																																																																											
 AQ 290-DP AQ 290A-DP Transom shield Double bearing box Hook up fork Oil: Gear Oil API GL-5, SAE 90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.61:1 1.89:1 2.30:1	 SP-A Top cover Shift cover Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1 2.15:1	 SP-A1 Top cover Intermediate shaft and nut Intermediate housing Ball bearing Universal joint Spline sleeve Prop shaft with nut Line cutter Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1 2.15:1	 SP-A2 Sliding sleeve, steel Gear set Cover Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1 2.15:1	 SP-C Sliding sleeve, steel Sliding sleeve (brass) Intermediate housing Hydraulic cylinder Gear set Cover Oil: Same as engine Qty: 2.6 liters (2.74 US qts) Ratio: 1.61:1 1.89:1 2.15:1	 SP-E Upper gear (DP-E) New color Oil: Gear Oil API GL-5, SAE 90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 DP-A Top cover Shift cover Oil: Gear Oil API GL-5, SAE 90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 DP-A1 Sliding sleeve, brass Cover Ball bearing Universal joint Spline sleeve Intermediate shaft Intermediate housing Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1	 DP-A2 Sliding sleeve, steel Cover Gear set Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1	 DP-B Sliding sleeve, steel Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1																																																																																											
 DP-B1 Cover Ball bearing Universal joint Intermediate housing Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1	 DP-C Sliding sleeve, steel Cover Intermediate housing Hydraulic cylinder Transom shield Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1	 DP-C1 Propeller shaft Propeller cone Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1	 DP-D Exhaust outlet Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.78:1 1.95:1 2.30:1	 DP-D1 Propeller shaft Propeller cone Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.32:1	 DP-E New color Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.7 liters (2.85 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.32:1	 DP-G Upper gear (DP-E/DPX-A) Cover upper gear Lower gear Exhaust outlet Oil: Synthetic Gear Oil API GL-5 SAE 75W-140 Qty: 3.1 liters (3.27 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 DPX-S DPX-S1 Sliding sleeve, brass X-act™ steering Gear set Thru-hub exhaust Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.0 liters (2.06 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 DPX-R X-act™ steering Vertical shaft Shot peened lower housing gears Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.0 liters (2.06 US qts) Ratio: 1.59:1 1.95:1 2.30:1	 DPX-A DP-G Upper Gear Train DPX-R Lower Unit X-act™ steering Thru-hub exhaust Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.6 liters (2.75 US qts) Ratio: 1.47:1 1.68:1 1.59:1 1.95:1 1.95:1 1.78:1																																																																																											
 SX-S VPMP Drive New Transom Shield Thru Hub exhaust Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1	 SX-C Lower Unit, shortened Vertical shaft, shortened Upper Unit Spray Rails Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1	 SX-C1 Trim Sender (three wire) Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.43:1 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1	 SX-C2 Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.43:1 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1	 SX-RT1 Diesel Applications Coated exhaust passage Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.66:1 1.78:1 1.95:1 2.18:1	 SX-RT2 Diesel Applications Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.66:1 1.78:1 1.95:1 2.18:1	 SX-M Water tube Trim/Tilt pump Trim/Tilt cylinders Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.79:1 1.66:1 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1 2.18:1	 SX-MTD Diesel Applications Coated exhaust passage Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.1 liters (2.22 US qts) Ratio: 1.79:1 1.66:1 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1 2.18:1	 DP-S VPMP Duo-Prop® Thru-hub exhaust Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.4 liters (2.53 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.30:1	 DP-S1 Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.4 liters (2.53 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.30:1 2.32:1																																																																																											
 DP-SM Trim/Tilt Pump Trim/Tilt cylinders Water tube Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.4 liters (2.53 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.32:1	 DP-SMTD Diesel applications Coated exhaust passage Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.4 liters (2.53 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.32:1	 DP-SMTD1 Diesel applications Coated exhaust passage Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.4 liters (2.53 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.32:1	 XDP-B Composite outer shell Remote oil reservoir Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.15 liters (2.27 US qts) Ratio: 1.95:1	 DPH-A High feature drive Diesel applications Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 5.4 liters (5.7 US qts) Ratio: 1.69:1 1.76:1 1.85:1 2.08:1	 DPR-A High performance drive Diesel applications Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 4.2 liters (4.4 US qts) Ratio: 1.46:1	 SX-A Redesigned Transom Shield Integrated trim pump New Trim/Tilt cylinders Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.44 liters (2.58 US qts) Ratio: 1.43:1 1.51:1 1.60:1 1.66:1 1.85:1 1.97:1 2.18:1	 DPS-A Redesigned Transom Shield Integrated trim pump New Trim/Tilt cylinders Oil: Synthetic Gear Oil API GL-5 SAE 75W-90 Qty: 2.25 liters (2.38 US qts) Ratio: 1.68:1 1.78:1 1.95:1 2.30:1 2.32:1	Oil and grease specifications <table><thead><tr><th>Type of oil/grease</th><th>Grade</th><th>Viscosity</th><th>Quantity</th><th>Part no.</th><th>Quantity US</th><th>Part no. US</th></tr></thead><tbody><tr><td>Gear oil</td><td>API GL-5</td><td>SAE 90</td><td>1 liter</td><td>1141637-7</td><td>1 US qt</td><td>3855834-2</td></tr><tr><td>Gear oil</td><td>API GL-5</td><td>SAE 90</td><td>5 liter</td><td>1141638-5</td><td>1 US gal</td><td>3855836-7</td></tr><tr><td>Gear oil</td><td>API GL-5</td><td>SAE 90</td><td>20 liter</td><td>1141639-3</td><td>Not available</td><td>Not available</td></tr><tr><td>Synthetic Gear Oil</td><td>API GL-5</td><td>SAE 75W-90</td><td>1 liter</td><td>1141634-4</td><td>1 US qt</td><td>3851128-3</td></tr><tr><td>Synthetic Gear Oil</td><td>API GL-5</td><td>SAE 75W-90</td><td>5 liter</td><td>1141635-1</td><td>1 US gal</td><td>3851129-1</td></tr><tr><td>Synthetic Gear Oil</td><td>API GL-5</td><td>SAE 75W-90</td><td>20 liter</td><td>1141636-9</td><td>5 US gal</td><td>3851133-3</td></tr><tr><td>Synthetic Gear Oil</td><td>API GL-5</td><td>SAE 75W-140</td><td>1 liter</td><td>1141666-6</td><td>0.26 US gal</td><td>1141666-6</td></tr><tr><td>Synthetic Gear Oil</td><td>API GL-5</td><td>SAE 75W-140</td><td>5 liter</td><td>1141667-4</td><td>1.30 US gal</td><td>1141667-4</td></tr><tr><td>Synthetic Gear Oil</td><td>API GL-5</td><td>SAE 75W-140</td><td>20 liter</td><td>1141668-2</td><td>5.30 US gal</td><td>1141668-2</td></tr><tr><td>Bearing grease, Water Jet</td><td>NLGI 2</td><td>5</td><td>400 g</td><td>1161251-2</td><td>14.1 oz</td><td>1161251-2</td></tr><tr><td>Grease</td><td>NLGI 2</td><td>27 g</td><td>27 g</td><td>828250-1</td><td>0.95 oz</td><td>828250-1</td></tr><tr><td>Propeller shaft grease</td><td>NLGI 4</td><td>500 g</td><td>500 g</td><td>1141644-3</td><td>17.6 oz</td><td>828250-1</td></tr></tbody></table> 1) NOTE! If the drive was manufactured before 1986, for a 30- or 40- engine and has previously been operated with engine oil in the drive, engine oil should be used in future.		Type of oil/grease	Grade	Viscosity	Quantity	Part no.	Quantity US	Part no. US	Gear oil	API GL-5	SAE 90	1 liter	1141637-7	1 US qt	3855834-2	Gear oil	API GL-5	SAE 90	5 liter	1141638-5	1 US gal	3855836-7	Gear oil	API GL-5	SAE 90	20 liter	1141639-3	Not available	Not available	Synthetic Gear Oil	API GL-5	SAE 75W-90	1 liter	1141634-4	1 US qt	3851128-3	Synthetic Gear Oil	API GL-5	SAE 75W-90	5 liter	1141635-1	1 US gal	3851129-1	Synthetic Gear Oil	API GL-5	SAE 75W-90	20 liter	1141636-9	5 US gal	3851133-3	Synthetic Gear Oil	API GL-5	SAE 75W-140	1 liter	1141666-6	0.26 US gal	1141666-6	Synthetic Gear Oil	API GL-5	SAE 75W-140	5 liter	1141667-4	1.30 US gal	1141667-4	Synthetic Gear Oil	API GL-5	SAE 75W-140	20 liter	1141668-2	5.30 US gal	1141668-2	Bearing grease, Water Jet	NLGI 2	5	400 g	1161251-2	14.1 oz	1161251-2	Grease	NLGI 2	27 g	27 g	828250-1	0.95 oz	828250-1	Propeller shaft grease	NLGI 4	500 g	500 g	1141644-3	17.6 oz	828250-1
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