NEW MerCruiser Tool Overlay 91-877528002 Tool Layout

	Board 9			
91	14311A04	Bearing Preload Tool	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & MC I,R,MR,Alpha,Gen II
91	18605A 2	Bearing Adapter Installation Tool	Gear Housing	135-250 & MC I,R,MR,Alpha,Gen II
91	31106T	Bearing Driver Cup	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & Alpha
91	31107T	Shift Shaft Bushing Tool	Gear Housing	MC I,R,MR,Alpha: V-6 O/B
91	31108T	Oil Seal Driver	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & MC I,R,MR,Alpha,Gen II
91	34379T	Bearing Cup Driver	Gear Housing	MC I,R,MR,Alpha: V-6 O/B
12	37429	Load Washer	Gear Housing	2.5/3.5; 135-250 & Alpha
12	54048	Belleville Washer	Gear Housing	200-250 & Alpha
91	56048001	Pinion Gear Shimming Tool	Gear Housing	MC I,R,MR,Alpha,Gen II: V-6 O/B
	75104A 7	Shift Shaft Tool (Bent OB Shaft)	Gear Housing	MC I,R,MR,Alpha; V-6 O/B
44	93003	Propeller Shaft	Gear Housing	135-250 & Alpha
	<u> Board 10</u>			
91	31229A 7	Bearing Remover/Installer Tool	Gear Housing	20-250 (2/4-S) & MC I,R,MR,Alpha,Gen II
91	33491	Needle Bearing Driver	Gear Housing	200-250 & MC I,R,MR,Alpha,Gen
91	34569A 1	Slide Hammer Puller	Gear Housing	2.5-250 (2/4-S) & MC I,R,MR,Alpha,Gen II,Bravo
91	36577T	Driver Cup	Gear Housing	200-250 & MC I,R,MR,Alpha,Gen II
91	43506T	Drive Shaft Bearing Retainer Tool	Gear Housing	40-60; 135-250 & & MC I,R,MR,Alpha,Gen II
91	53459	Backlash Indicator Rod	Gear Housing	200-250 & MC I,R,MR,Alpha,Gen II,Bravo I/II
91	56775T	Drive Shaft Adaptor	Gear Housing	75-125; 200-250 & MC I,R,MR,Alpha,Gen II,Bravo

	Board 11			
91	37241	Universal Puller Plate	Gear Housing	2.5-250 (2/4-S) & MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk,TR/TRS
91	44110T	Oil Seal Driver	Gear Housing	MC I,R,MR,Alpha,Gen II; v-6 O/B
91	46086A 1	Puller Jaw Assembly	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & MC I,R,MR,Alpha,Gen II
91	58222A 1	Dial Indicator	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	61067A04	Pinion Nut Adaptor	Gear Housing	200-250 & MC I,R,MR,Alpha
91	61069T	Bearing Carrier Retainer Wrench	Gear Housing	135-250 & MC I,R,MR,Alpha,Gen II,Bravo I/II
91	61077T	Drive Shaft Adaptor Tool	Gear Housing	135-250 & MC I,R,MR,Alpha,Gen II,Bravo I/II
91	78473	Backlash Indicator Rod	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & Alpha
91	83155	Dial Indicator Holding Tool	Gear Housing	30-50 BF (4-S); 40-250 (2/4-S) & Alpha Gen II, Bravo I/II
91	85716	Puller Bolt	Gear Housing	135-250 & Alpha
91	86943T	Fwd.Gear Bearing Installer	Gear Housing	135-250 & Alpha
91	89897	Dial Indicator Holding Tool	Gear Housing	135-200 & MC I,R,MR,Alpha
91	807944T	Reverse Gear Bearing Tool	Gear Housing	Alpha Gen II; V-6 O/B
91	815850	Forward Gear Installation Tool	Gear Housing	135-250 & MC I,R,MR,Alpha,Gen II
91	816242	Puller Jaws	Gear Housing	135-250 & MC I,R,MR,Alpha,Gen II,Bravo I/II/III,Blkhwk
91	816243	Guide Plate	Gear Housing	200-250 & MC I,R,MR,Alpha,Gen II
91	816244	Bearing Driver	Gear Housing	200-250 & MC I,R,MR,Alpha,Gen II
91	816245	Bearing Removal Tool	Gear Housing	200-250 & MC I,R,MR,Alpha,Gen II
91	817569T	Oil Seal Driver	Gear Housing	200-250 & Alpha Gen II
91	821571A 1	Water Pump Alignment Pins	Gear Housing	200-250 & Alpha Gen II
	D 140			
04	Board 12	Alimona and Taral (O/D)		
	11230 1	Alignment Tool (O/B)		
22	11243	Power Trim Adapter (O/B)	Trim-Tilt	75-140; V-6
91	18078	Fuel Pressure Connector (MCM)	Engine	
91		Power Steering Test Gauge (MCM)	Steering	
91		Trim Rod Remover (O/B)	Trim-Tilt	135-250
91		End Cap Remover (O/B)	Trim-Tilt	135-250
91		Power Trim Test Gauge Kit	Trim-Tilt	
91		Power Steering Test Gauge Adaptor Kit (MCM)	Steering	
	811907	Large Pin Set comes w/ 91-821709 Spanner	Tilt-Trim System	
	811908	Medium Pin Set comes w/ 91-821709 Spanner	Tilt-Trim System	
	811909	Small Pin Set comes w/ 91-821709 Spanner	Tilt-Trim System	
	821709T	Spanner Tool	Trim-Tilt	
		P/T Pressure Tool	Trim-Tilt	Verado
		P/T Up Press. Tool for 91-52915A 6	Tilt-Trim System	
		P/T Up Press. Tool for 91-52915A 6	Trim-Tilt	
91	822778A 3	P/T Down Press. Tool for 91-52915A 6	Trim-Tilt	

Board 13			
805352T	Bearing Driver	Gear Housing	Bravo III & Blackhawk
805356	Bearing Driver	Gear Housing	Bravo III & Blackhawk
805358T	Oil Seal Driver	Gear Housing	Bravo III & Blackhawk
805372	Oil Seal Driver	Gear Housing	Bravo III & Blackhawk
805374	Bearing Carrier Installation Tool	Gear Housing	Bravo III & BlackHawk
805374 1	Bearing Carrier Tool	Gear Housing	Bravo III
805381	Drive Shaft Retaining Tool	Gear Housing	Bravo III
805382T	Outer Propeller Bearing Retainer Tool	Gear Housing	Bravo III
805457T 1	Propeller Nut Installation Tool	Gear Housing	Bravo III & BlackHawk
805462T	Shimming Tool	Gear Housing	Bravo III & BlackHawk
805481	Backlash Indicator Rod (Inner)	Gear Housing	Bravo III & BlackHawk
805482	Backlash Indicator Rod (Outer)	Gear Housing	Bravo III & BlackHawk
806192	Spline Backlash Tool	Gear Housing	Bravo III & BlackHawk
862064A 1	Needle Bearing/Seal Remover	Gear Housing	Bravo III (2000)
Board 14			
17257	Bearing Carrier Tool	Gear Housing	Bravo II
42840T	Drive Shaft Pinion Shimming Tool	Gear Housing	Bravo I
55916	Oil Seal Driver	Gear Housing	Bravo I/II
63626	Bearing Cup Driver	Gear Housing	Bravo II & TR/TRS
67443T	Bearing Cup Driver	Gear Housing	Bravo
89865	Cup & Seal Driver Tool	Gear Housing	Bravo I/II
	805352T 805356 805358T 805372 805374 805374 1 805381 805382T 805457T 1 805462T 805481 805482 806192 862064A 1 Board 14 17257 42840T 55916 63626 67443T	805352T Bearing Driver 805356 Bearing Driver 805358T Oil Seal Driver 805372 Oil Seal Driver 805374 Bearing Carrier Installation Tool 805374 1 Bearing Carrier Tool 805381 Drive Shaft Retaining Tool 805382T Outer Propeller Bearing Retainer Tool 805457T 1 Propeller Nut Installation Tool 805462T Shimming Tool 805481 Backlash Indicator Rod (Inner) 805482 Backlash Indicator Rod (Outer) 806192 Spline Backlash Tool 862064A 1 Needle Bearing/Seal Remover Board 14 17257 Bearing Carrier Tool 42840T Drive Shaft Pinion Shimming Tool 55916 Oil Seal Driver 63626 Bearing Cup Driver	805352TBearing DriverGear Housing805356Bearing DriverGear Housing805358TOil Seal DriverGear Housing805372Oil Seal DriverGear Housing805374Bearing Carrier Installation ToolGear Housing805374 1Bearing Carrier ToolGear Housing805381Drive Shaft Retaining ToolGear Housing805382TOuter Propeller Bearing Retainer ToolGear Housing805457T 1Propeller Nut Installation ToolGear Housing805462TShimming ToolGear Housing805481Backlash Indicator Rod (Inner)Gear Housing805482Backlash Indicator Rod (Outer)Gear Housing806192Spline Backlash ToolGear Housing862064A 1Needle Bearing/Seal RemoverGear HousingBoard 1417257Bearing Carrier ToolGear Housing42840TDrive Shaft Pinion Shimming ToolGear Housing55916Oil Seal DriverGear Housing63626Bearing Cup DriverGear Housing67443TBearing Cup DriverGear Housing

Gear Housing

Gear Housing

Gear Housing

Gear Housing

Bravo

Bravo

Bravo

Bravo II

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91 89867T

91 813653T

Bearing Driver Tool

91 90338A 1 Bearing Carrier Puller 91 96512 Gearcase Pinion Shimming Tool

Seal Driver Tool

91	43559T	Drive Shaft Adaptor	Gear Housing	Bravo
91	55918	Bearing Driver	Gear Housing	Bravo I/II
91	63638 1	Bearing Driver	Gear Housing	Bravo
91	840393A 1	HD Propeller Shaft Tool Kit	Gear Housing	Bravo XZ/XR

<u> Board 16</u>			
12427	Shift Cable Adjustment Tool	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II,Bravo ,Blkhwk,TR/TRS
17262A 1	Shift Cable Anchor Adjustment Tool	Drive Shaft Housing	Bravo
17273	Bushing Removal Tool	Drive Shaft Housing	Bravo
17275A 1	Bearing/Seal Driver Assembly	Drive Shaft Housing	Bravo
17301T 1	Clutch Assembly Stand	Drive Shaft Housing	Bravo & BlackHawk
33493T	Bearing Driver Cup	Drive Shaft Housing	MC I,R,MR,Alpha,TRS
38756	U-Joint Press Adaptor	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
38918T	Bearing Driver Cup	Drive Shaft Housing	MC I,R,MR,Alpha
43591T	Oil Seal Driver	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II
60523	Shimming Tool (Drive Gear)	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II
60526T	Shimming Tool (Driven Gear)	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II
808053T	Bearing Driver Cup	Drive Shaft Housing	Alpha Gen II
817570T	Oil Seal Driver (Upper Drive Shaft)	Drive Shaft Housing	Alpha Gen II
	17262A 1 17273 17275A 1 17301T 1 33493T 38756 38918T 43591T 60523 60526T 808053T	12427 Shift Cable Adjustment Tool 17262A 1 Shift Cable Anchor Adjustment Tool 17273 Bushing Removal Tool 17275A 1 Bearing/Seal Driver Assembly 17301T 1 Clutch Assembly Stand 33493T Bearing Driver Cup 38756 U-Joint Press Adaptor 38918T Bearing Driver Cup 43591T Oil Seal Driver 60523 Shimming Tool (Drive Gear) 60526T Shimming Tool (Driven Gear) 808053T Bearing Driver Cup	12427Shift Cable Adjustment ToolDrive Shaft Housing17262A 1Shift Cable Anchor Adjustment ToolDrive Shaft Housing17273Bushing Removal ToolDrive Shaft Housing17275A 1Bearing/Seal Driver AssemblyDrive Shaft Housing17301T 1Clutch Assembly StandDrive Shaft Housing33493TBearing Driver CupDrive Shaft Housing38756U-Joint Press AdaptorDrive Shaft Housing38918TBearing Driver CupDrive Shaft Housing43591TOil Seal DriverDrive Shaft Housing60523Shimming Tool (Drive Gear)Drive Shaft Housing60526TShimming Tool (Driven Gear)Drive Shaft Housing808053TBearing Driver CupDrive Shaft Housing

Drive Shaft Housing Alpha Gen II

Drive Shaft Housing Alpha Gen II

Drive Shaft Housing Bravo XR/XZ

Board 17

Shimming Tool (Driven Gear)

Oil Seal Driver

Oil Seal Installer

91 854377

91 864497

91 865050

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91	17256	U-Joint Bearing Retainer Wrench	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II,Bravo I/II/III,Blkhwk
91	17302	Shift Handle Tool	Drive Shaft Housing	Bravo I/II
91	90244A 1	Driver/Puller Assembly	Drive Shaft Housing	Bravo
91	805475A 1	Engine Alignment Tool	Drive Shaft Housing	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	862530	Needle Bearing/Race Driver	Drive Shaft Housing	Bravo
91	864220	Needle Bearing/Race Driver	Drive Shaft Housing	Bravo

Board 18	
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91	17302	Gear Lash Clamp & Handle	Drive Shaft Housing	Bravo + (2000)
91	865085	Gear Lash Clamp & Handle	Drive Shaft Housing	Bravo + (2000)
91	862219A 1	U-Joint Bearing Retainer Wrench	Drive Shaft Housing	Bravo (2000)
91	862531	Bearing Chimney Adaptor	Drive Shaft Housing	Bravo (2000)
91	863412T	Oil Seal Driver	Drive Shaft Housing	Bravo (2000)
91	865080	Backlash Indicator	Drive Shaft Housing	Bravo + (2000)
91	865081	Backlash Indicator	Drive Shaft Housing	Bravo + (2000)
91	865082	Backlash Indicator	Drive Shaft Housing	Bravo + (2000)
91	865083	Backlash Shaft	Drive Shaft Housing	Bravo + (2000)
91	865084	Backlash Shaft (Bravo X Models)	Drive Shaft Housing	Bravo + (2000)
91	865086	Dial Indicator Holding Rod	Drive Shaft Housing	Bravo + (2000)
91	865097	Dial Indicator Holding Block	Drive Shaft Housing	Bravo + (2000)
91	865114	Shimming Tool (Drive Gear)	Drive Shaft Housing	Bravo + (2000)
91	865115	Driven Gear Clamp	Drive Shaft Housing	Bravo + (2000)
91	865116	Backlash Indicator	Drive Shaft Housing	Bravo + (2000)

Board 19

91	12037	Shift Cable Removal Tool	Transom Assembly	MC I,R,MR,Alpha,Gen II
91	33489	Bearing Driver	Transom Assembly	MC I,R,MR,Alpha
91	33492T	Needle Bearing Driver	Transom Assembly	MC I,R,MR,Alpha
91	38919	Puller Head	Transom Assembly	MC I,R,MR,Alpha
91	43578A 1	Bushing/Bearing/Seal Driver	Transom Assembly	Bravo & BlackHawk
91	43579	Tapered Insert Tool	Transom Assembly	Bravo
91	45497A 1	Bellows Expander Tool	Transom Assembly	MC I,R,MR,Alpha,Bravo,Blkhwk
91	63616T	Hinge Pin Puller Head	Transom Assembly	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	78310	Hinge Pin Tool	Transom Assembly	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	95639	Pipe Tap	Transom Assembly	MC I,R,MR,Alpha; v-6 o/b
91	805057A 2	Bushing Installation Tool	Transom Assembly	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	806928A 1	Bushing Installation Tool	Transom Assembly	Alpha Gen II
91	818162	Sleeve Installation Tool	Transom Assembly	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	818169T	Sleeve Removal Tool	Transom Assembly	MC I,R,MR,Alpha,Gen II,Bravo,Blkhwk
91	862546	Sleeve Removal Tool	Transom Assembly	Bravo (2000)