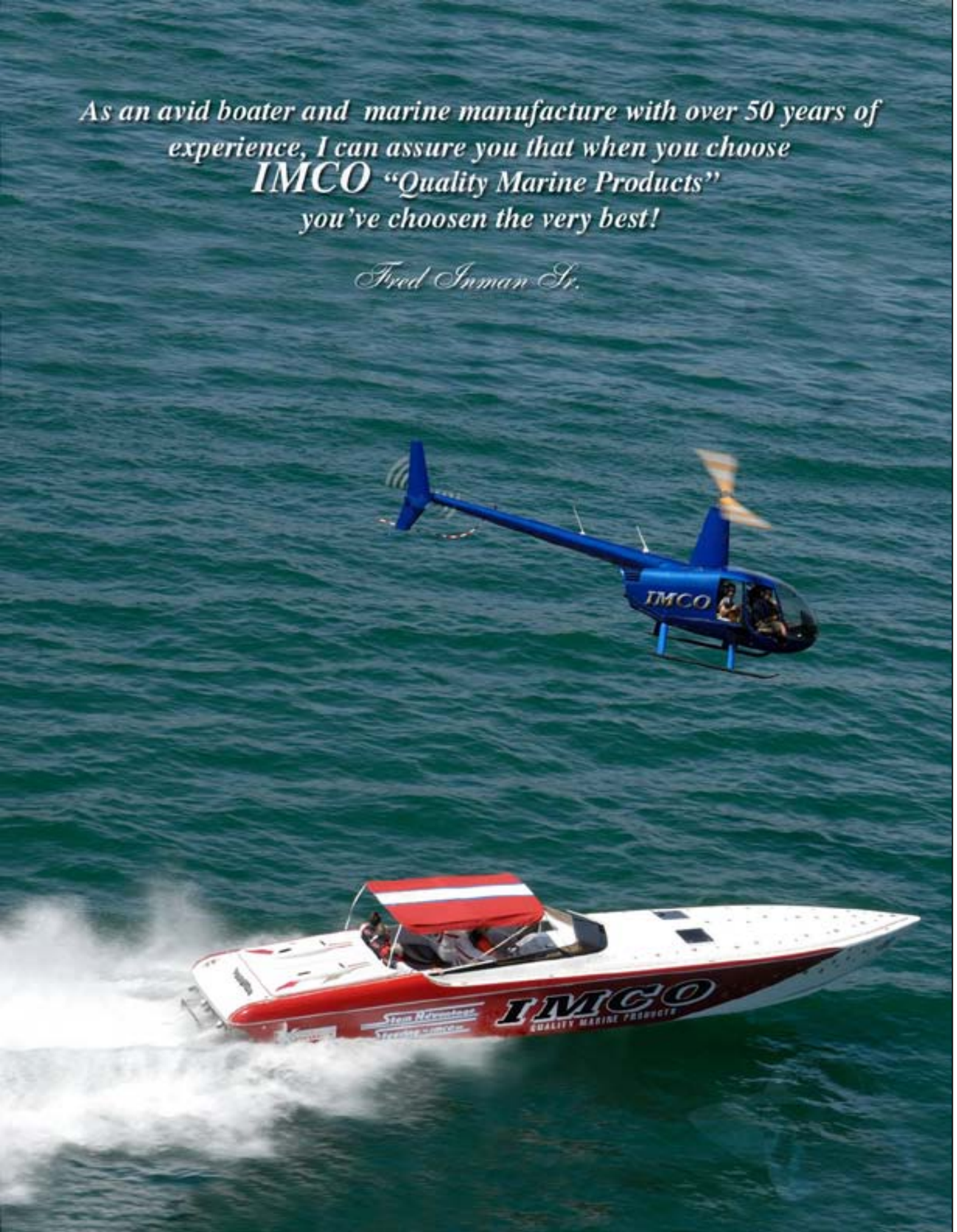


INDEX

Click on the index below to jump to that page

STEERING KITS	PAGE
1 ALPHA 1 RAM	4-5
1 ALPHA 2 RAMS	6-7
2 ALPHAS BETWEEN MOUNT	8
1 BRAVO 1 RAM	10-13
1 BRAVO 2 RAMS	14-17
2 BRAVOS BETWEEN MOUNT	18-25
2 BRAVOS OUTSIDE MOUNT	26-29
3 BRAVOS BETWEEN MOUNT	30-31
1-3 BRAVO EXTENSION BOXES	32-37
1 B-MAX 2 RAMS	38-39
2 B-MAX'S OUTSIDE MOUNT	40-41
2 B-MAX'S BETWEEN MOUNT	42
1 OUTBOARD	58-61
2 OUTBOARDS	62-65
3 OUTBOARDS	66-68
1 SPEED MASTER 3 OR 5, 2 RAMS	44-45
2 SPEED MASTER 3'S OR 5'S BETWEEN MOUNT	46-47
2 SPEED MASTER 3'S OR 5'S OUTSIDE MOUNT	48-49
1 TRS 1 RAM	50-51
1 TRS 2 RAMS	52-53
2 TRS' BETWEEN MOUNT	54-55
2 TRS' OUTSIDE MOUNT	56-57
WING PLATES	128-131

HELM CONTROL & HOSE KITS "ENGINE PUMP"	PAGE
1 SR-6-5-13 OR 1 SR-8-5-13 RAM 1 PUMP 1 HELM	70-71
2 SR-8-1-13 RAMS 1 PUMP 1 HELM	72-73
2 SR-6-1-12 RAMS OR 1 IMCO X GIMBAL 1 PUMP 1 HELM	74-75
2 SR-8-1-13 RAMS 2 PUMPS 1 HELM	76-77
4 SR-6-1-12 RAMS OR 2 IMCO X GIMBAL 2 PUMP 1 HELM	78-79
1 NXT 1 PUMP 1 HELM	82-83
2 NXT'S 2 PUMPS 1 HELM	86-87
1 SPEED MASTER 6A 1 PUMP 1 HELM	80-81
2 SPEED MASTER 6A'S 2 PUMPS 1 HELM	84-85
2 SPEED MASTER 6A'S 2 PUMPS 2 HELMS	88-89
1 ITS 1 PUMP 1 HELM	90-91
2 ITS' 2 PUMPS 1 HELM	92-93

HELM CONTROL & HOSE KIT "MANUAL HELM"	PAGE
1 OR 2 SR-8-5-13 RAMS 1 HELM	99

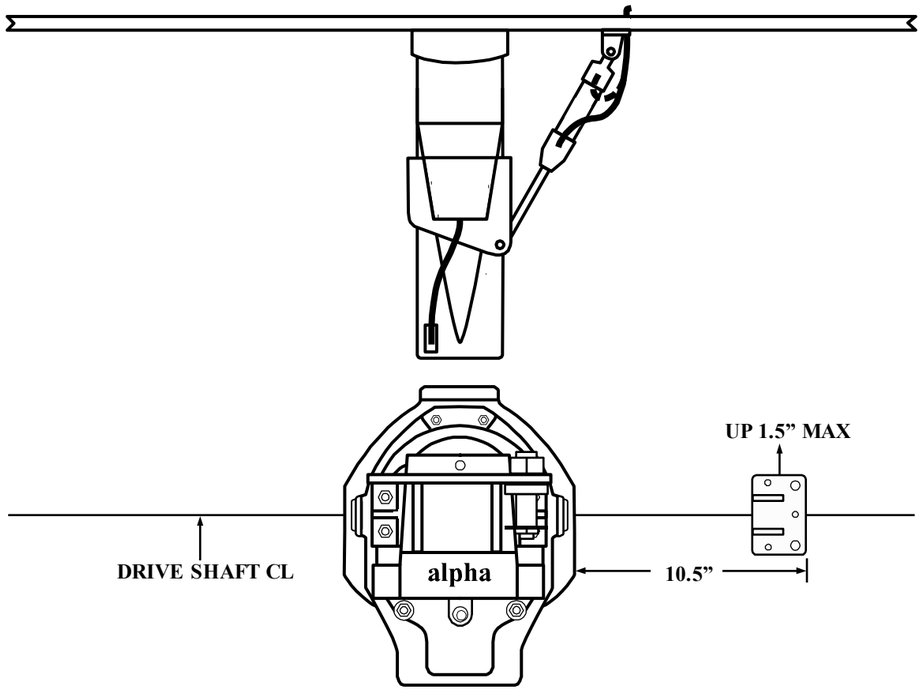
HELM CONTROL & HOSE KIT "ELECTRIC PUMP"	PAGE
1 SR-8-5-13 OR 2 SR-8-1-13 RAMS 1 HELM	137-138
HELM CONTROL & HOSE KIT ADD ON	139-140

HOSE KITS FOR STOCK CONTROL VALVES	PAGE
BRAZIL	94-95
SAGINAW	96-97

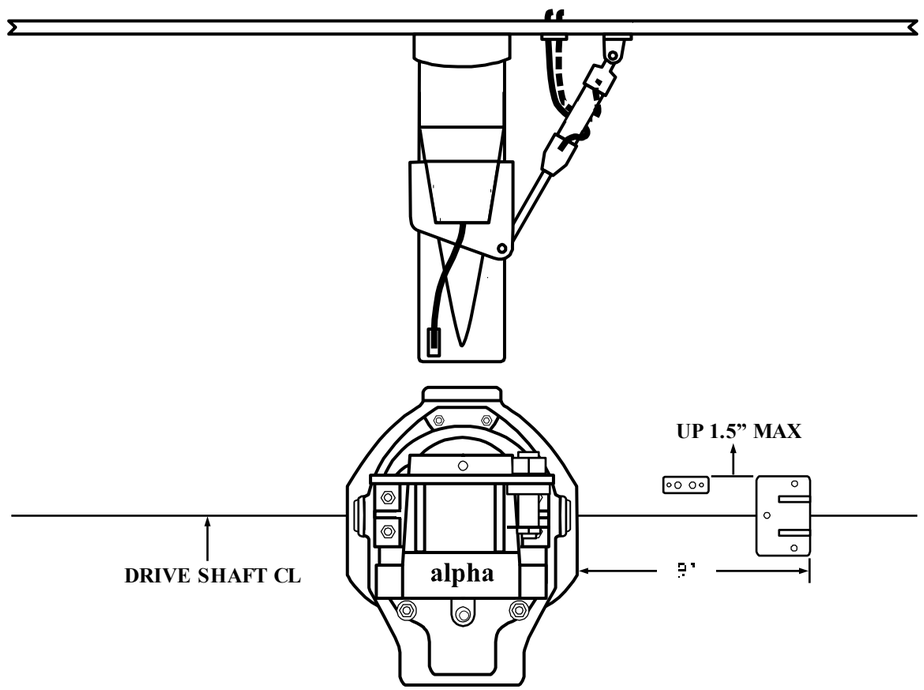
MISC. PARTS	PAGE
ADAPTERS	100-101
BRAZIL MANIFOLD, BULKHEAD TUBES	102
CLEVIS', CLEVIS BOLTS-BUSHINGS-NUTS-PINS-STUDS	141
DRIVE SHOWERS, DRIVE SPACERS	103
EXTENSION BOXES, SIDE MOUNT BRACKETS	104
EXTENSION BOX DRIVE SHAFTS, ALIGNMENT TOOL	105
HELM CONTROLS	106
HELM POSTS "FOR MANUAL HELM CONTROLS"	98
HELM POSTS "FOR PUMP ASSIST HELM CONTROLS"	108-109
HELM POSTS MISC.	107
ELECTRIC PUMP	140
HOSE, HOSE ASSEMBLIES	110
HOSE FITTINGS	111
OIL FILTERS & PUMP CAP	112
OIL TANK KITS	113
STEERING CAPS	114
STEERING CAP DRILL FIXTURE, DRILL BIT	115
STEERING RAMS, TRIM RAMS	118-119
STEERING RAMS MISC.	116-117
TIE BARS	120-124
TRANSOM BRACKETS	125
VALVE ASSEMBLIES	126

MISC. INFORMATION	PAGE
LOCK TO LOCK CHARTS	132-133
MOUNTING LOCATIONS	134
TERMS AND CONDITIONS	135

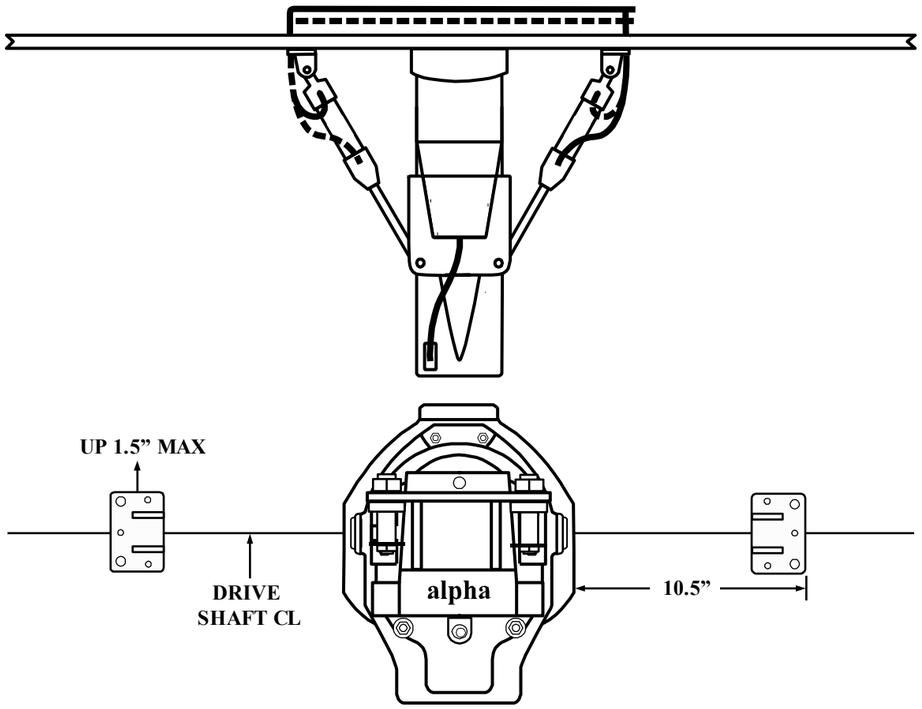
P/N	STEERING KIT	PRICE
SA-26	STER KIT 1 ALPHA, 1 RAM, 10.5" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	2
SR-8-5-13	STER RAM ASSEMBLY	1
TB-21	TRANSOM BRACKET KIT	1
WP-14-R	WING PLATE KIT	1



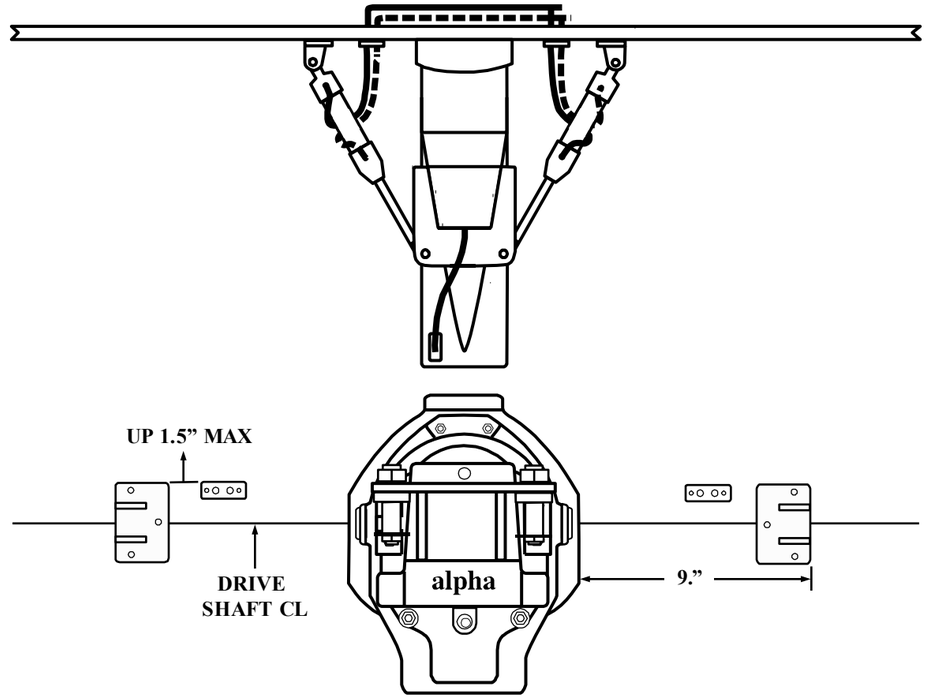
P/N	STEERING KIT	PRICE
SA-26-R	STER KIT 1 ALPHA, 1 RAM, 9." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-33	ADAPTER -6 JIC SWIVEL 45°	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	2
SR-8-5-13	STER RAM ASSEMBLY	1
TB-22	TRANSOM BRACKET KIT	1
WP-14-R	WING PLATE KIT	1



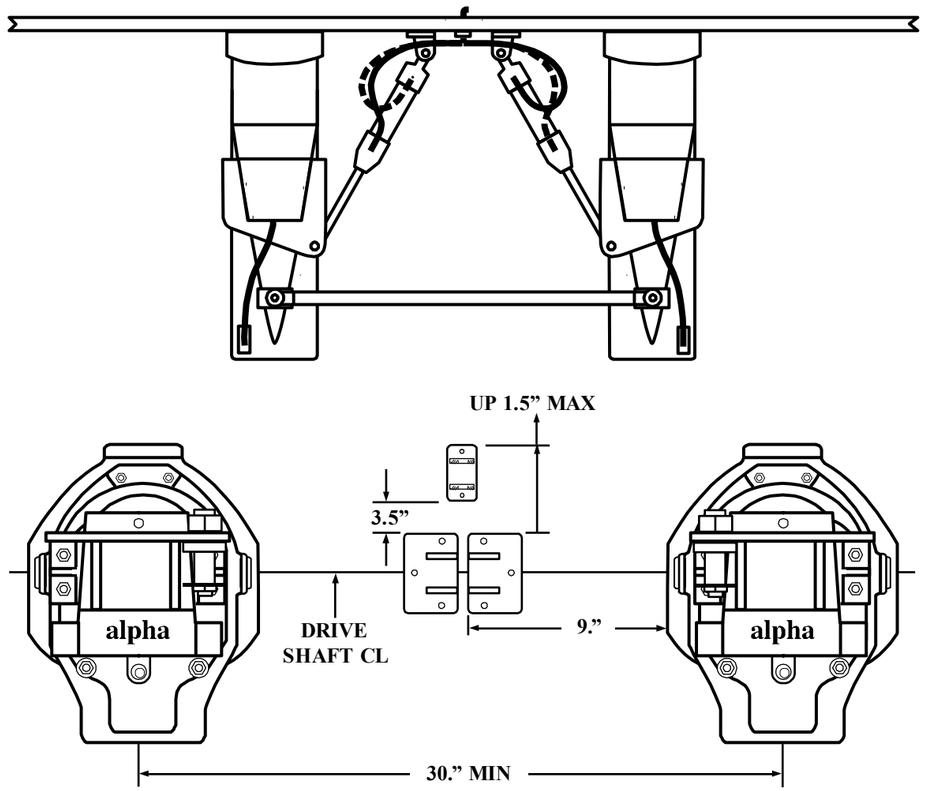
P/N	STEERING KIT	PRICE
SA-25	STER KIT 1 ALPHA, 2 RAMS, 10.5" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1
WP-17	WING PLATE KIT	1



P/N	STEERING KIT	PRICE
SA-25-R	STER KIT 1 ALPHA, 2 RAMS, 9." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-17	WING PLATE KIT	1

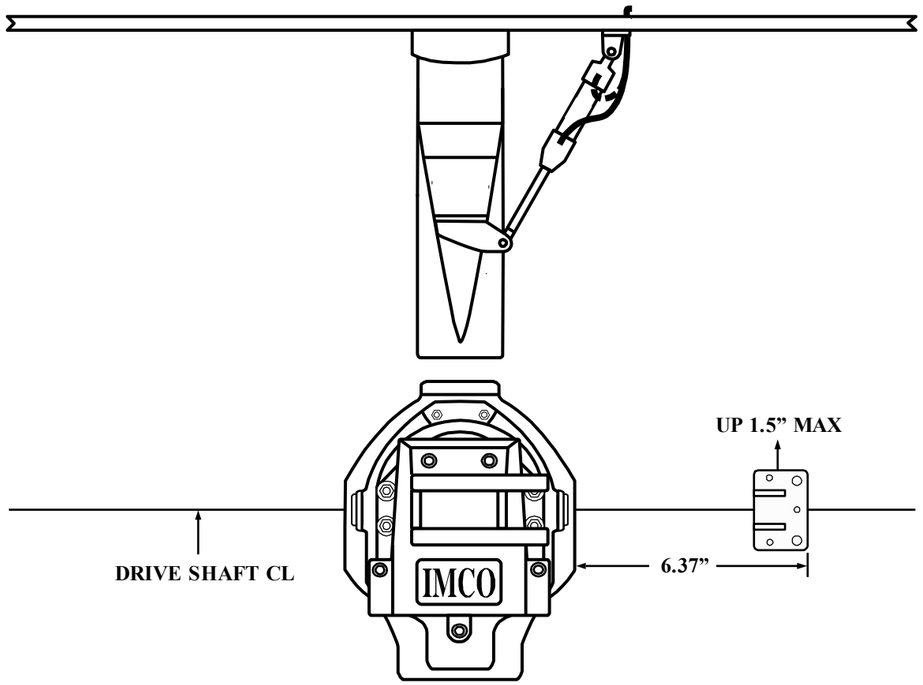


P/N	STEERING KIT	PRICE
SA-28-R	STER KIT 2 ALPHAS, 2 RAMS BET, STK TIE BAR, 9." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-14-R	WING PLATE KIT	1
WP-14-L	WING PLATE KIT	1



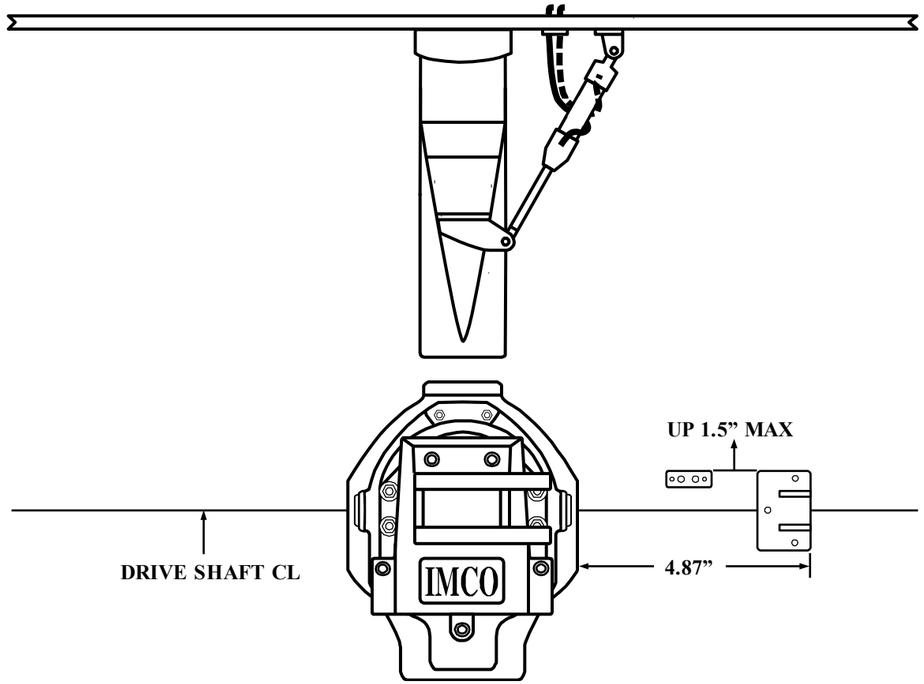
P/N	STEERING KIT	PRICE
SA-30	STER KIT 1 BRAVO,1 RAM, 6.37" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	2
SR-6-5-12	STER RAM ASSEMBLY	1
AEC-8	STER CAP KIT	1
TB-21	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



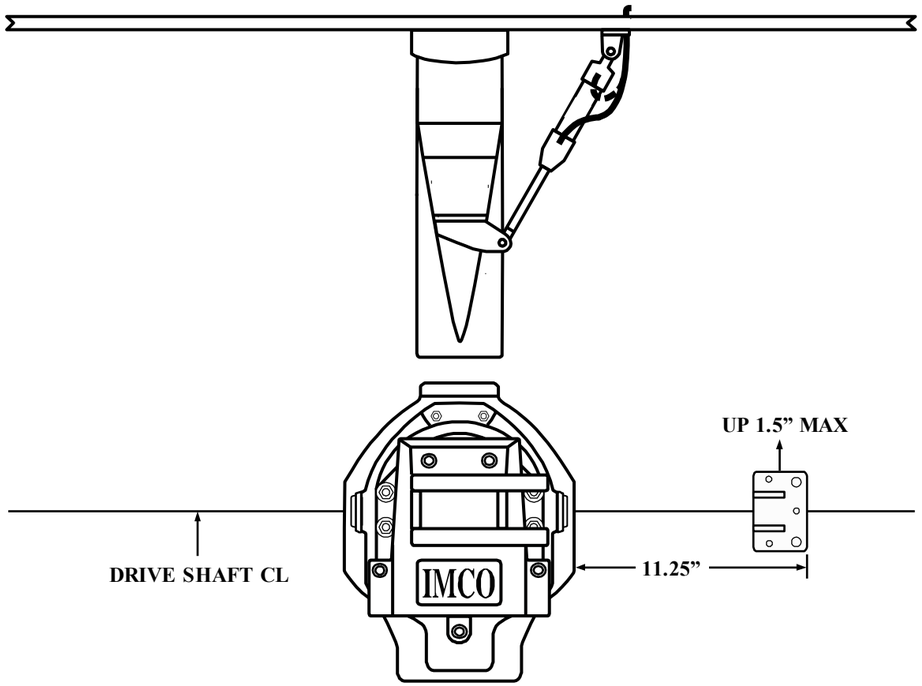
P/N	STEERING KIT	PRICE
SA-30-R	STER KIT 1 BRAVO, 1 RAM, 4.87" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	2
SR-6-5-12	STER RAM ASSEMBLY	1
AEC-8	STER CAP KIT	1
TB-22	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



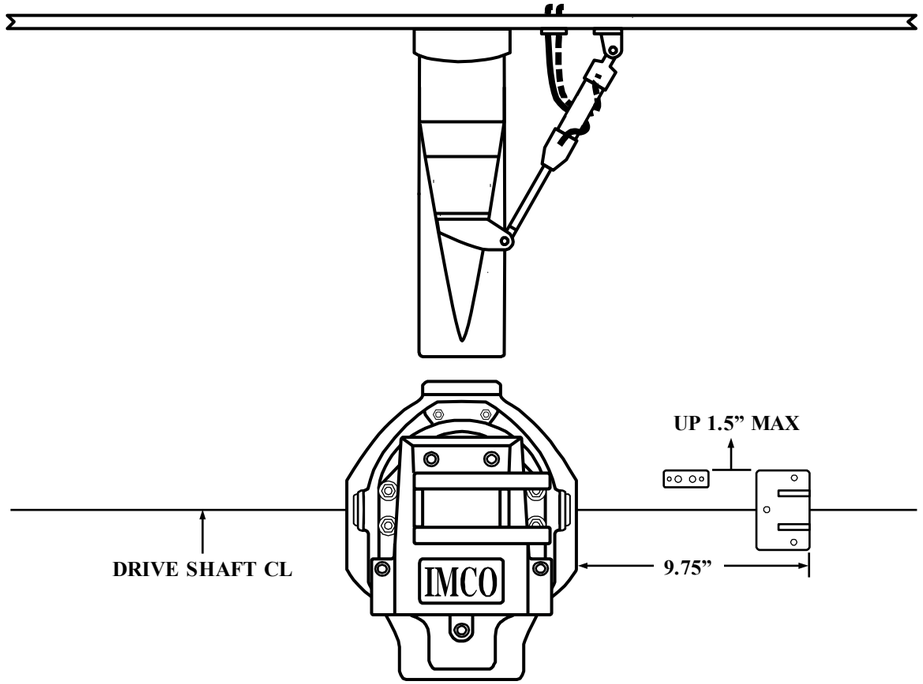
P/N	STEERING KIT	PRICE
SA-1	STER KIT 1 BRAVO, 1 RAM, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	2
SR-8-5-13	STER RAM ASSEMBLY	1
AEC-1	STER CAP KIT	1
TB-21	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



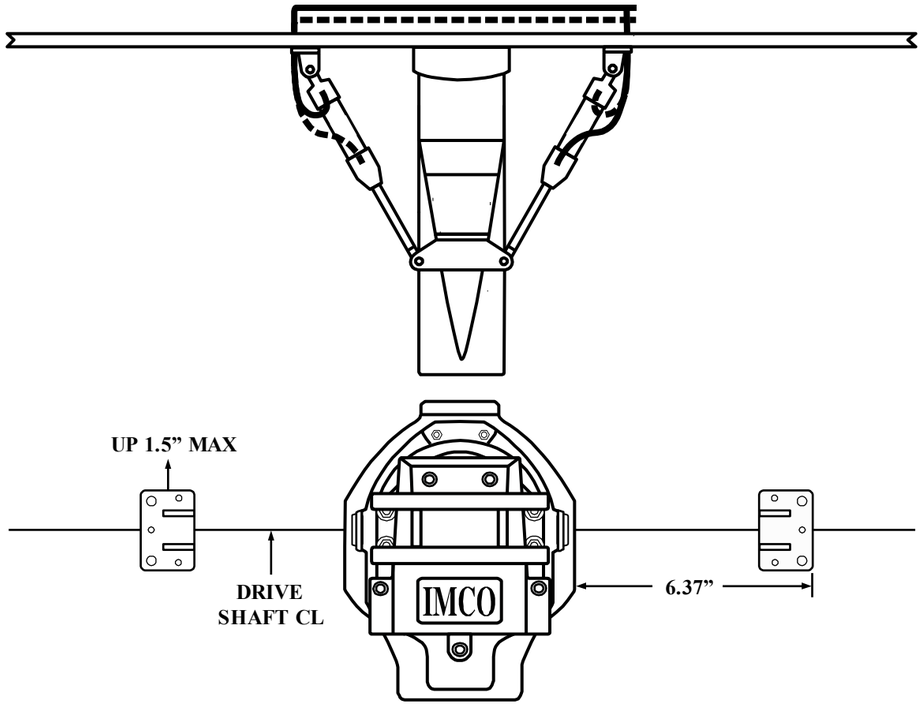
P/N	STEERING KIT	PRICE
SA-1-R	STER KIT 1 BRAVO, 1 RAM, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	2
SR-8-5-13	STER RAM ASSEMBLY	1
AEC-1	STER CAP KIT	1
TB-22	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



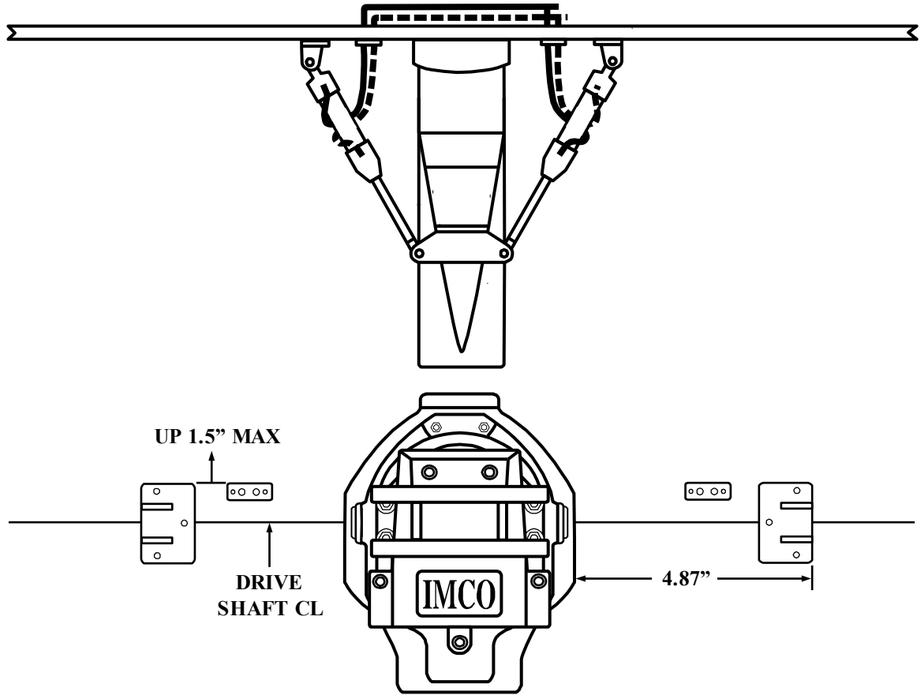
P/N	STEERING KIT	PRICE
SA-20	STER KIT 1 BRAVO, 2 RAMS, 6.37" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-6-1-12	STER RAM ASSEMBLY	2
AEC-7	STER CAP KIT	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



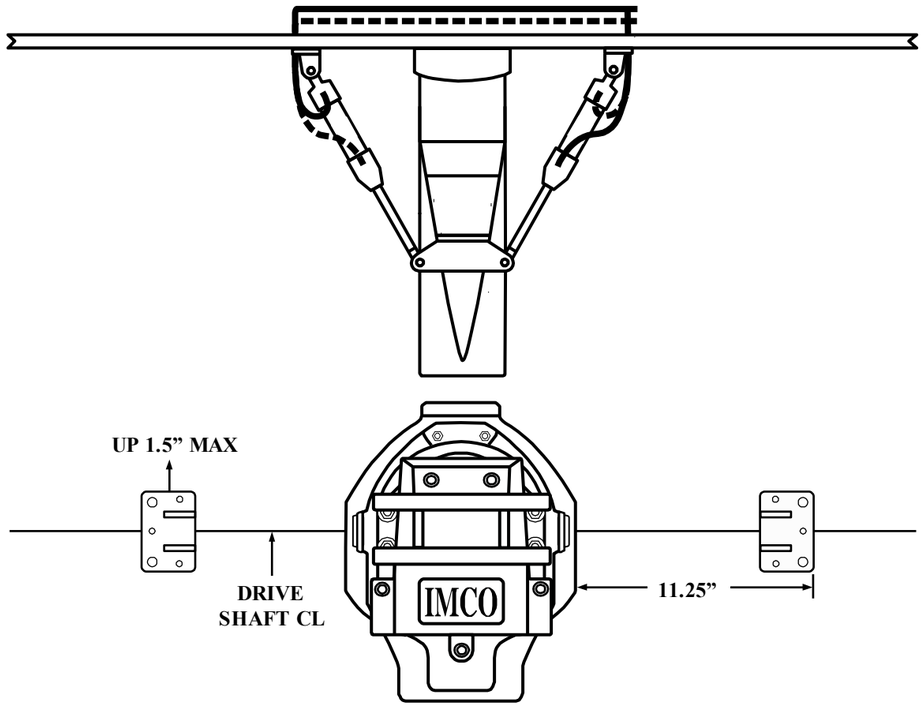
P/N	STEERING KIT	PRICE
SA-20-R	STER KIT 1 BRAVO, 2 RAMS, 4.87" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-6-1-12	STER RAM ASSEMBLY	2
AEC-7	STER CAP KIT	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



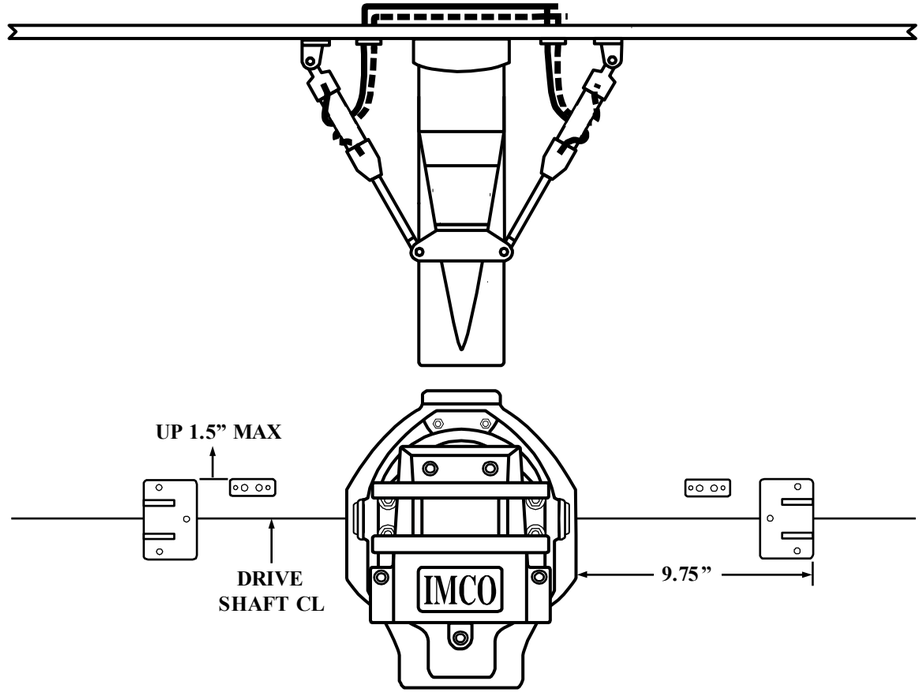
P/N	STEERING KIT	PRICE
SA-2	STER KIT 1 BRAVO, 2 RAMS, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-5	STER CAP KIT	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



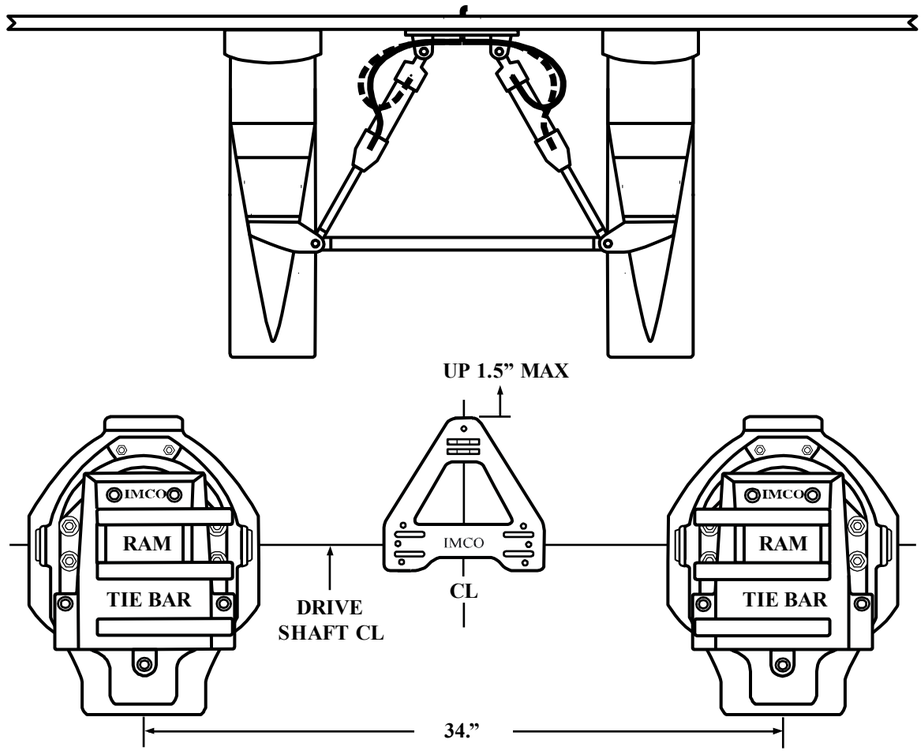
P/N	STEERING KIT	PRICE
SA-2-R	STER KIT 1 BRAVO, 2 RAMS, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-5	STER CAP KIT	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



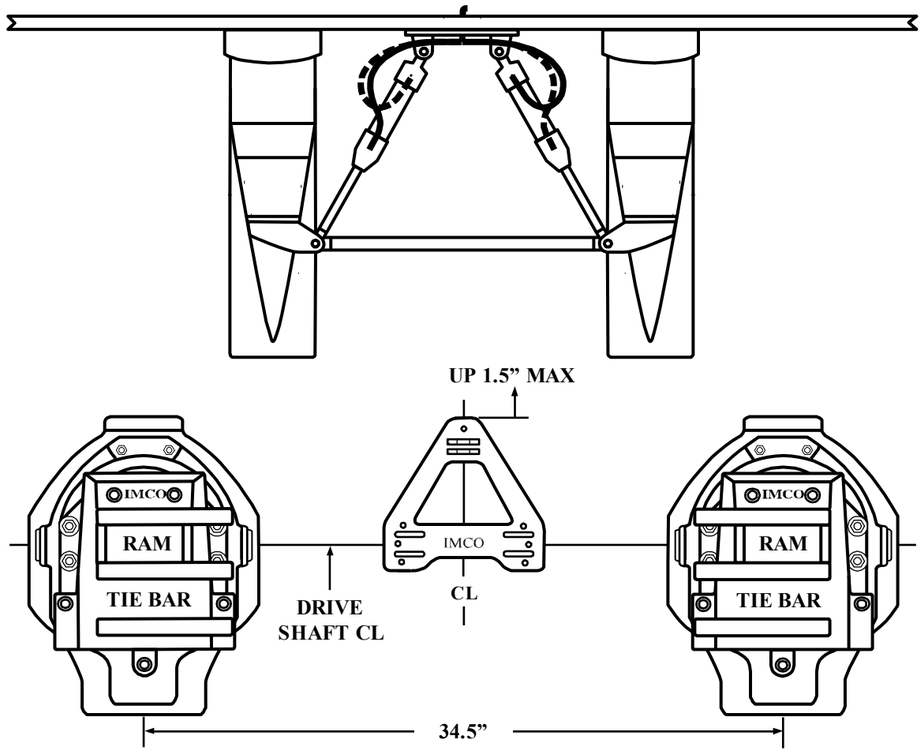
P/N	STEERING KIT	PRICE
SA-34-T	STER KIT 2 BRAVOS, 2 RAMS, UNI MOUNT, 34." DRIVE CENTERS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-4	STER CAP KIT	1
AEC-3	STER CAP KIT	1
TB-34	TRANSOM BRACKET KIT	1
TB-90	TIE BAR ASSEMBLY	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



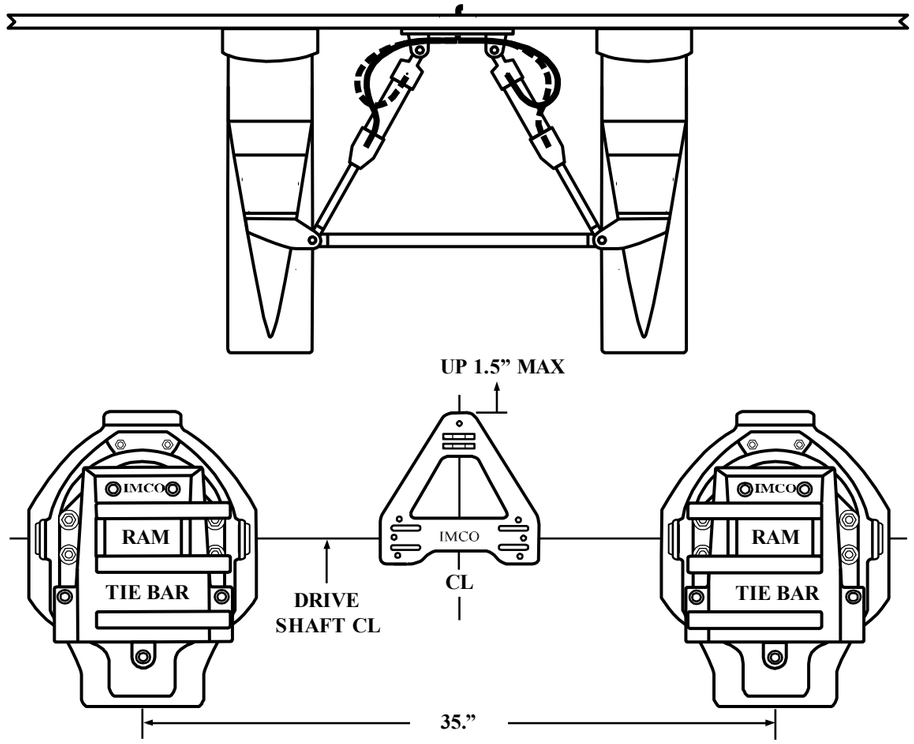
P/N	STEERING KIT	PRICE
SA-345-T	STER KIT 2 BRAVOS, 2 RAMS, UNI MOUNT, 34.5" DRIVE CENTERS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-4	STER CAP KIT	1
AEC-3	STER CAP KIT	1
TB-345	TRANSOM BRACKET KIT	1
TB-91	TIE BAR ASSEMBLY	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



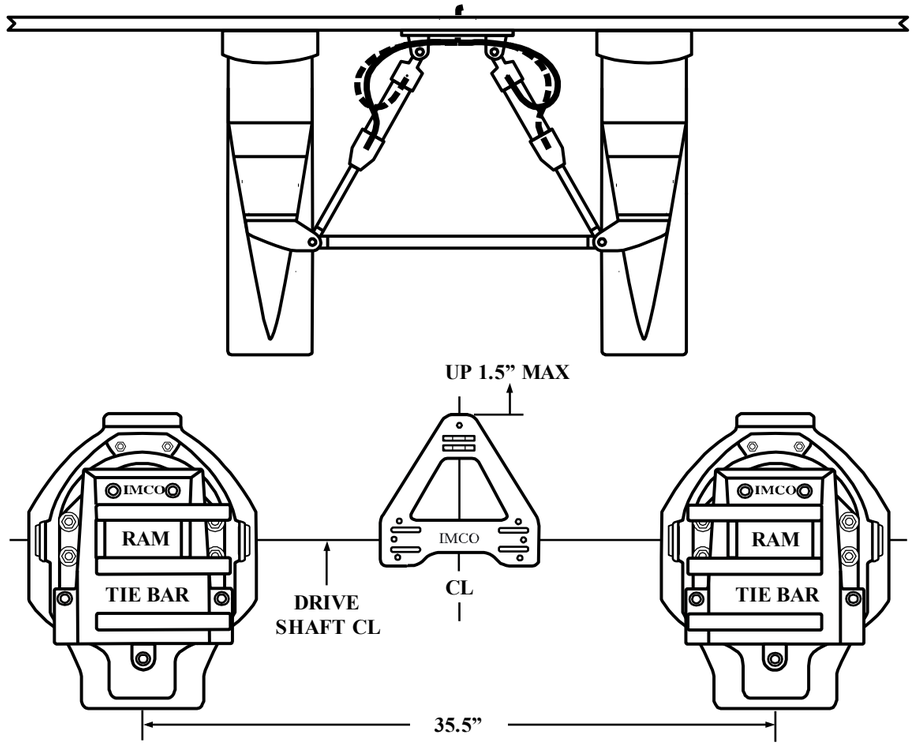
P/N	STEERING KIT	PRICE
SA-35-T	STER KIT 2 BRAVOS, 2 RAMS, UNI MOUNT, 35." DRIVE CENTERS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-4	STER CAP KIT	1
AEC-3	STER CAP KIT	1
TB-35	TRANSOM BRACKET KIT	1
TB-92	TIE BAR ASSEMBLY	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



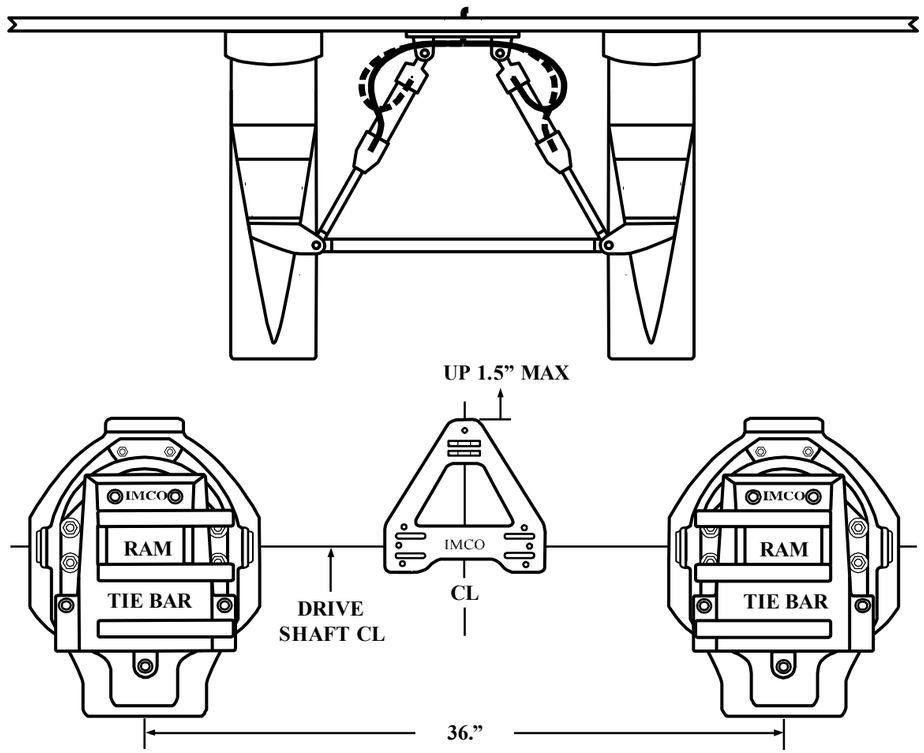
P/N	STEERING KIT	PRICE
SA-355-T	STER KIT 2 BRAVOS, 2 RAMS, UNI MOUNT, 35.5" DRIVE CENTERS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-4	STER CAP KIT	1
AEC-3	STER CAP KIT	1
TB-355	TRANSOM BRACKET KIT	1
TB-93	TIE BAR ASSEMBLY	1

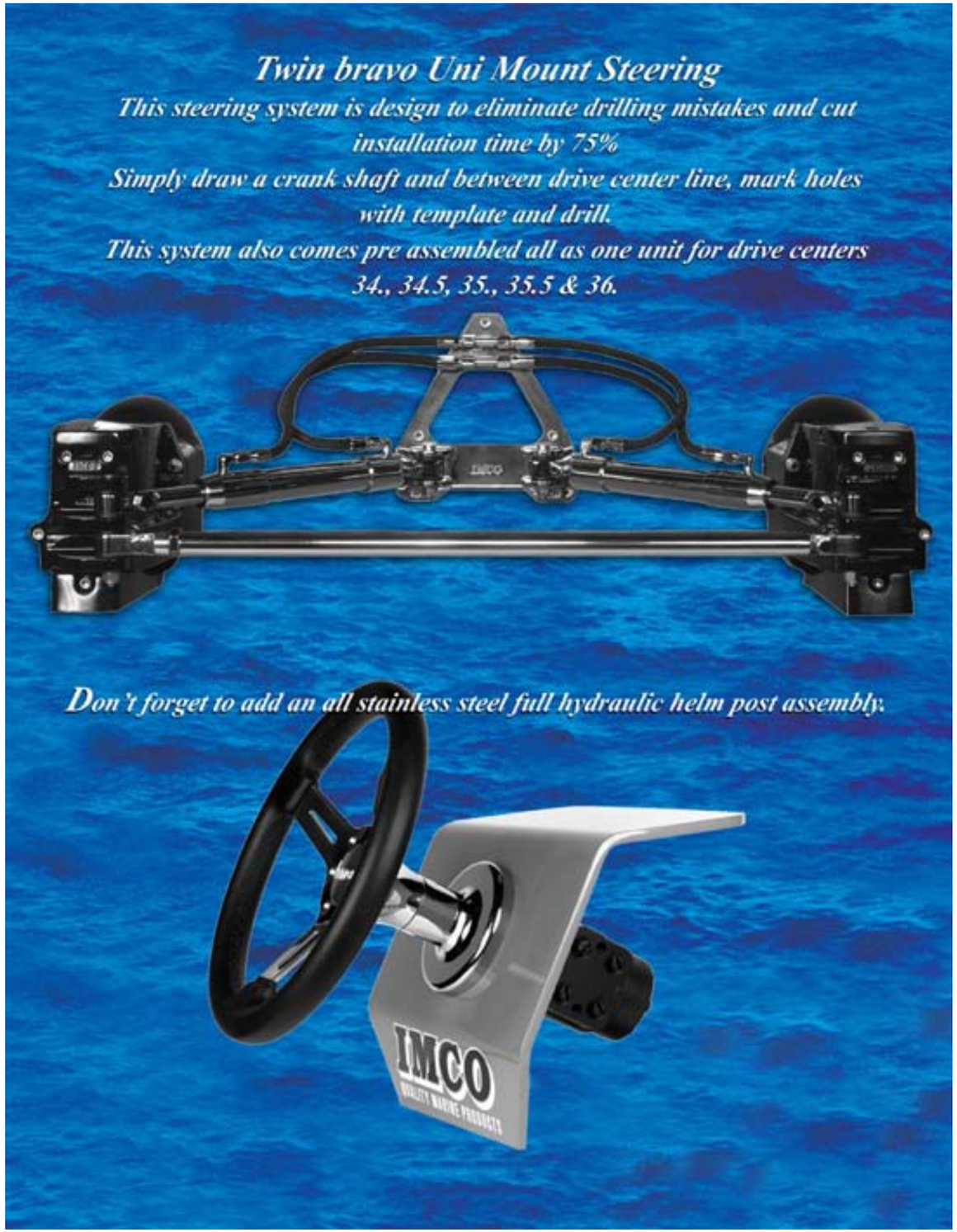
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



P/N	STEERING KIT	PRICE
SA-36-T	STER KIT 2 BRAVOS, 2 RAMS, UNI MOUNT, 36." DRIVE CENTERS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-4	STER CAP KIT	1
AEC-3	STER CAP KIT	1
TB-36	TRANSOM BRACKET KIT	1
TB-94	TIE BAR ASSEMBLY	1

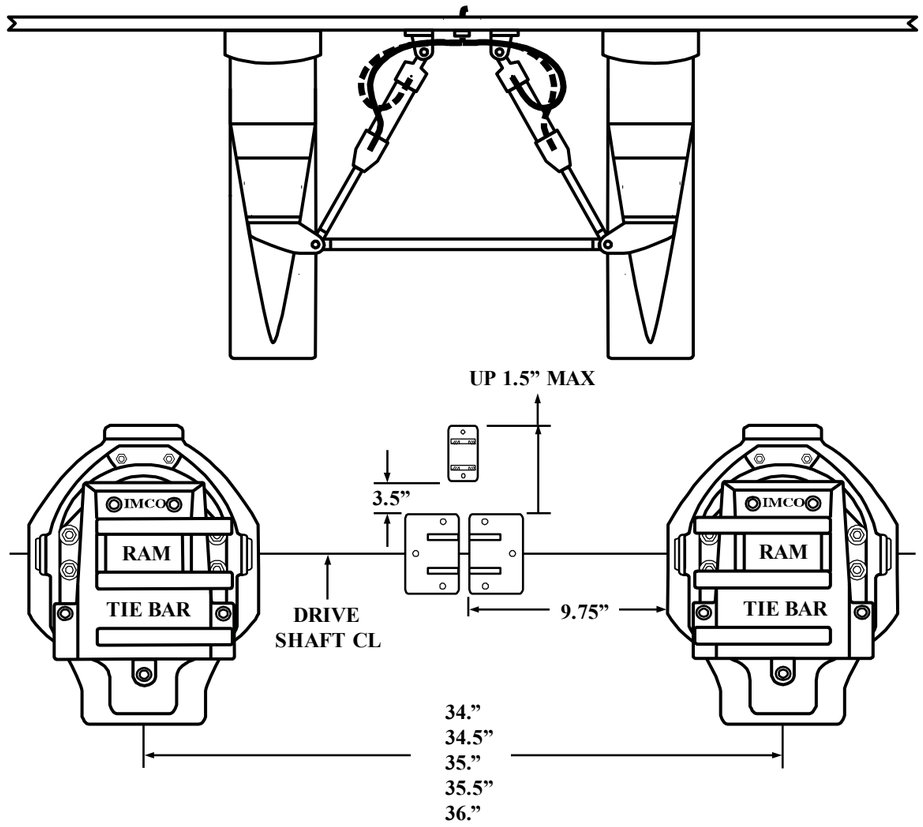
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	





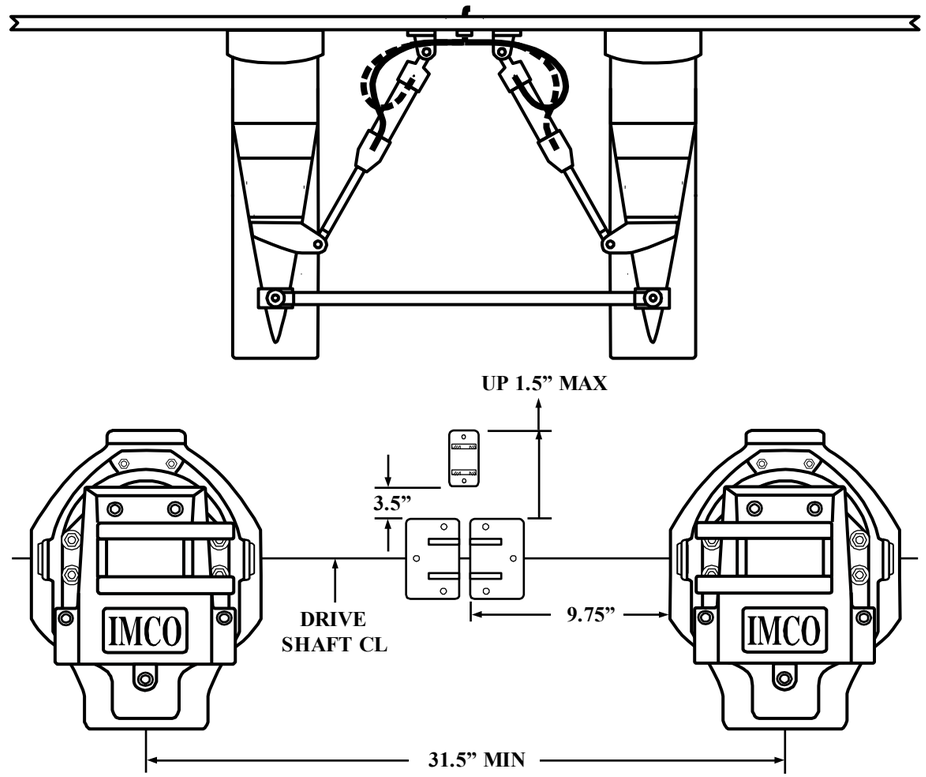
P/N	STEERING KIT	PRICE
SA-4-R	STER KIT 2 BRAVOS, 2 RAMS BET, V-BOT, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-4	STER CAP KIT	1
AEC-3	STER CAP KIT	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-90	TIE BAR ASS 1.250" DIA X **34.000"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-91	TIE BAR ASS 1.250" DIA X **34.500"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-92	TIE BAR ASS 1.250" DIA X **35.000"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-93	TIE BAR ASS 1.250" DIA X **35.500"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-94	TIE BAR ASS 1.250" DIA X **36.000"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	



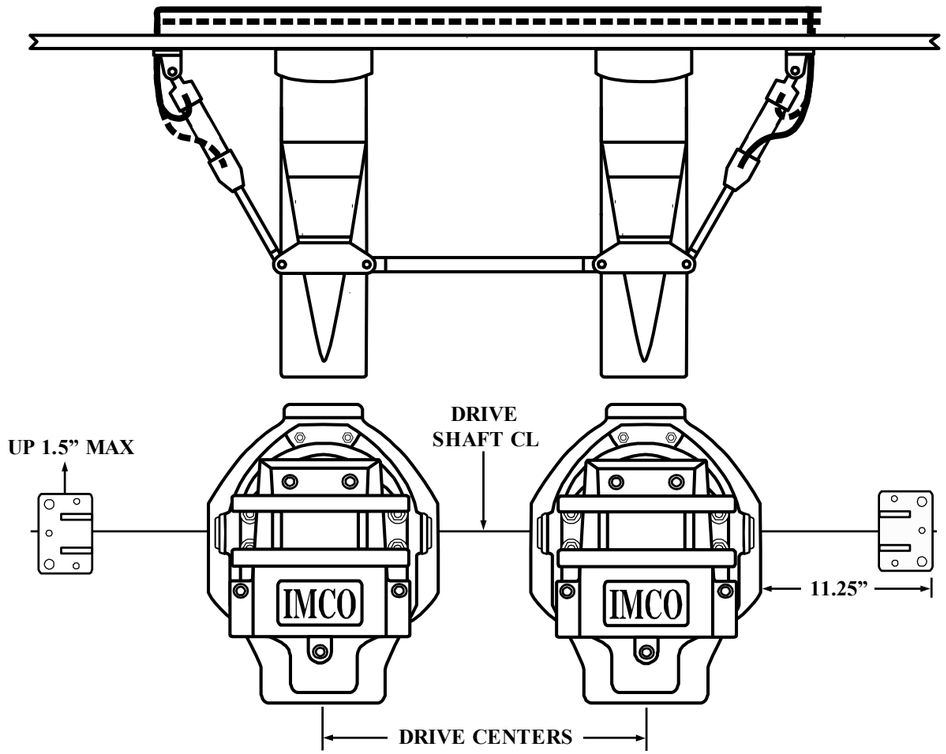
P/N	STEERING KIT	PRICE
SA-39-R	STER KIT 2 BRAVOS, 2 RAMS BET, STK TIE BAR, V-BOT, 9.75" TRANSOM BRACKET LOCAT	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-1	STER CAP KIT	1
AEC-2	STER CAP KIT	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	



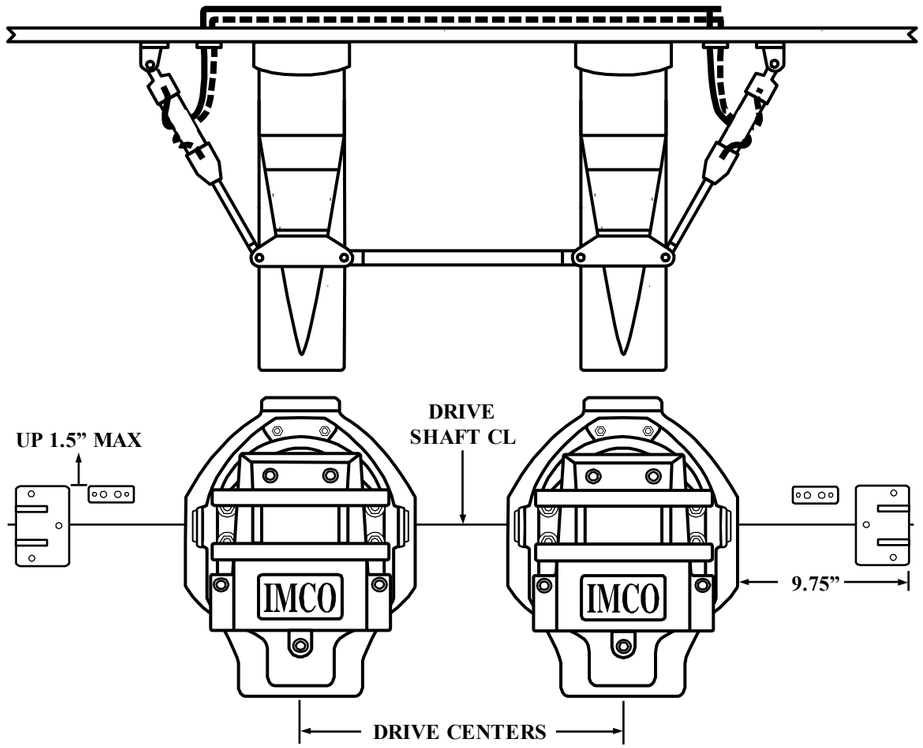
P/N	STEERING KIT	PRICE
SA-42	STER KIT 2 BRAVOS, 2 RAMS OUT, V-BOT,11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-5	STER CAP KIT	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-2	TIE BAR PER INCH	



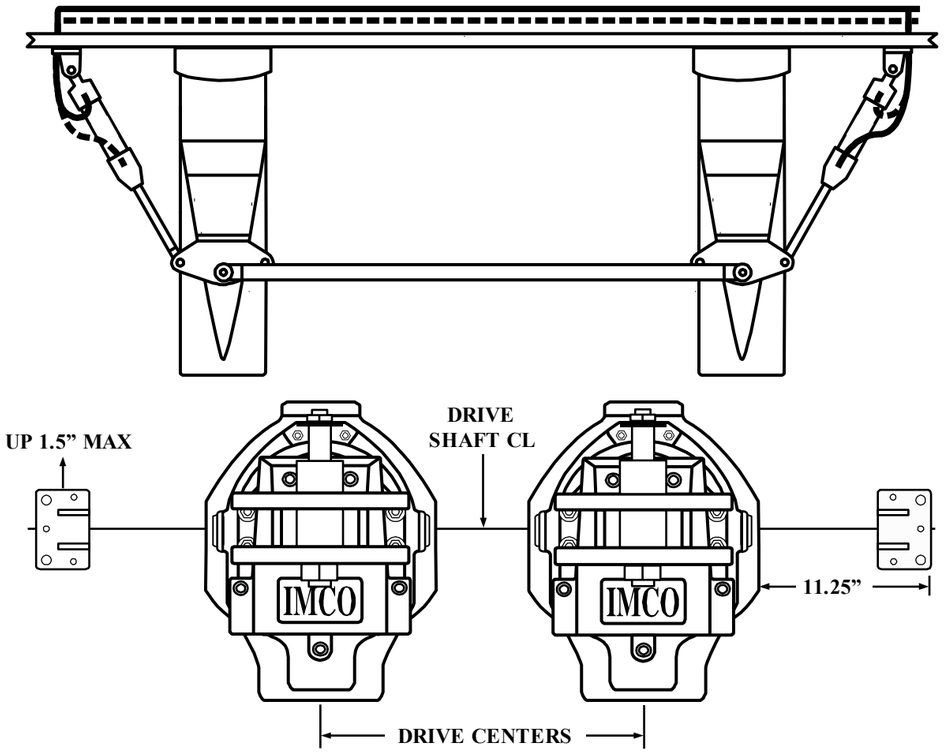
P/N	STEERING KIT	PRICE
SA-42-R	STER KIT 2 BRAVOS, 2 RAMS OUT, V-BOT, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-5	STER CAP KIT	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-2	TIE BAR PER INCH	



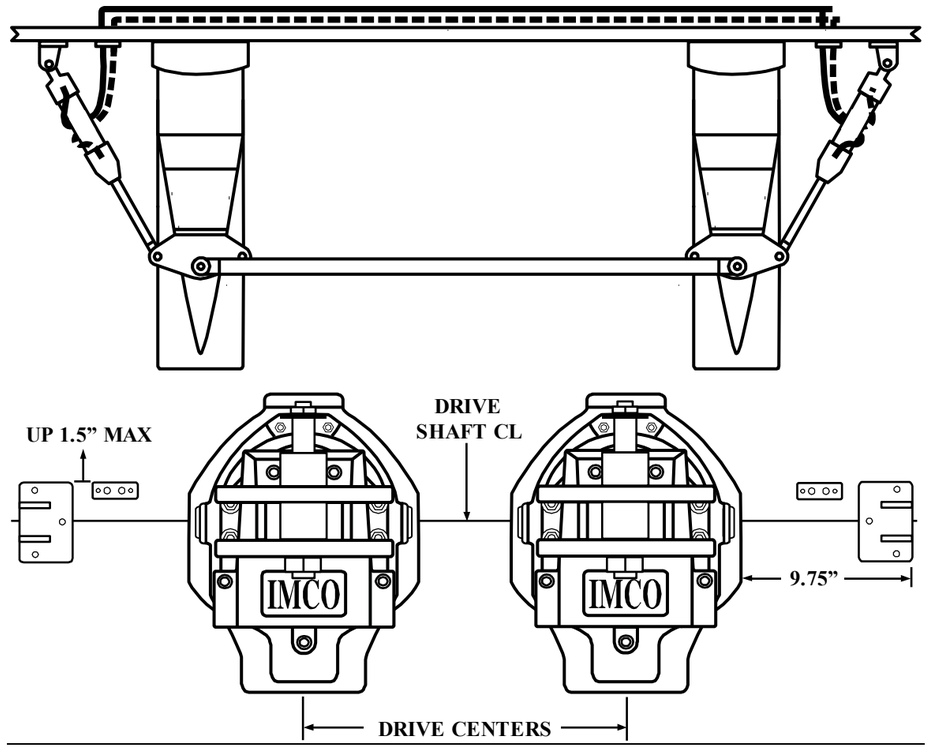
P/N	STEERING KIT	PRICE
SA-3	STER KIT 2 BRAVOS, 2 RAMS OUT, CAT, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-17	STER CAP KIT	2
TB-37	TIE BAR KIT 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-1	TIE BAR PER INCH	



P/N	STEERING KIT	PRICE
SA-3-R	STER KIT 2 BRAVOS, 2 RAMS OUT, CAT, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
AEC-17	STER CAP KIT	2
TB-37	TIE BAR KIT 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

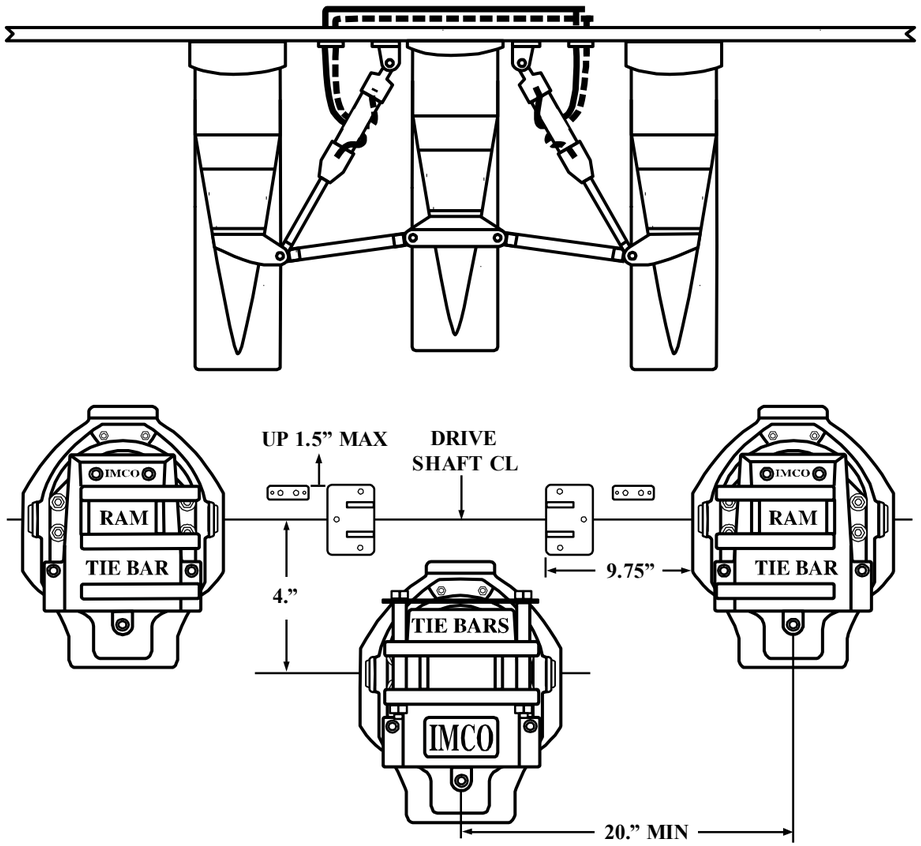
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-1	TIE BAR PER INCH	



P/N	STEERING KIT	PRICE
SA-15-4	STER KIT 3 BRAVOS, 2 RAMS BET, 4." DROP, ANY STYLE TOP CAP, 9.75" TRANS BRKT LOCAT	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-77	TIE BAR KIT 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-2	TIE BAR PER INCH	

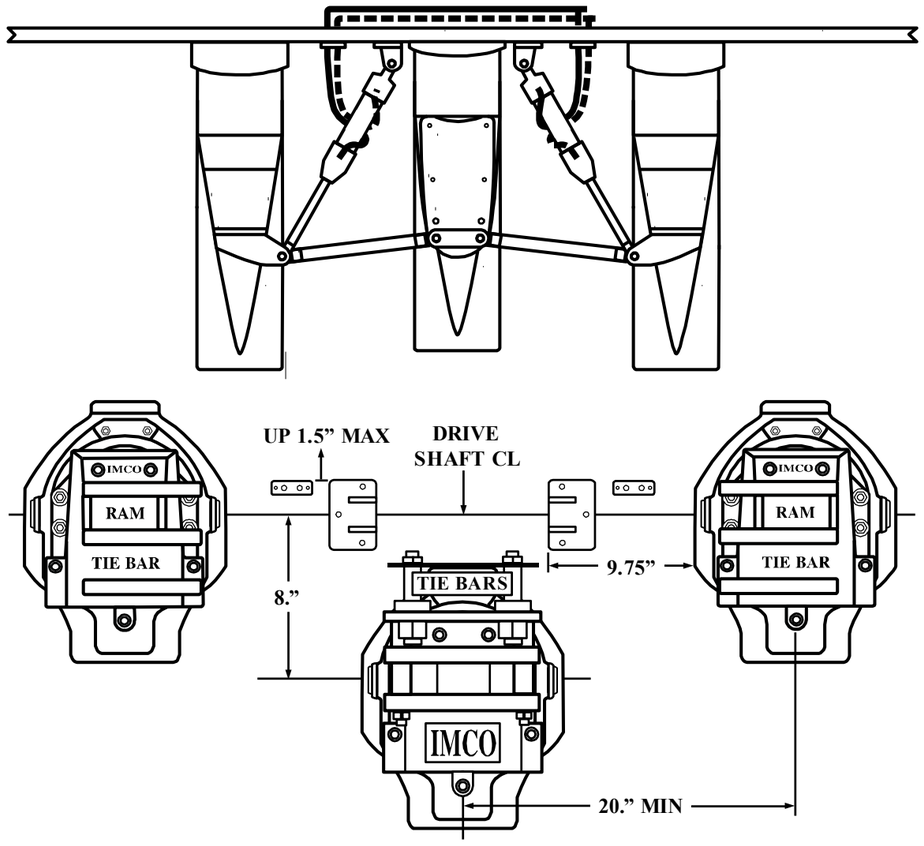
NOTE: TIE BARS ARE LEVEL AT 4.000" OF DROP TO THE CENTER DRIVE

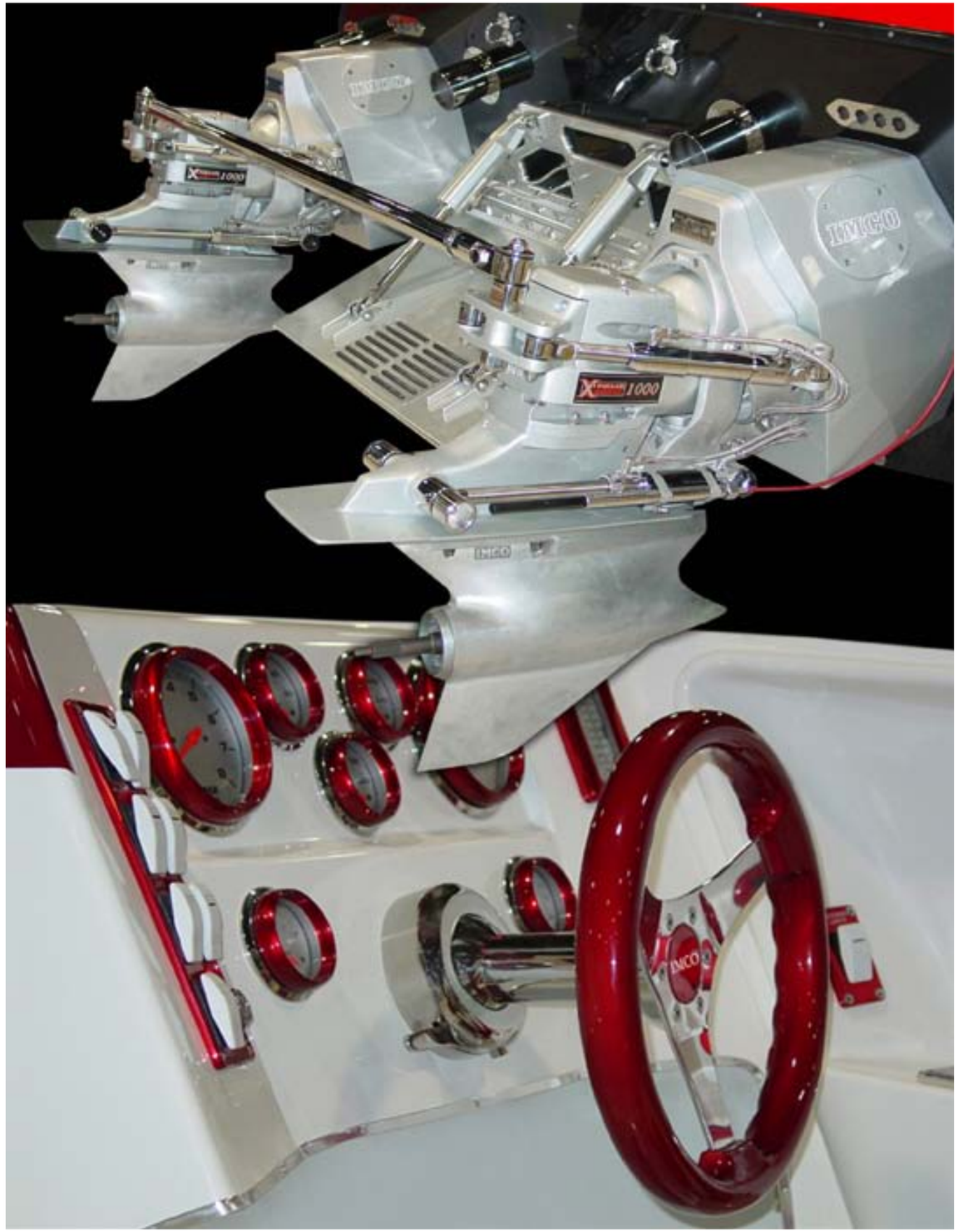


P/N	STEERING KIT	PRICE
SA-15-8	STER KIT 3 BRAVOS, 2 RAMS BET, 8." DROP, FINN TOP CAP ONLY, 9.75" TRANS BRKT LOCAT	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-100	TIE BAR KIT 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
MP-23	DRILL BIT	
TB-2	TIE BAR PER INCH	

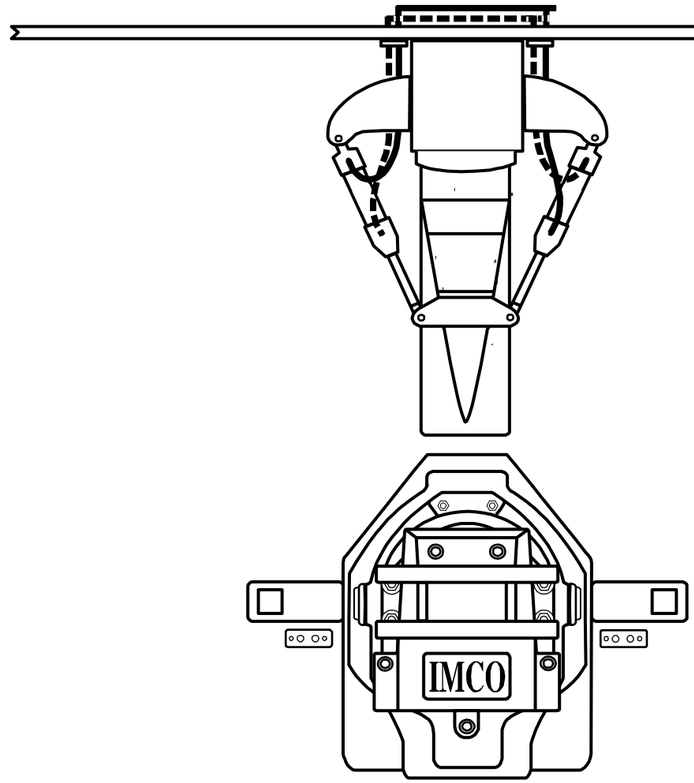
NOTE: TIE BARS ARE LEVEL AT 8.000" OF DROP TO THE CENTER DRIVE





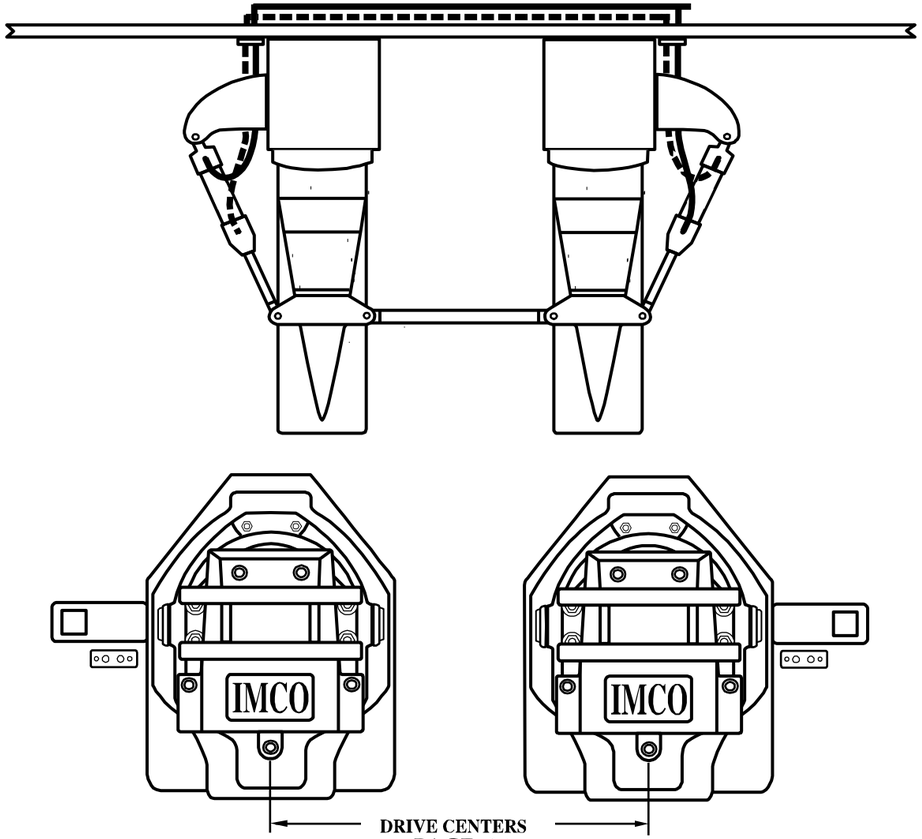
P/N	STEERING KIT "AVAILABLE IN SILVER OR W/A 3" LIFT"	PRICE
SA-12-E	STER KIT 1 BRAVO, 2 RAMS, E-BOX, STRAIGHT BACK, BLACK	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
EB-12-B	EXTENSION BOX KIT, STRAIGHT BACK, BLACK	1
WP-8-R-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
WP-8-L-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
HO-8	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-14	STER RAM ASSEMBLY	2
AEC-5	STER CAP KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
AT-12	ALIGNMENT TOOL	
MP-23	DRILL BIT	
DS-13-S	E-BOX DRIVE SHAFT **1.062"** BEARINIG CAP DIA	
DS-12-S	E-BOX DRIVE SHAFT **1.077"** BEARINIG CAP DIA	
DS-13-X	E-BOX DRIVE SHAFT **1.217"** BEARINIG CAP DIA	
DS-12-X	E-BOX DRIVE SHAFT **1.328"** BEARINIG CAP DIA	



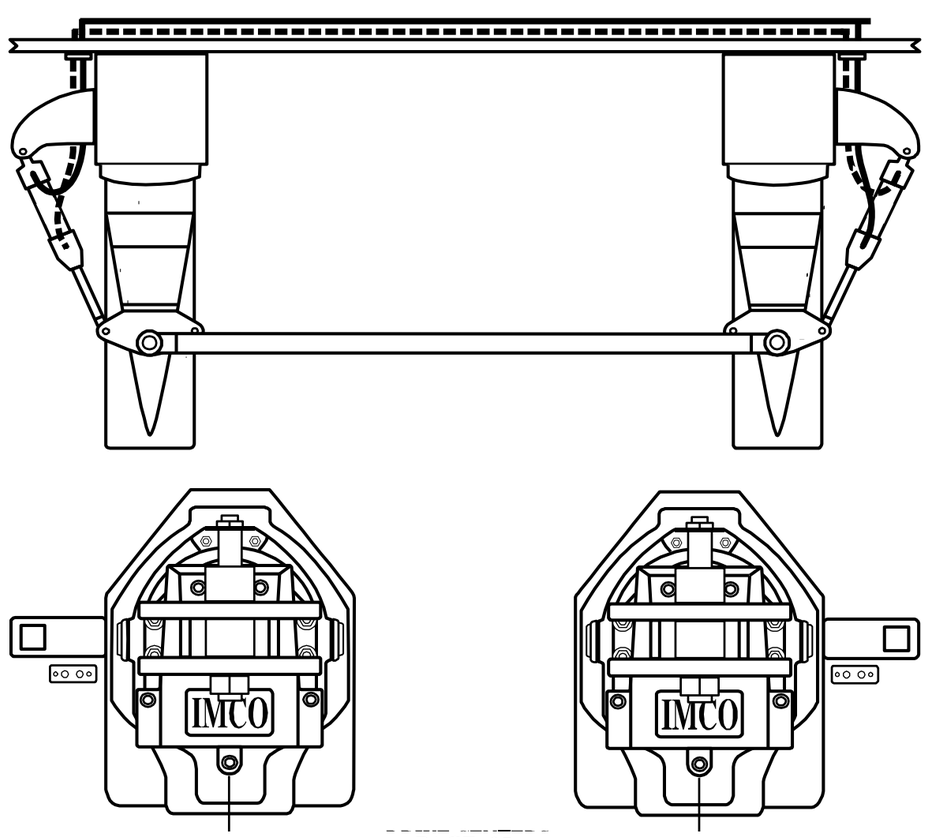
P/N	STEERING KIT "AVAILABLE IN SILVER OR W/A 3" LIFT"	PRICE
SA-13-E	STER KIT 2 BRAVOS, 2 RAMS OUT, V-BOT, E-BOXES, STRAIGHT BACK, BLACK	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
EB-12-B	EXTENSION BOX KIT, STRAIGHT BACK, BLACK	2
WP-8-R-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
WP-8-L-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
HO-8	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-14	STER RAM ASSEMBLY	2
AEC-5	STER CAP KIT	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
AT-12	ALIGNMENT TOOL	
MP-23	DRILL BIT	
TB-2	TIE BAR PER INCH	
DS-13-S	E-BOX DRIVE SHAFT **1.062"** BEARINIG CAP DIA	
DS-12-S	E-BOX DRIVE SHAFT **1.077"** BEARINIG CAP DIA	
DS-13-X	E-BOX DRIVE SHAFT **1.217"** BEARINIG CAP DIA	
DS-12-X	E-BOX DRIVE SHAFT **1.328"** BEARINIG CAP DIA	



P/N	STEERING KIT "AVAILABLE IN SILVER OR W/A 3" LIFT"	PRICE
SA-14-E	STER KIT 2 BRAVOS, 2 RAMS OUT, CAT, E-BOXES, STRAIGHT BACK, BLACK	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
EB-12-B	EXTENSION BOX KIT, STRAIGHT BACK, BLACK	2
WP-8-R-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
WP-8-L-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
HO-8	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-14	STER RAM ASSEMBLY	2
AEC-17	STER CAP KIT	2
TB-37	TIE BAR KIT 1.750" DIA X 18.000" DRIVE CENTERS	1

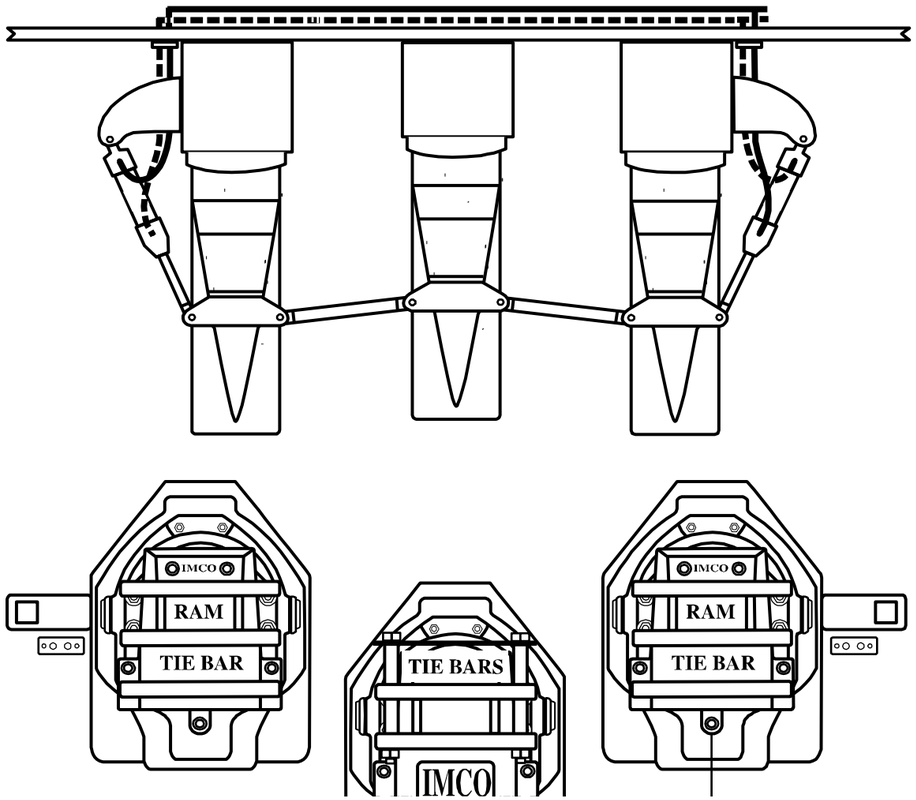
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
AT-12	ALIGNMENT TOOL	
MP-23	DRILL BIT	
TB-1	TIE BAR PER INCH	
DS-13-S	E-BOX DRIVE SHAFT **1.062"** BEARINIG CAP DIA	
DS-12-S	E-BOX DRIVE SHAFT **1.077"** BEARINIG CAP DIA	
DS-13-X	E-BOX DRIVE SHAFT **1.217"** BEARINIG CAP DIA	
DS-12-X	E-BOX DRIVE SHAFT **1.328"** BEARINIG CAP DIA	



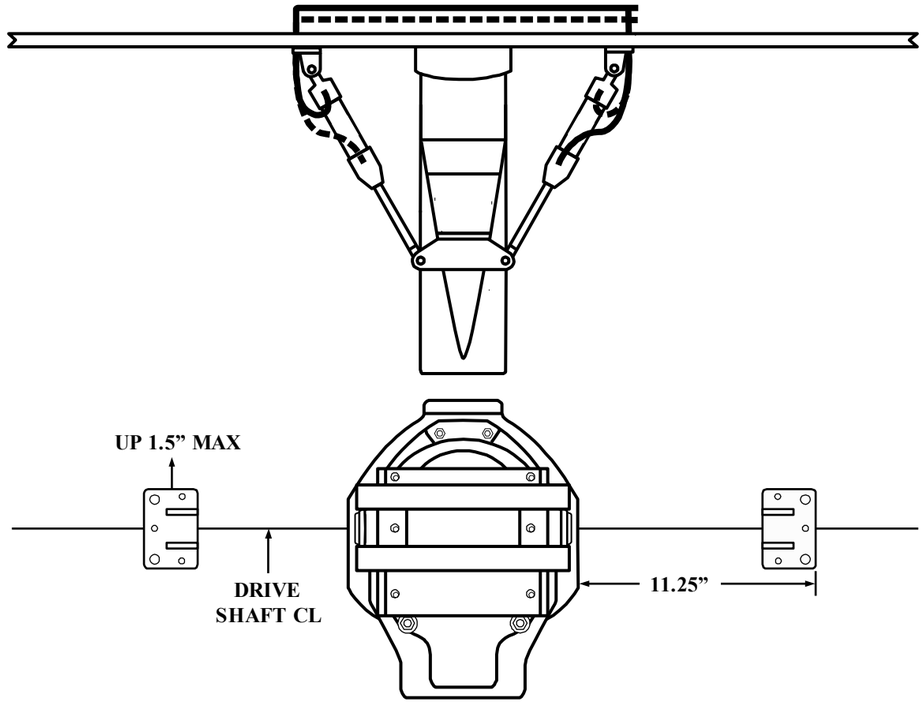
P/N	STEERING KIT "AVAILABLE IN: SILVER, 3.0" LIFT, 8.0" DROP TO THE CENTER DRIVE"	PRICE
SA-19-E	STER KIT 3 BRAVOS, 2 RAMS, 4.000" DROP, E-BOXES, STRAIGHT BACK, BLACK	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
EB-12-B	EXTENSION BOX KIT, STRAIGHT BACK, BLACK	3
WP-8-R-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
WP-8-L-B	EXTENSION BOX SIDE MOUNT BRACKET KIT, BLACK	1
HO-8	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-14	STER RAM ASSEMBLY	2
TB-77	TIE BAR KIT 1.250" DIA X 18.000" DRIVE CENTERS	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
AT-12	ALIGNMENT TOOL	
MP-23	DRILL BIT	
TB-2	TIE BAR PER INCH	
DS-13-S	E-BOX DRIVE SHAFT **1.062"** BEARINIG CAP DIA	
DS-12-S	E-BOX DRIVE SHAFT **1.077"** BEARINIG CAP DIA	
DS-13-X	E-BOX DRIVE SHAFT **1.217"** BEARINIG CAP DIA	
DS-12-X	E-BOX DRIVE SHAFT **1.328"** BEARINIG CAP DIA	

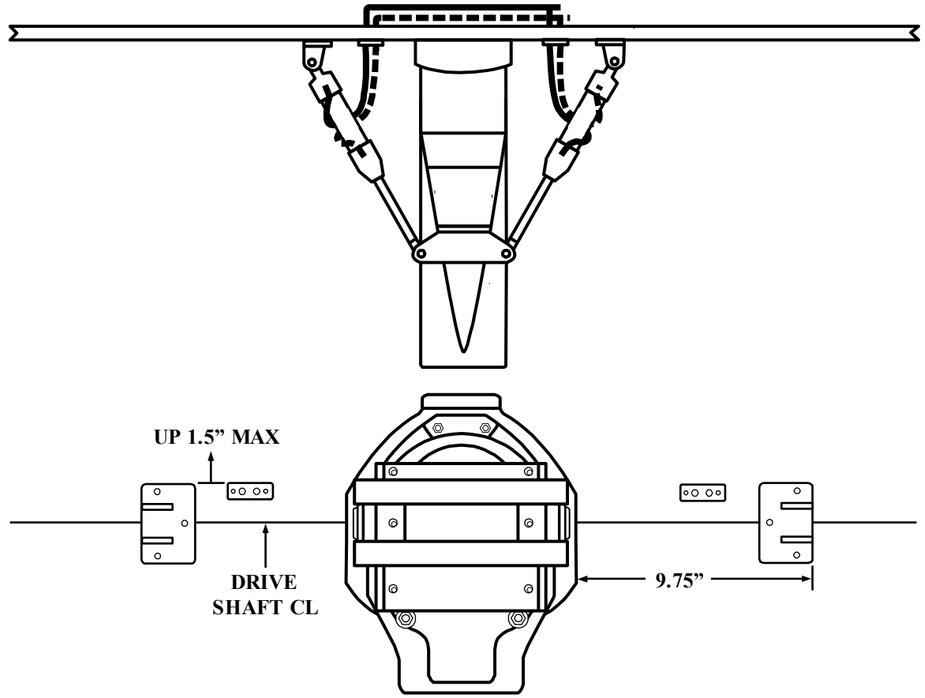
NOTE: TIE BARS ARE LEVEL AT 4.000" OF DROP TO THE CENTER DRIVE



P/N	STEERING KIT	PRICE
SA-5	STER KIT 1 B-MAX, 2 RAMS, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
MP-40	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .6"	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1

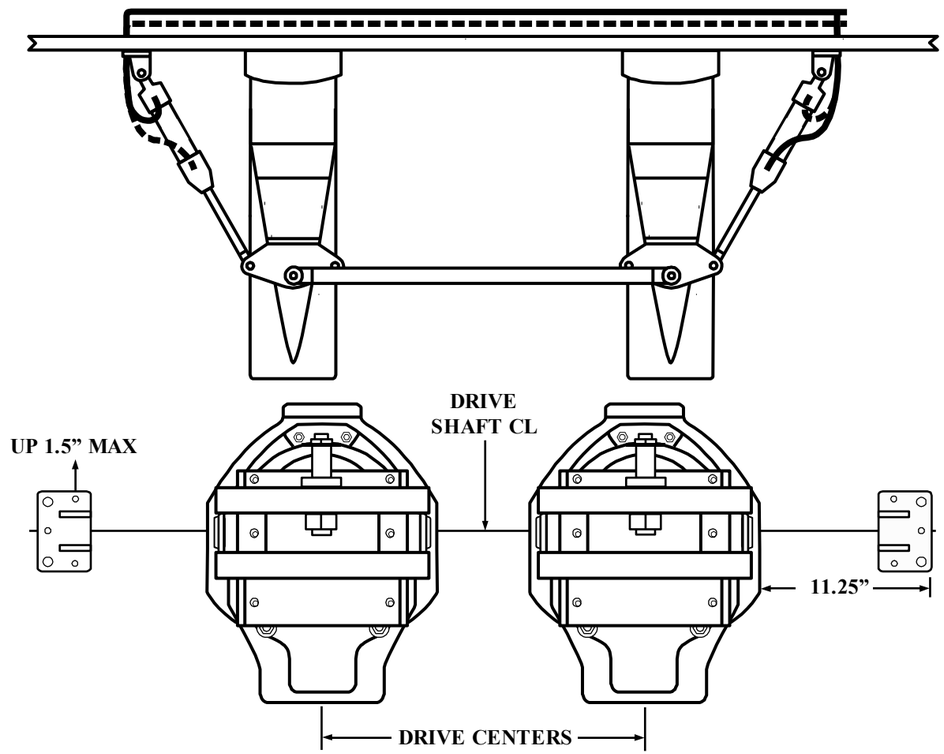


P/N	STEERING KIT	PRICE
SA-5-R	STER KIT 1 B-MAX, 2 RAMS, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-40	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .6"	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1



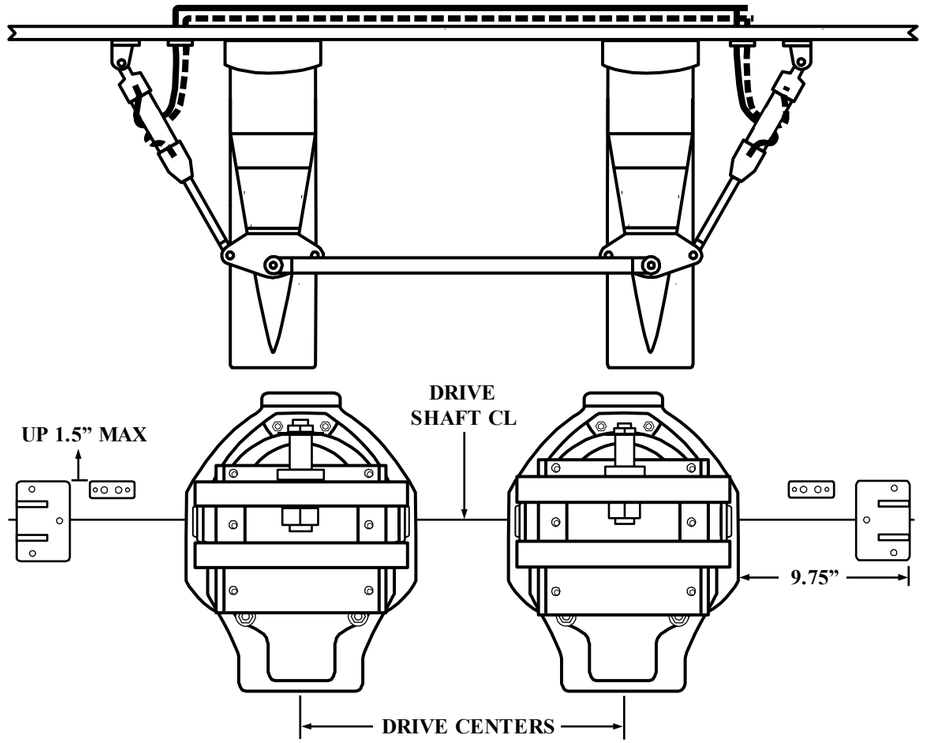
P/N	STEERING KIT	PRICE
SA-40	STER KIT 2 B-MAX'S, 2 RAMS OUT,11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
MP-40	CLEVIS PIN	2
TB-17	CLEVIS STUD ASSEMBLY	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .600"	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-29	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-1	TIE BAR PER INCH	

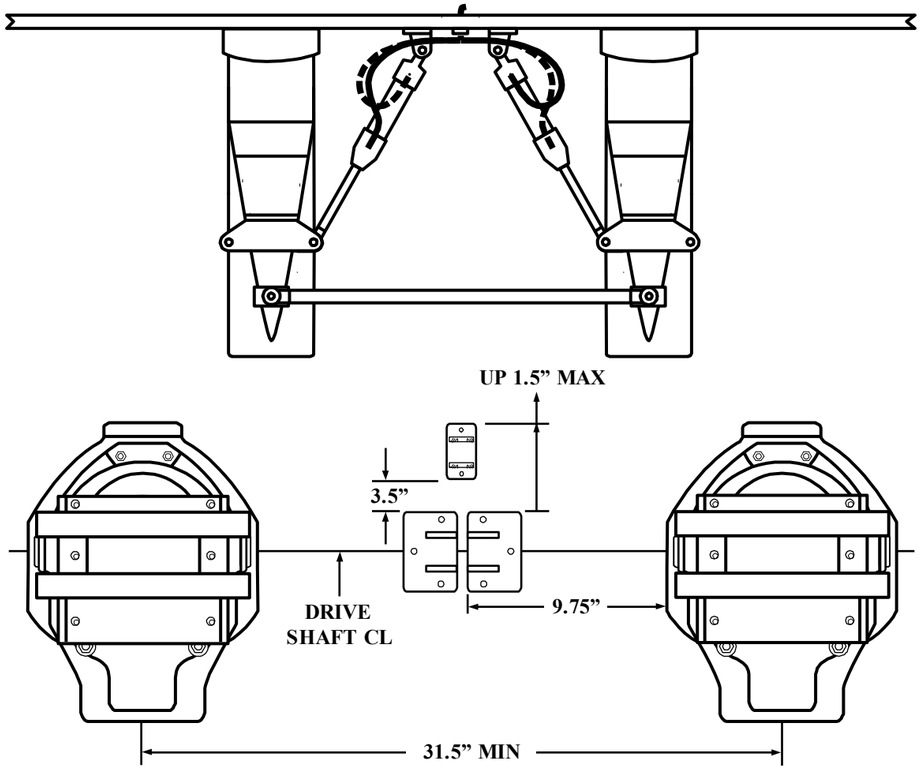


P/N	STEERING KIT	PRICE
SA-40-R	STER KIT 2 B-MAX'S, 2 RAMS OUT, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-40	CLEVIS PIN	2
TB-17	CLEVIS STUD ASSEMBLY	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .600"	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-29	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-1	TIE BAR PER INCH	

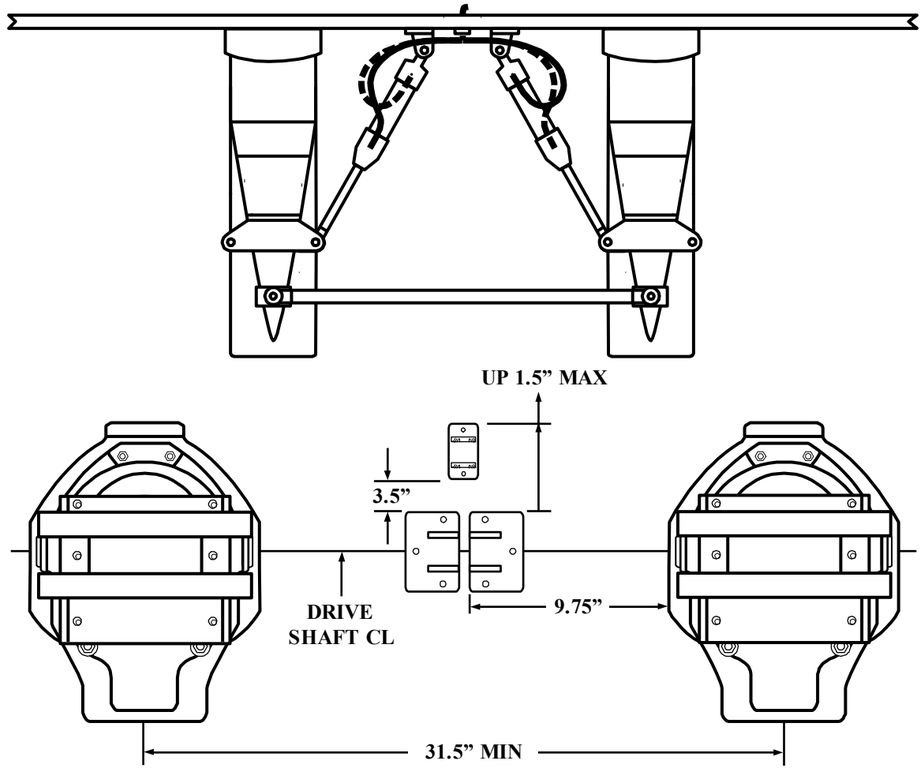


P/N	STEERING KIT	PRICE
SA-7-R	STER KIT 2 B-MAX'S, 2 RAMS BET, STK TIE BAR, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
MP-40	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .600"	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

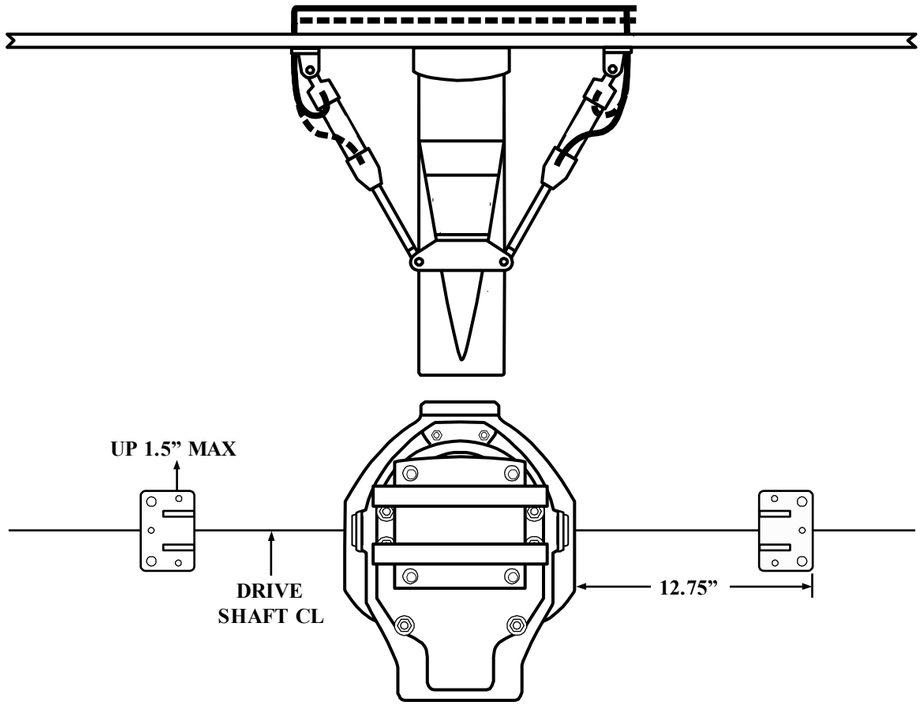


INDEX

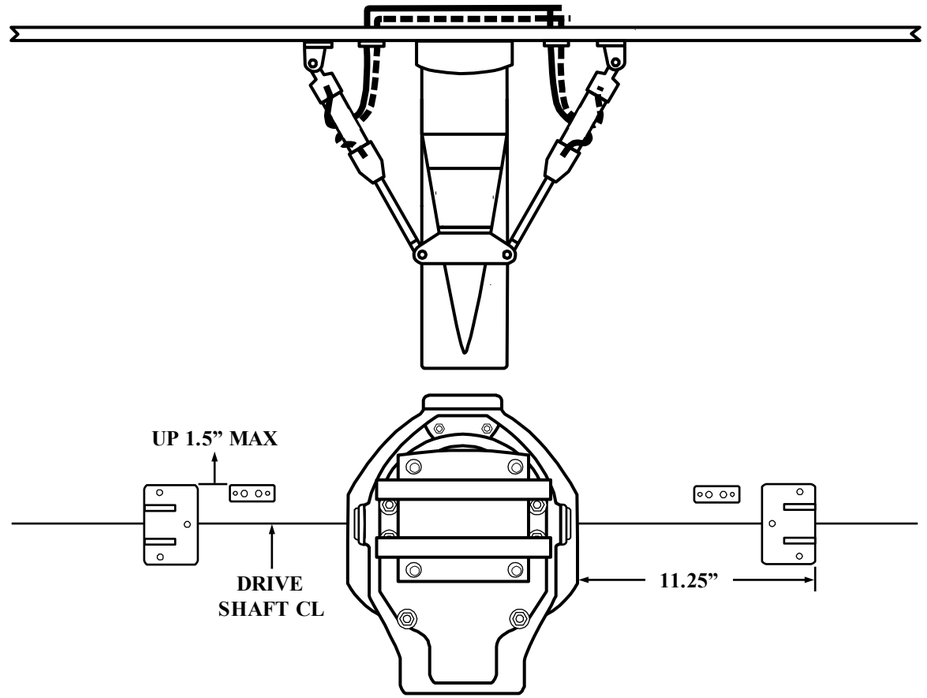
P/N	STEERING KIT	PRICE
SA-7-R	STER KIT 2 B-MAX'S, 2 RAMS BET, STK TIE BAR, 9.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
MP-40	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .600"	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1



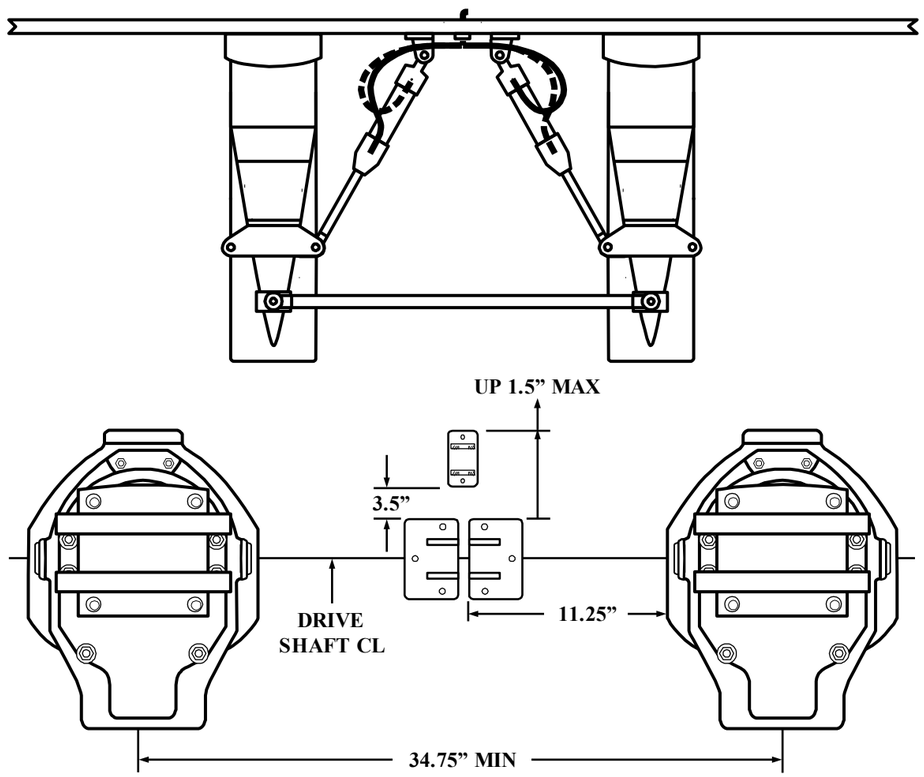
P/N	STEERING KIT	PRICE
SA-32	STER KIT 1 SPEED MASTER 3 OR 5, 2 RAMS, 12.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
MP-87	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .6"	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1



P/N	STEERING KIT	PRICE
SA-32-R	STER KIT 1 SPEED MASTER 3 OR 5, 2 RAMS, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-87	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .6"	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1

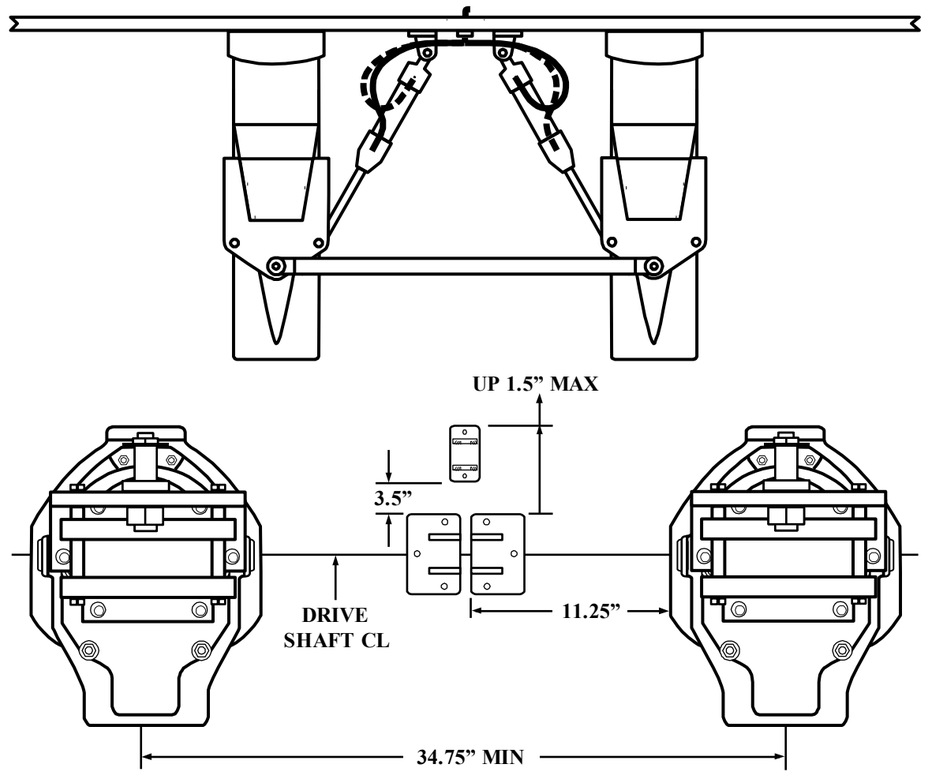


P/N	STEERING KIT	PRICE
SA-34-R	STER KIT 2 SPEED MASTER 3'S OR 5'S, 2 RAMS BET, STK TIE BAR, 11.25" TRANS BRKT LOCAT	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
MP-87	CLEVIS PIN	2
MP-92	FASTENER NUT FULL NYLOC 1/2"-13	2
SW-8	FASTENER WASHER FLAT 1/2" X 7/8" X .6"	2
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1



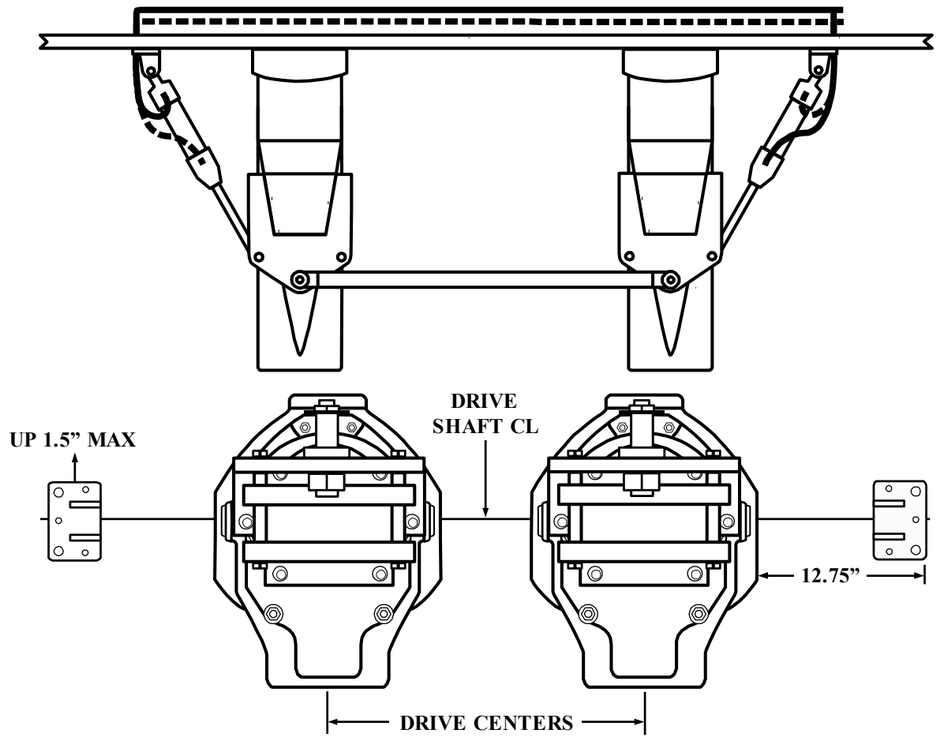
P/N	STEERING KIT	PRICE
SA-54-R	STER KIT 2 SPEED MASTER 3'S OR 5'S, 2 RAMS BET, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
TB-29	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-7-LR	WING PLATE KIT	2

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-1	TIE BAR PER INCH	



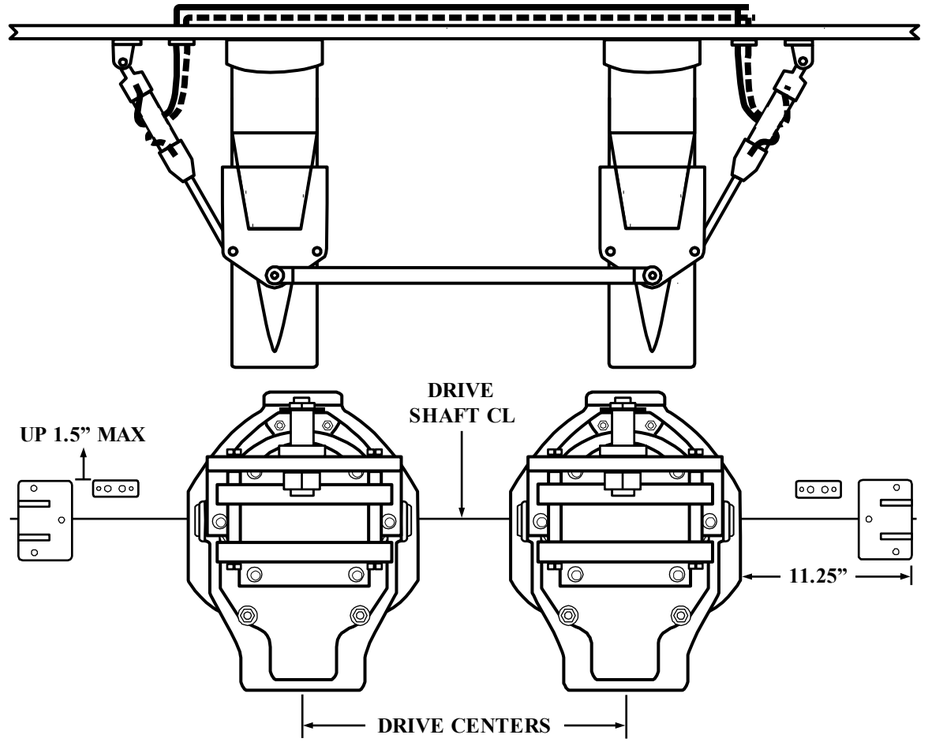
P/N	STEERING KIT	PRICE
SA-53	STER KIT 2 SPEED MASTER 3'S OR 5'S, 2 RAMS OUT, 12.75" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-29	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1
WP-7-LR	WING PLATE KIT	2

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-1	TIE BAR PER INCH	

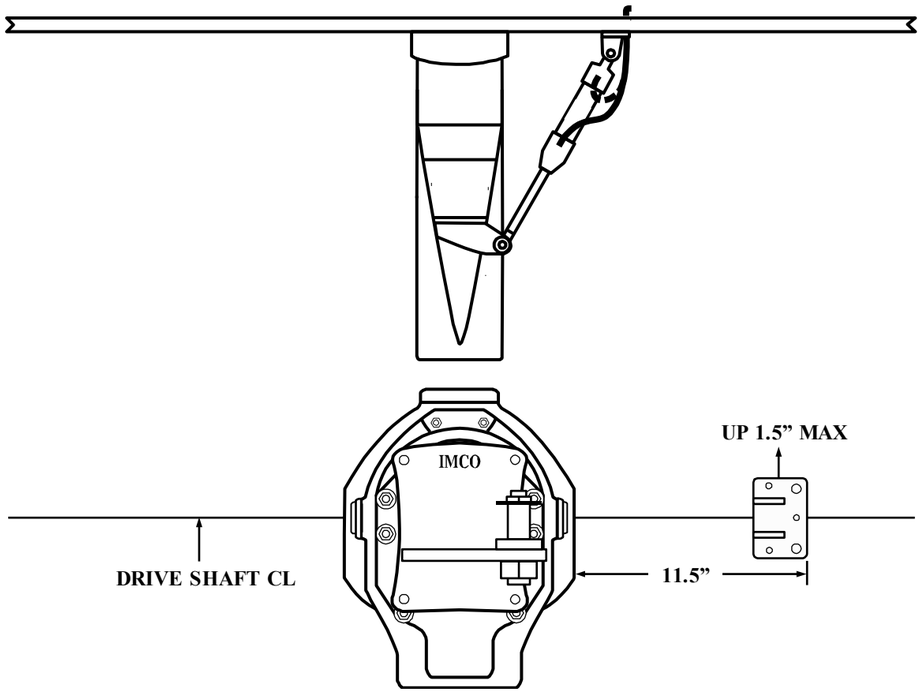


P/N	STEERING KIT	PRICE
SA-53-R	STER KIT 2 SPEED MASTER 3'S OR 5'S, 2 RAMS OUT, 11.25" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-29	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-7-LR	WING PLATE KIT	2

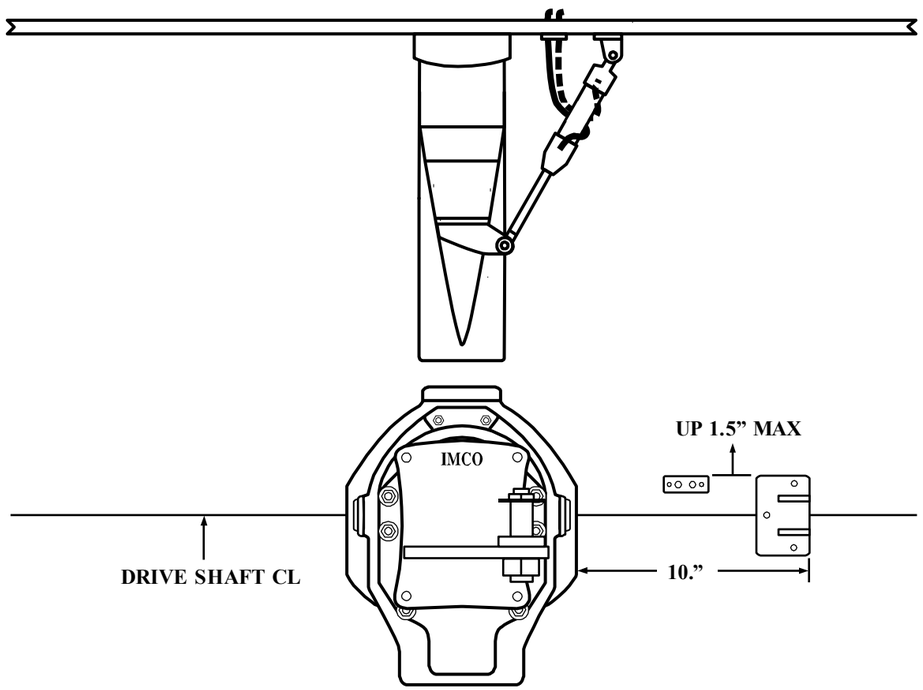
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-1	TIE BAR PER INCH	



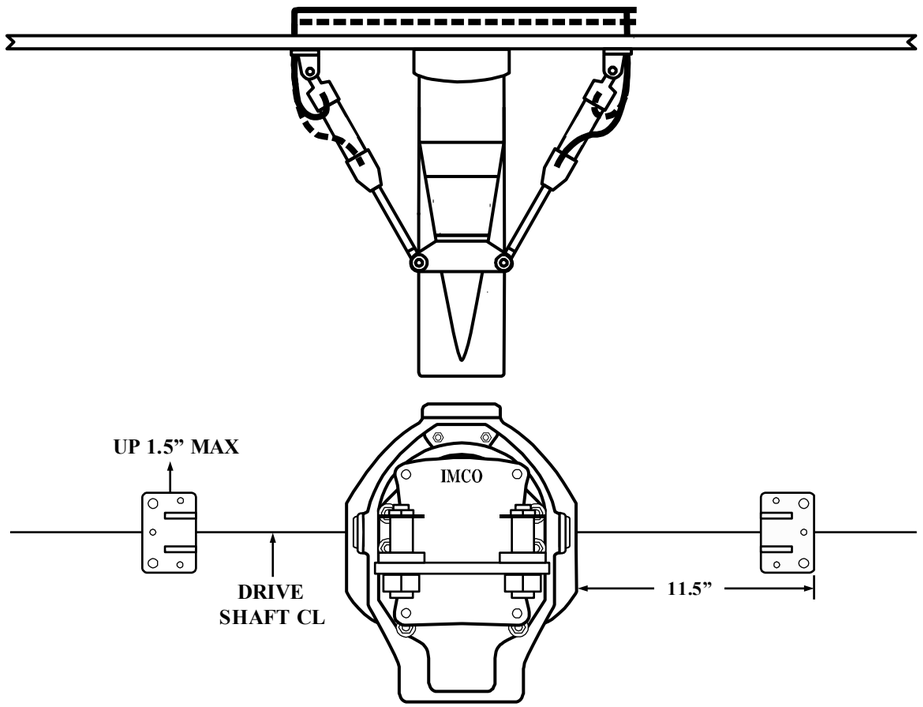
P/N	STEERING KIT	PRICE
SA-21	STER KIT 1 TRS, 1 RAM, 11.5" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	2
SR-8-5-13	STER RAM ASSEMBLY	1
TB-21	TRANSOM BRACKET KIT	1
WP-6-R	WING PLATE KIT	1



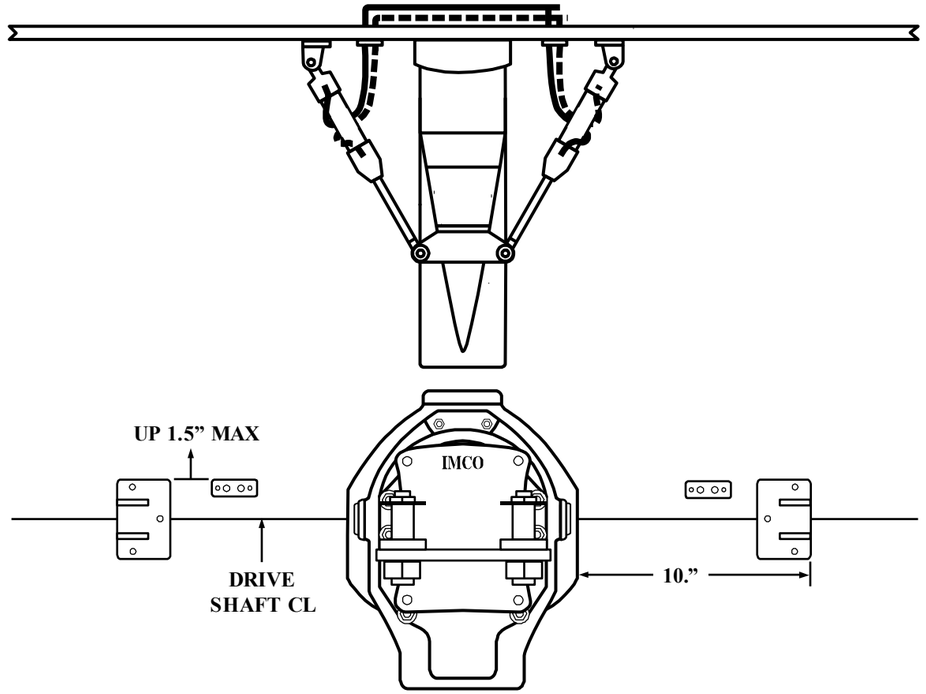
P/N	STEERING KIT	PRICE
SA-21-R	STER KIT 1 TRS, 1 RAM, 10." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	2
SR-8-5-13	STER RAM ASSEMBLY	1
TB-22	TRANSOM BRACKET KIT	1
WP-6-R	WING PLATE KIT	1



P/N	STEERING KIT	PRICE
SA-22	STER KIT 1 TRS, 2 RAMS, 11.5" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1
WP-6-LR	WING PLATE KIT	1

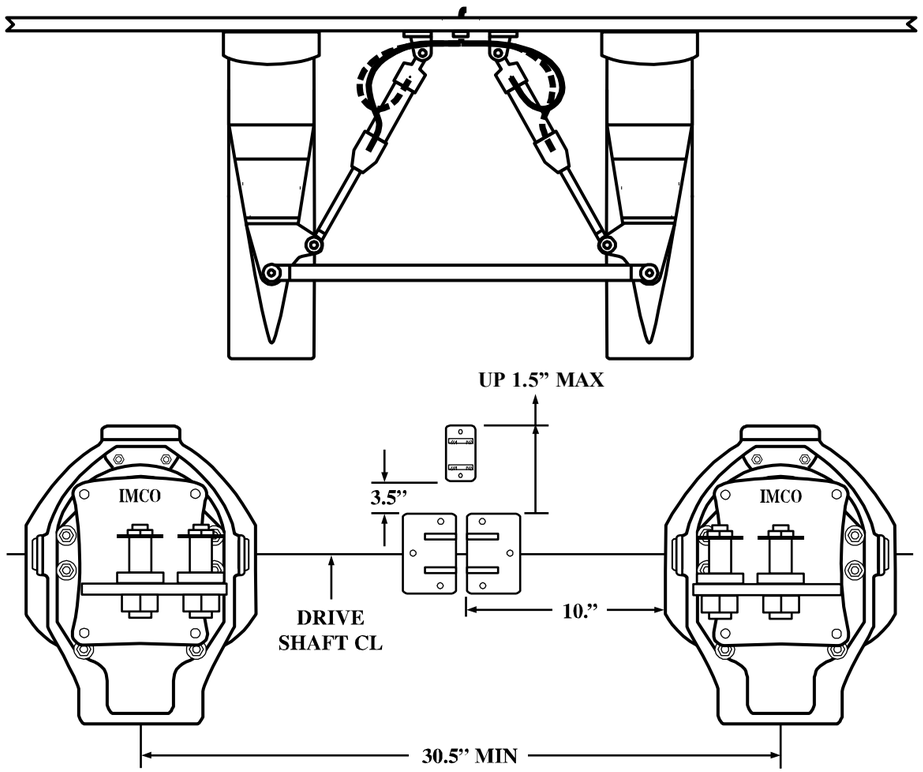


P/N	STEERING KIT	PRICE
SA-22-R	STER KIT 1 TRS, 2 RAMS, 10." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	120"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-6-LR	WING PLATE KIT	1

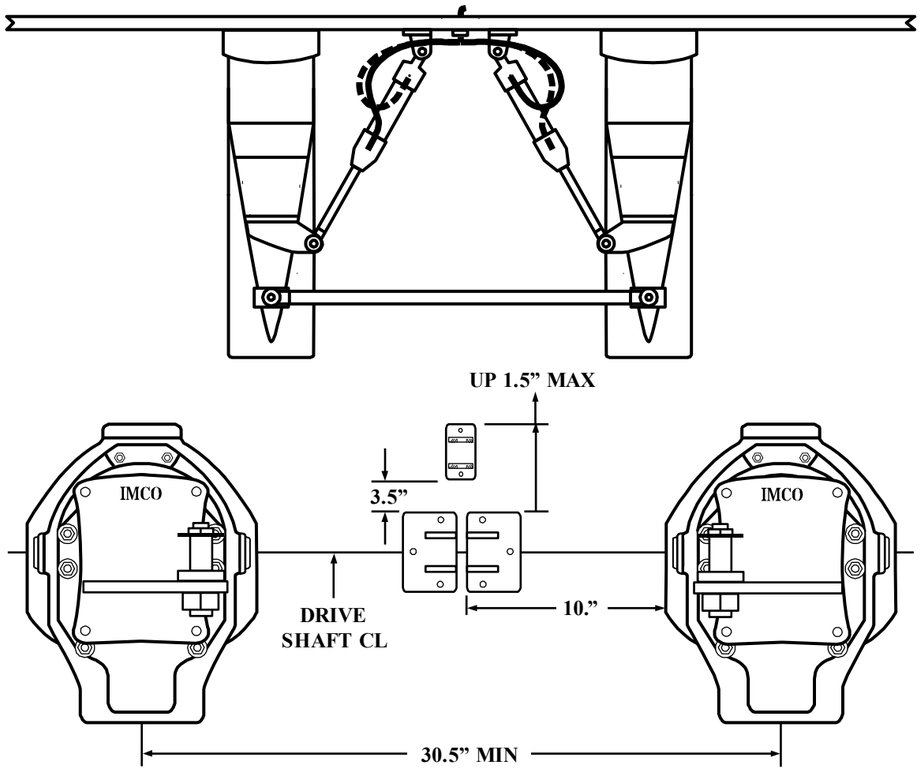


P/N	STEERING KIT	PRICE
SA-24-R	STER KIT 2 TRS', 2 RAMS BET, 10." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	4
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
SR-8-1-13	STER RAM ASSEMBLY	2
WP-6-RT	WING PLATE KIT	1
WP-6-LT	WING PLATE KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

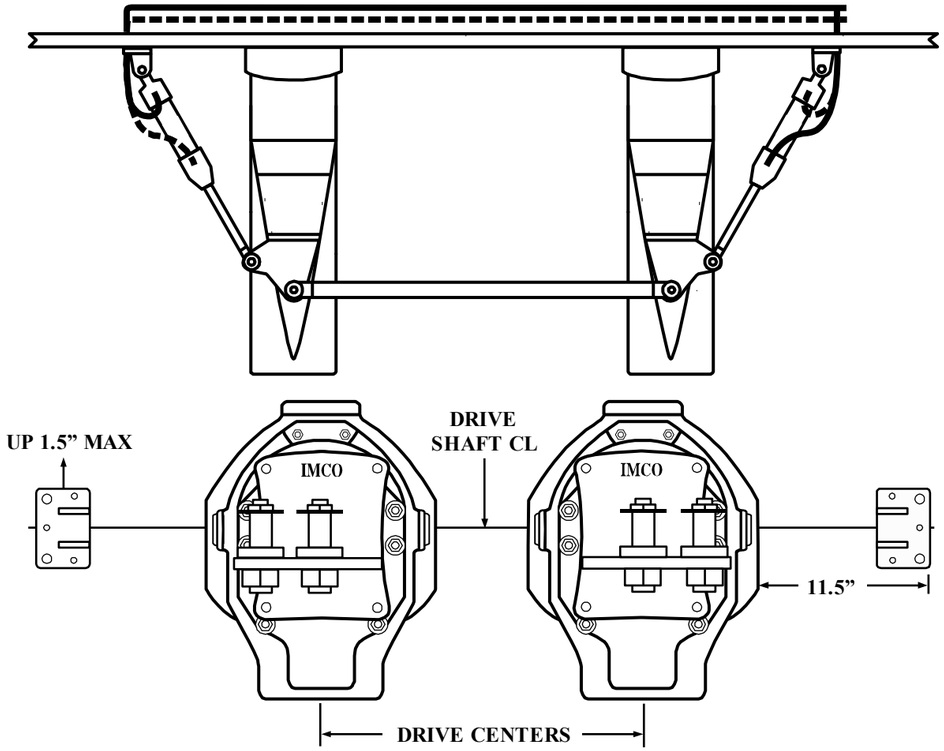


P/N	STEERING KIT	PRICE
SA-27-R	STEERING KIT 2 TRS', 2 RAMS BET, STK TIE BAR, 10." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
BT-3	BULKHEAD TUBE ASSEMBLY	1
HO-6	HOSE ASSEMBLY	4
SR-8-1-13	STER RAM ASSEMBLY	2
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-6-R	WING PLATE KIT	1
WP-6-L	WING PLATE KIT	1



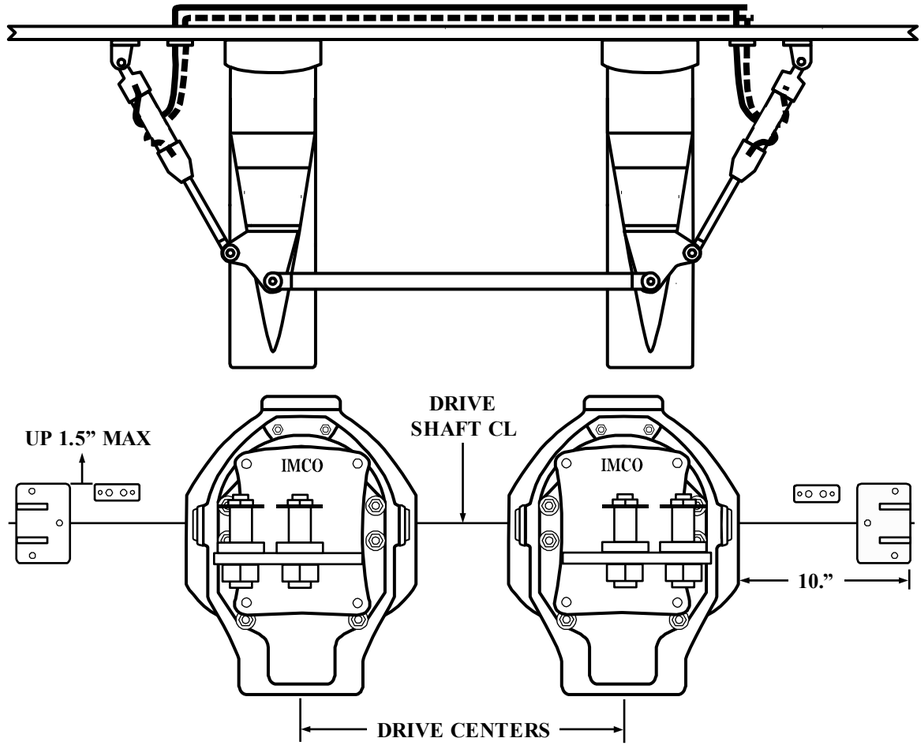
P/N	STEERING KIT	PRICE
SA-23	STER KIT 2 TRS', 2 RAMS OUT, 11.5" TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-21	TRANSOM BRACKET KIT	1
TB-31	TRANSOM BRACKET KIT	1
WP-6-RT	WING PLATE KIT	1
WP-6-LT	WING PLATE KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	



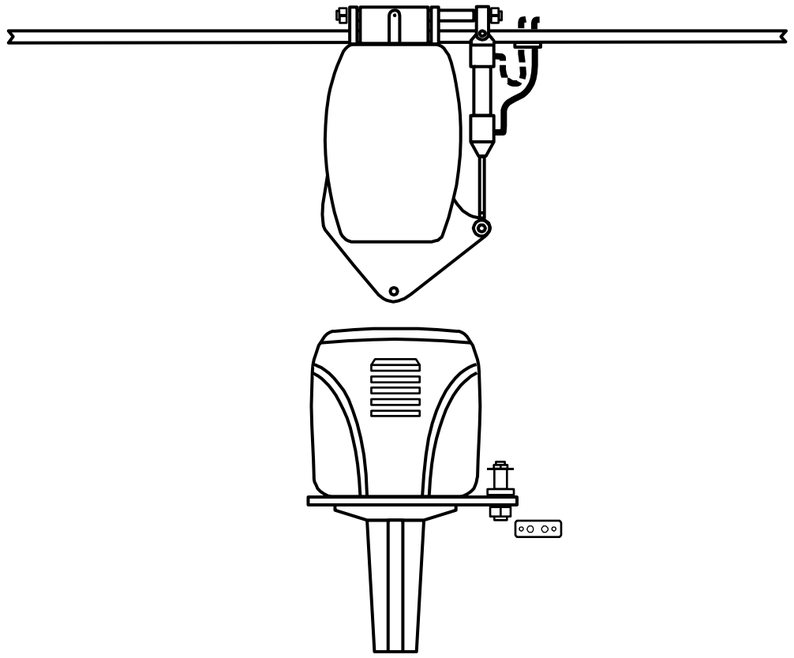
P/N	STEERING KIT	PRICE
SA-23-R	STER KIT 2 TRS', 2 RAMS OUT, 10." TRANSOM BRACKET LOCATION	
	PARTS	**QTY**
FA-16	ADAPTER -6 JIC SWIVEL T	2
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-33	ADAPTER -6 JIC SWIVEL 45°	4
BT-1	BULKHEAD TUBE ASSEMBLY	2
HO-6	HOSE ASSEMBLY	4
HO-1	HOSE 5/16" HP FIELD ATTACH	360"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-1-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TB-22	TRANSOM BRACKET KIT	1
TB-32	TRANSOM BRACKET KIT	1
WP-6-RT	WING PLATE KIT	1
WP-6-LT	WING PLATE KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	



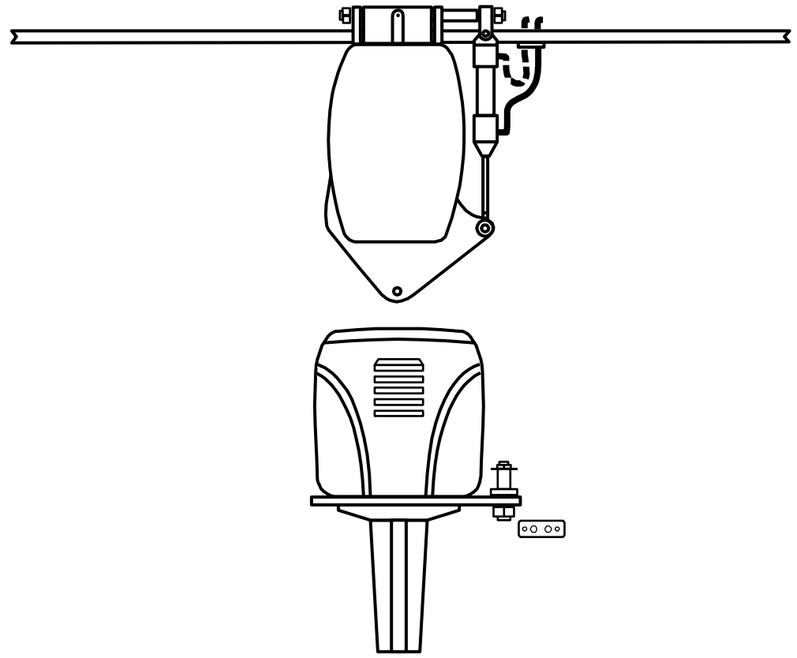
P/N	STEERING KIT	PRICE
SA-71	STER KIT 1 MERCURY 2.5 EFI MOTOR, 1 RAM	
	PARTS	**QTY**
FA-57	ADAPTER -6 JIC SWIVEL TO -8 JIC 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-1	HOSE 5/16" HP FIELD ATTACH	72"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	1
TP-1	TILT PIN ASSEMBLY	1
WP-9-LR	WING PLATE KIT	1

NOTE: WHEN ORDERING FOR A SHORT SHAFT MOTOR
CHANGE THE STER RAM ASSEMBLY TO SR-8-5-15



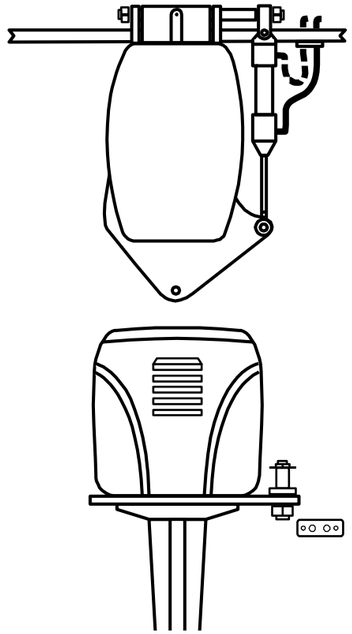
P/N	STEERING KIT	PRICE
SA-73	STER KIT 1 MERCURY 300 X MOTOR, 1 RAM	
	PARTS	**QTY**
FA-57	ADAPTER -6 JIC SWIVEL TO -8 JIC 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-1	HOSE 5/16" HP FIELD ATTACH	72"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	1
TP-1	TILT PIN ASSEMBLY	1
WP-11-LR	WING PLATE KIT	1

NOTE: WHEN ORDERING FOR A SHORT SHAFT MOTOR
CHANGE THE STER RAM ASSEMBLY TO SR-8-5-15



P/N	STEERING KIT	PRICE
SA-82	STER KIT 1 EVINRUDE E-TEC 250 HO MOTOR, 1 RAM	
	PARTS	**QTY**
FA-57	ADAPTER -6 JIC SWIVEL TO -8 JIC 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-1	HOSE 5/16" HP FIELD ATTACH	72"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	1
TP-8	TILT PIN ASSEMBLY	1
WP-25-LR	WING PLATE KIT	1

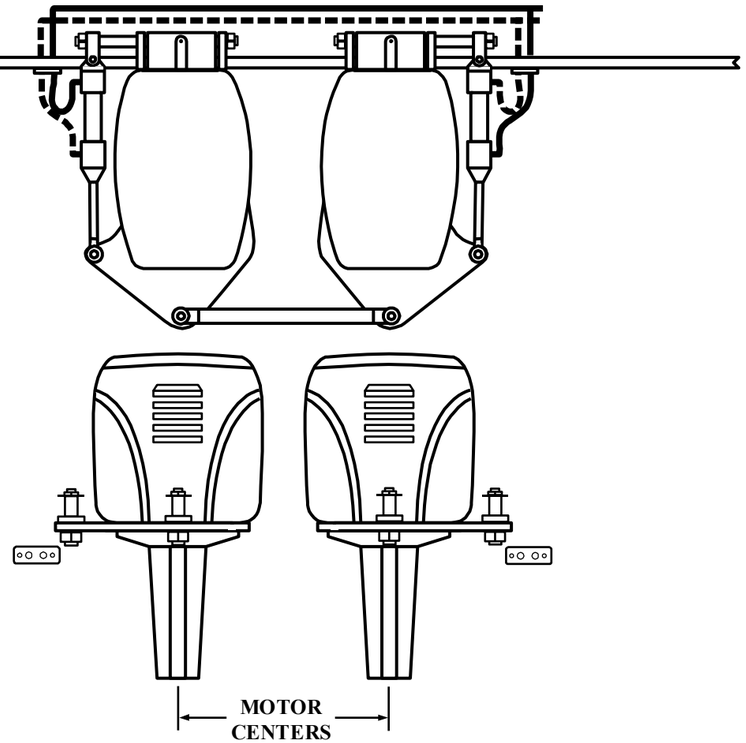
P/N	STEERING KIT	PRICE
SA-74	STER KIT 1 MERCURY 200, 225, 250, 300 XS MOTOR, 1 RAM	
	PARTS	**QTY**
FA-57	ADAPTER -6 JIC SWIVEL TO -8 JIC 90°	2
BT-1	BULKHEAD TUBE ASSEMBLY	1
HO-1	HOSE 5/16" HP FIELD ATTACH	72"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	1
TP-1	TILT PIN ASSEMBLY	1
WP-26-LR	WING PLATE KIT	1



P/N	STEERING KIT	PRICE
SA-91	STER KIT 2 MERCURY 2.5 EFI MOTORS, 2 RAMS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUNS T	2
FA-20	ADAPTER -6 JIC CAP	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-13	CLEVIS STUD ASSEMBLY	2
HO-1	HOSE 5/16" HP FIELD ATTACH	384"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TP-1	TILT PIN ASSEMBLY	2
WP-9-LR	WING PLATE KIT	2

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

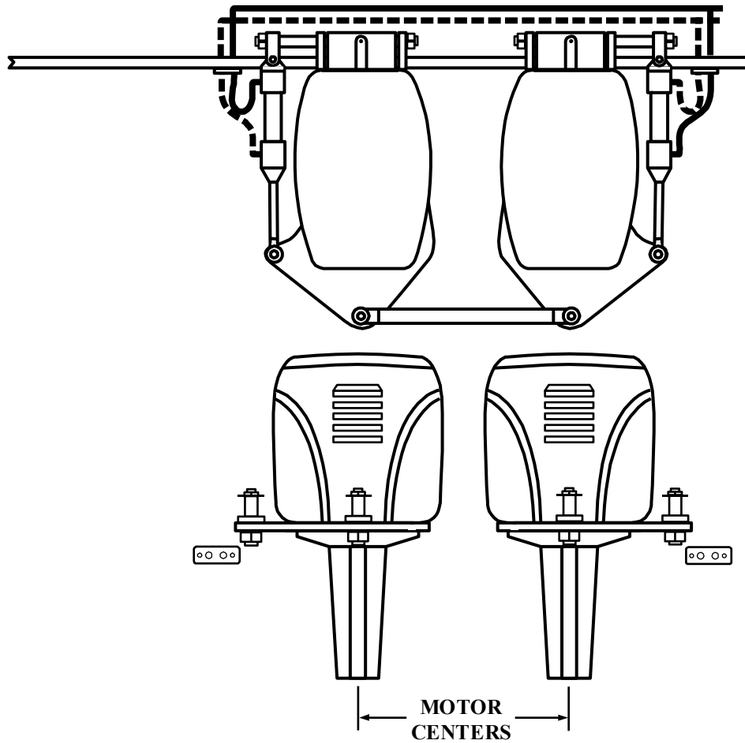
NOTE: WHEN ORDERING FOR A SHORT SHAFT MOTOR CHANGE THE STER RAM ASSEMBLY TO SR-8-5-15



P/N	STEERING KIT	PRICE
SA-93	STER KIT 2 MERCURY 300 X MOTORS, 2 RAMS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUNS T	2
FA-20	ADAPTER -6 JIC CAP	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-13	CLEVIS STUD ASSEMBLY	2
HO-1	HOSE 5/16" HP FIELD ATTACH	384"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TP-1	TILT PIN ASSEMBLY	2
WP-11-LR	WING PLATE KIT	2

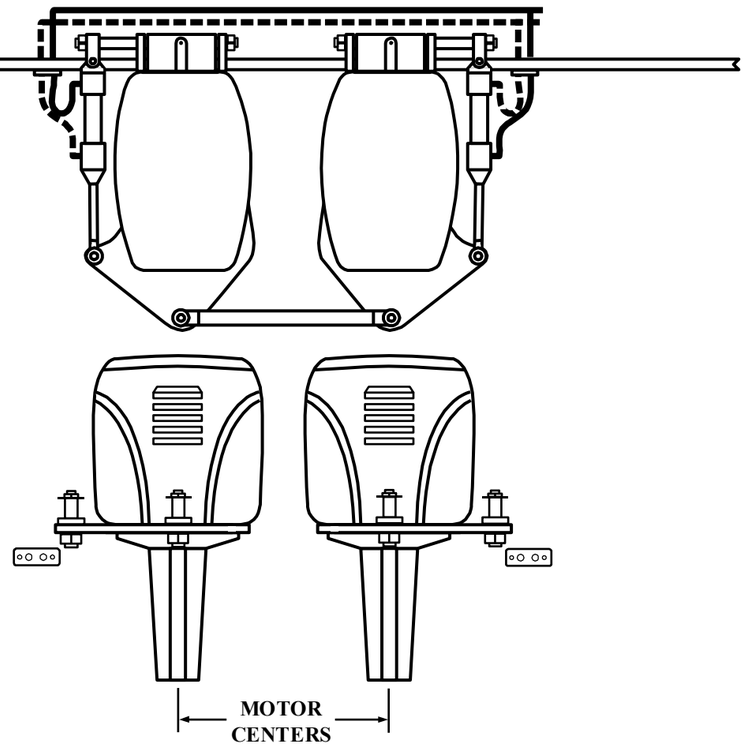
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

NOTE: WHEN ORDERING FOR A SHORT SHAFT MOTOR CHANGE THE STER RAM ASSEMBLY TO SR-8-5-15



P/N	STEERING KIT	PRICE
SA-94	STER KIT 2 MERCURY 200, 225, 250, 300 XS MOTORS, 2 RAMS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUNS T	2
FA-20	ADAPTER -6 JIC CAP	2
BT-1	BULKHEAD ASSEMBLY	2
MP-13	CLEVIS STUD ASSEMBLY	2
HO-1	HOSE 5/16" HP FIELD ATTACH	384"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	1
TP-1	TILT PIN ASSEMBLY	2
WP-26-LR	WING PLATE KIT	2

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

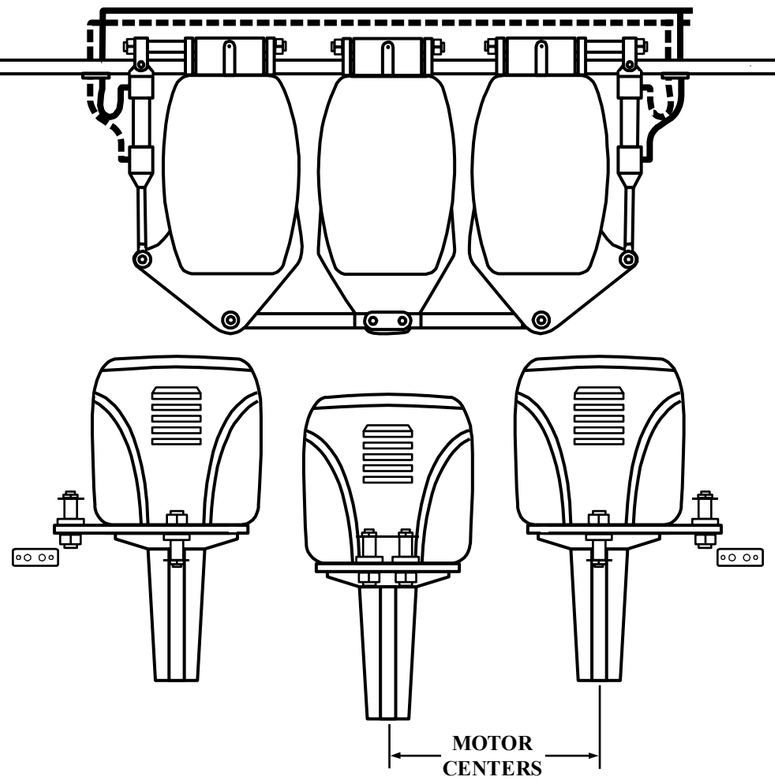


P/N	STEERING KIT	PRICE
SA-81	STER KIT 3 MERCURY 2.5 EFI MOTORS, 2 RAMS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUNS T	2
FA-20	ADAPTER -6 JIC CAP	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-13	CLEVIS STUD ASSEMBLY	2
HO-1	HOSE 5/16" HP FIELD ATTACH	384"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	2
TP-1	TILT PIN ASSEMBLY	2
WP-9-LR	WING PLATE KIT	2
WP-9-C	WING PLATE KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

NOTE: WHEN ORDERING FOR A SHORT SHAFT MOTOR CHANGE THE STER RAM ASSEMBLY TO SR-8-5-15

NOTE: TIE BARS ARE LEVEL AT 3.000" OF DROP TO THE CENTER MOTOR.

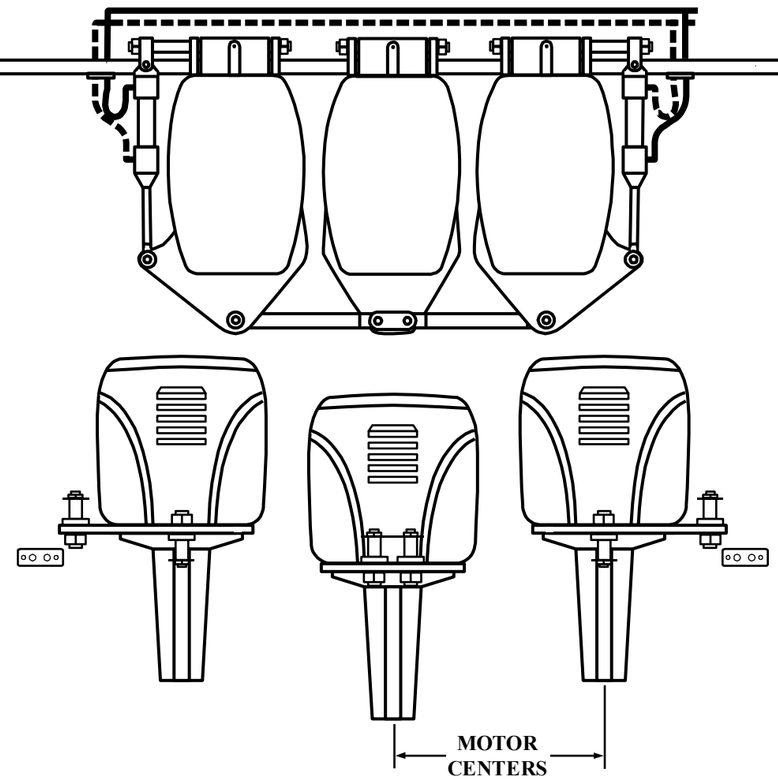


P/N	STEERING KIT	PRICE
SA-83	STER KIT 3 MERCURY 300 X MOTORS, 2 RAMS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUNS T	2
FA-20	ADAPTER -6 JIC CAP	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-13	CLEVIS STUD ASSEMBLY	2
HO-1	HOSE 5/16" HP FIELD ATTACH	384"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	2
TP-1	TILT PIN ASSEMBLY	2
WP-11-LR	WING PLATE KIT	2
WP-11-C	WING PLATE KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

NOTE: WHEN ORDERING FOR A SHORT SHAFT MOTOR CHANGE THE STER RAM ASSEMBLY TO SR-8-5-15

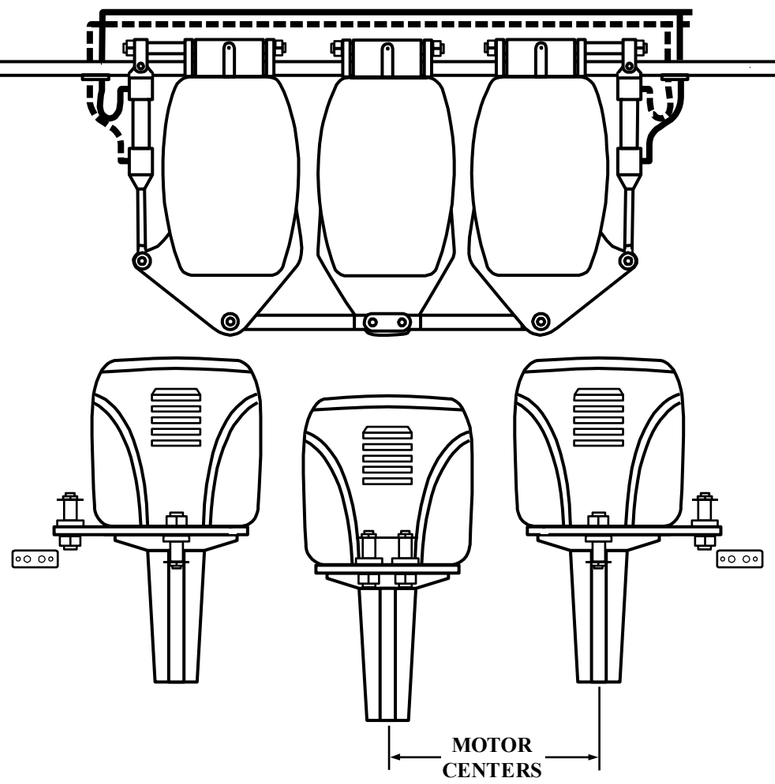
NOTE: TIE BARS ARE LEVEL AT 3.000" OF DROP TO THE CENTER MOTOR.



P/N	STEERING KIT	PRICE
SA-84	STER KIT 3 MERCURY 200, 225, 250, 300 XS MOTORS, 2 RAMS	
	PARTS	**QTY**
FA-6	ADAPTER -6 JIC SWIVEL 90°	2
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUNS T	2
FA-20	ADAPTER -6 JIC CAP	2
BT-1	BULKHEAD TUBE ASSEMBLY	2
MP-13	CLEVIS STUD ASSEMBLY	2
HO-1	HOSE 5/16" HP FIELD ATTACH	384"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-35	HOSE FITTING MANDREL -6 JIC	1
SR-8-5-13	STER RAM ASSEMBLY	2
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS	2
TP-1	TILT PIN ASSEMBLY	2
WP-26-LR	WING PLATE KIT	2
WP-26-C	WING PLATE KIT	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
TB-2	TIE BAR PER INCH	

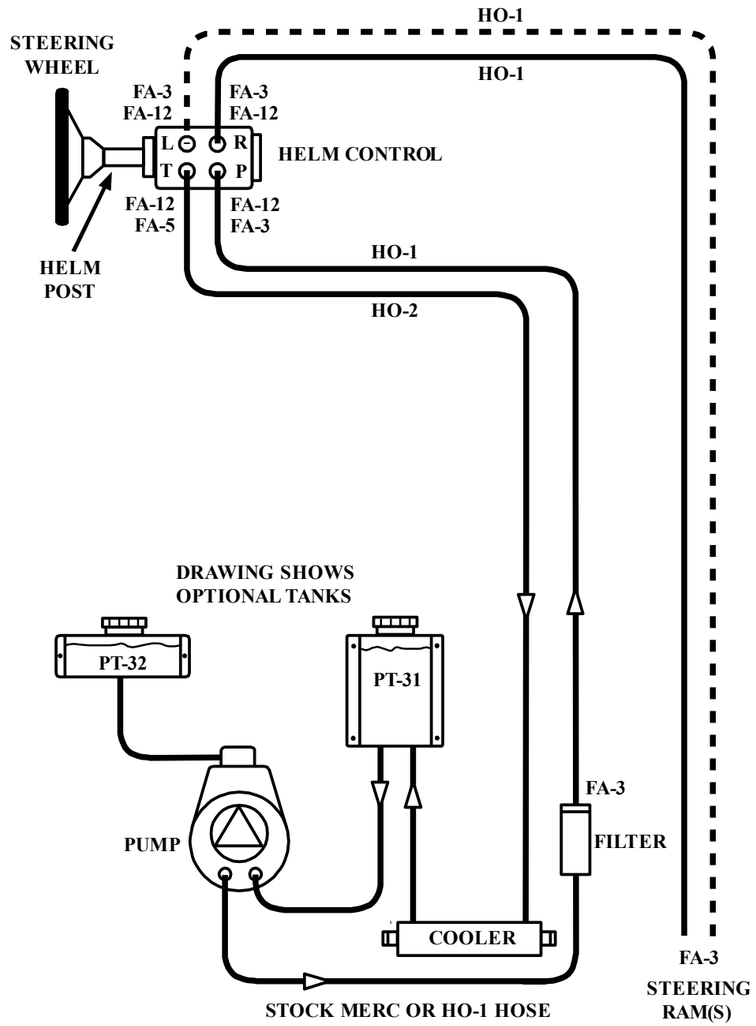
TIE BARS ARE LEVEL AT 3.000" OF DROP TO THE CENTER MOTOR.



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "2.94 TURNS LOCK TO LOCK"	PRICE
HK-1	HOSE KIT 1 SR-8-5-13 RAM, 1 PUMP, 1 HELM	
	PARTS	**QTY**
FA-12	ADAPTER 3/4" O-RING TO -6 JIC	4
HC-1	HELM CONTROL 75 CC	1
HO-1	HOSE 5/16" HP FIELD ATTACH	720"
HO-2	HOSE 3/8" LP PUSHLOC	240"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	6
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	OIL FILTER	
PT-28	OIL FILTER **14 MM FM O-RING** IN, -6 JIC OUT (BRAZIL 1994 & LATER)	
PT-29	OIL FILTER **7/16" FM FLAIR** IN, -6 JIC OUT (SAGINAW 1994 & EARLIER)	
PT-27	OIL FILTER **-6 JIC** IN, -6 JIC OUT (CUSTOM OR MERC HP 2007/2008)	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	
	ADAPTERS	
FA-67	ADAPTER 16 MM TO -6 JIC **90°**	
FA-8-P	ADAPTER 16 MM TO -6 JIC **STRAIGHT**	
FA-6	ADAPTER -6 JIC SWIVEL 90° 316 SS	
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	
	OIL TANK	
PT-31	OIL TANK KIT 1 PUMP **RECIRCULATING**	
PT-32	OIL TANK KIT 1 PUMP **RESERVOIR**	

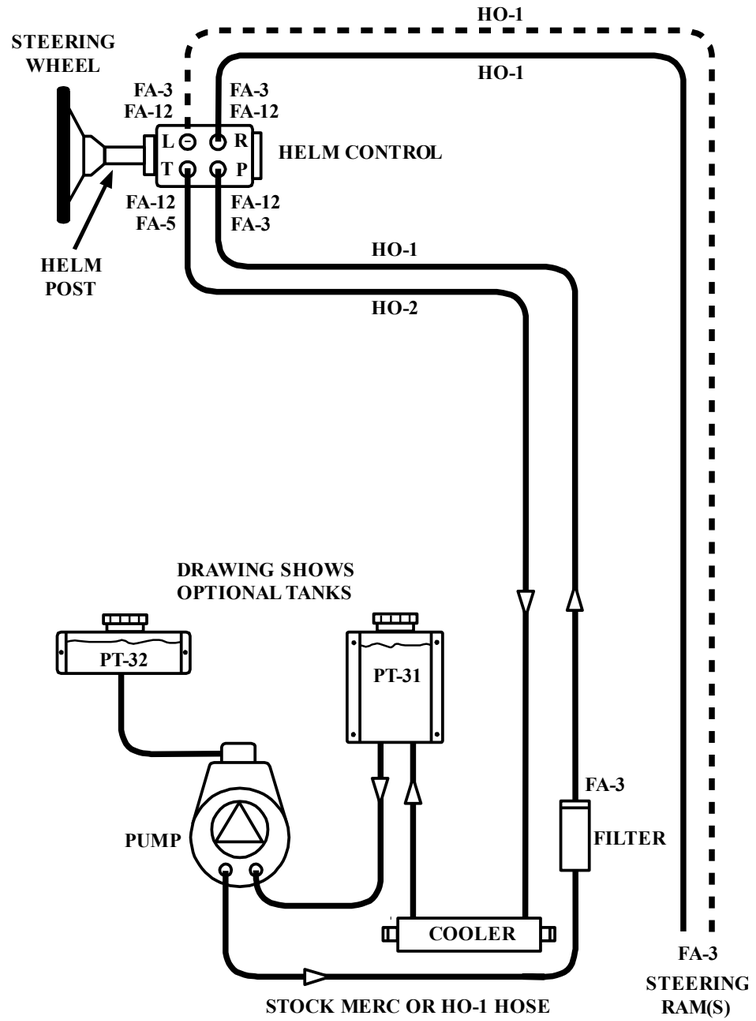
HK-1, 2, 16 HOSE KT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.25 TURNS LOCK TO LOCK"	PRICE
HK-2	HOSE KIT 2 SR-8-1-13 RAMS, 1 PUMP, 1 HELM	
	PARTS	**QTY**
FA-12	ADAPTER 3/4" O-RING TO -6 JIC	4
HC-2	HELM CONTROL 120 CC	1
HO-1	HOSE 5/16" HP FIELD ATTACH	720"
HO-2	HOSE 3/8" LP PUSHLOC	240"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	6
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	OIL FILTER	
PT-28	OIL FILTER **14 MM FM O-RING** IN, -6 JIC OUT (BRAZIL 1994 & LATER)	
PT-29	OIL FILTER **7/16" FM FLAIR** IN, -6 JIC OUT (SAGINAW 1994 & EARLIER)	
PT-27	OIL FILTER **-6 JIC** IN, -6 JIC OUT (CUSTOM OR MERC HP 2007/2008)	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	
	ADAPTERS	
FA-67	ADAPTER 16 MM TO -6 JIC **90°**	
FA-8-P	ADAPTER 16 MM TO -6 JIC **STRAIGHT**	
FA-6	ADAPTER -6 JIC SWIVEL 90° 316 SS	
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	
	OIL TANK	
PT-31	OIL TANK KIT 1 PUMP **RECIRCULATING**	
PT-32	OIL TANK KIT 1 PUMP **RESERVOIR**	

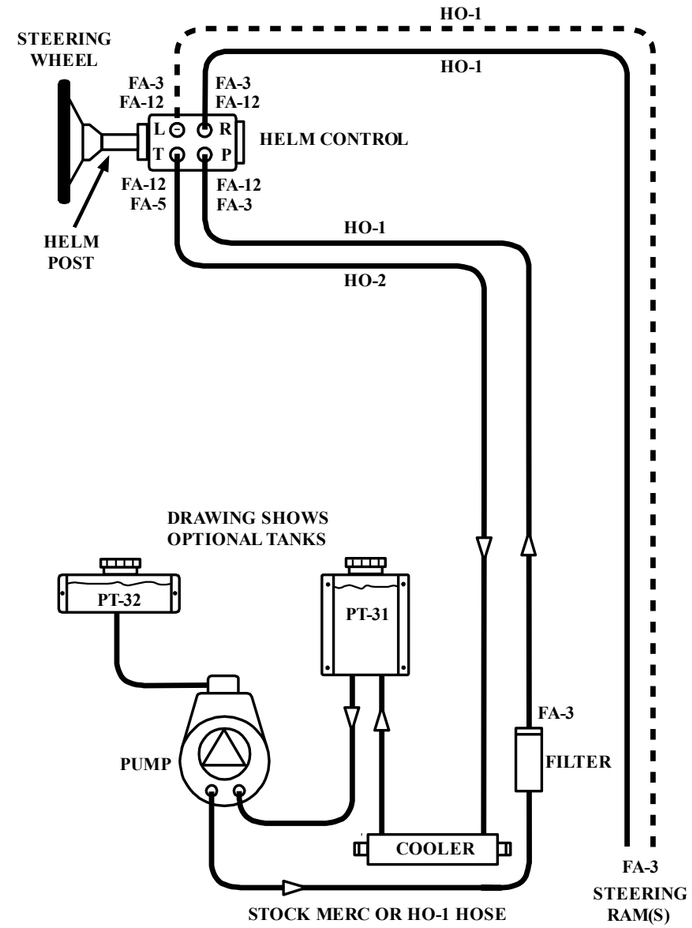
HK-1, 2, 16 HOSE KT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "2.84 TURNS LOCK TO LOCK"	PRICE
HK-16	HOSE KIT 2 SR-6-1-12 RAMS OR 1 IMCO X-GIMBAL, 1 PUMP, 1 HELM	
	PARTS	**QTY**
FA-12	ADAPTER 3/4" O-RING TO -6 JIC	4
HC-7	HELM CONTROL 95 CC	1
HO-1	HOSE 5/16" HP FIELD ATTACH	720"
HO-2	HOSE 3/8" LP PUSHLOC	240"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	6
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	OIL FILTER	
PT-28	OIL FILTER **14 MM FM O-RING** IN, -6 JIC OUT (BRAZIL 1994 & LATER)	
PT-29	OIL FILTER **7/16" FM FLAIR** IN, -6 JIC OUT (SAGINAW 1994 & EARLIER)	
PT-27	OIL FILTER **-6 JIC** IN, -6 JIC OUT (CUSTOM OR MERC HP 2007/2008)	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	
	ADAPTERS	
FA-67	ADAPTER 16 MM TO -6 JIC **90°**	
FA-8-P	ADAPTER 16 MM TO -6 JIC **STRAIGHT**	
FA-6	ADAPTER -6 JIC SWIVEL 90° 316 SS	
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	
	OIL TANK	
PT-31	OIL TANK KIT 1 PUMP **RECIRCULATING**	
PT-32	OIL TANK KIT 1 PUMP **RESERVOIR**	

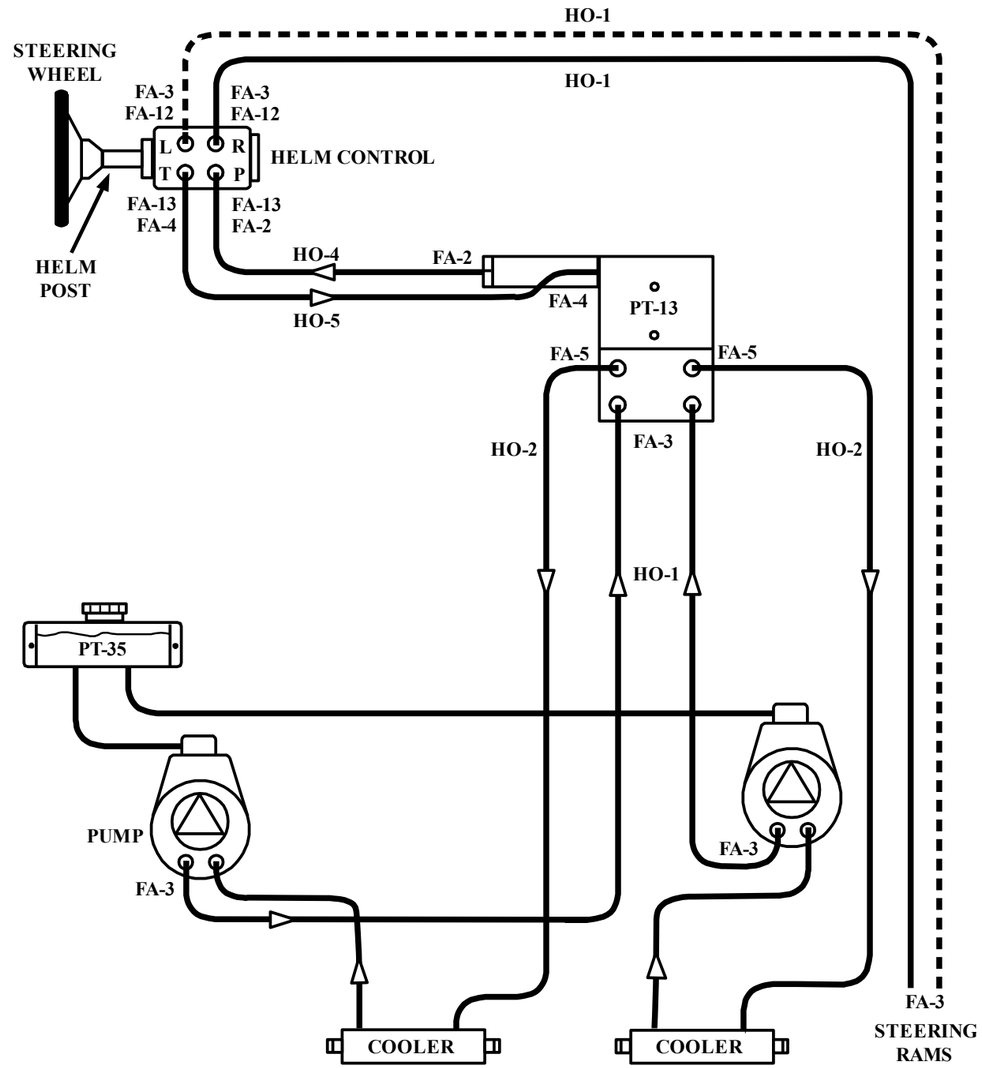
HK-1, 2, 16 HOSE KT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.25 TURNS LOCK TO LOCK"	PRICE
HK-14	HOSE KIT 2 SR-8-1-13 RAMS, 2 PUMPS, 1 HELM	
	PARTS	**QTY**
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	2
FA-12	ADAPTER 3/4" O-RING TO -6 JIC	2
HC-2	HELM CONTROL 120 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	360"
HO-1	HOSE 5/16" HP FIELD ATTACH	1020"
HO-5	HOSE 1/2" LP PUSHLOC	360"
HO-2	HOSE 3/8" LP PUSHLOC	180"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	2
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	8
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	2
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	2
FA-1	HOSE FITTING MANDREL -8 JIC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-13	VALVE ASSEMBLY 2 PUMP	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	ADAPTERS	
FA-67	ADAPTER 16 MM TO -6 JIC **90°**	
FA-8-P	ADAPTER 16 MM TO -6 JIC **STRAIGHT**	
	OIL TANK	
PT-35	OIL TANK KIT 2 PUMP **RESERVOIR**	
PT-36	OIL TANK KIT 2 PUMP **RECIRCULATING**	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

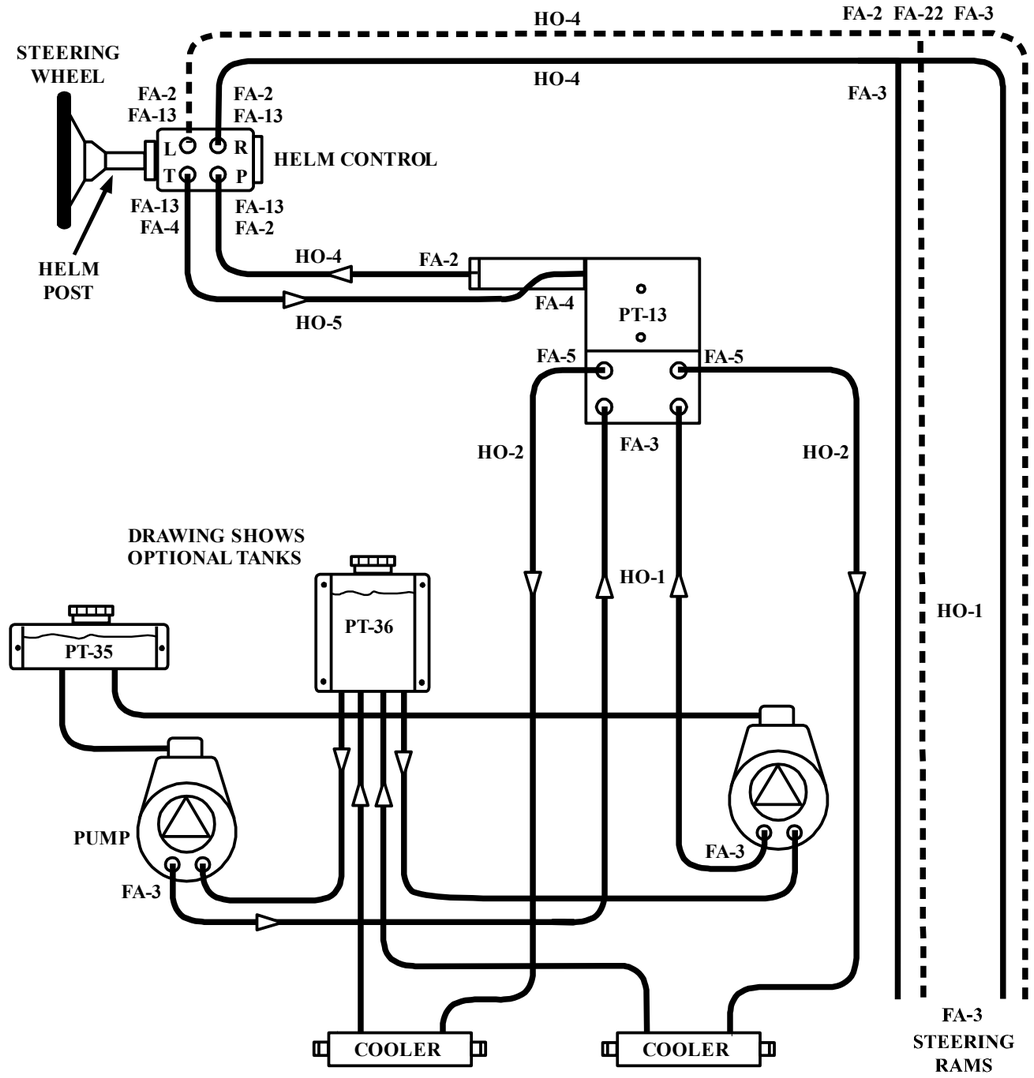
HK-14 HOSE KIT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "2.91 TURNS LOCK TO LOCK"	PRICE
HK-19	HOSE KIT 4 SR-6-1-12 RAMS OR 2 IMCO X-GIMBALS, 2 PUMPS, 1 HELM	
	PARTS	**QTY**
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	4
FA-22	ADAPTER -6 JIC BRANCH -6 JIC -8 JIC RUNS MALE T	2
HC-9	HELM CONTROL 185 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	720"
HO-1	HOSE 5/16" HP FIELD ATTACH	720"
HO-5	HOSE 1/2" LP PUSHLOC	360"
HO-2	HOSE 3/8" LP PUSHLOC	180"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	6
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	12
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	2
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	2
FA-1	HOSE FITTING MANDREL -8 JIC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-13	VALVE ASSEMBLY 2 PUMP	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	OIL TANK	
PT-35	OIL TANK KIT 2 PUMP **RESERVOIR**	
PT-36	OIL TANK KIT 2 PUMP **RECIRCULATING**	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	
	ADAPTERS	
FA-67	ADAPTER 16 MM TO -6 JIC **90°**	
FA-8-P	ADAPTER 16 MM TO -6 JIC **STRAIGHT**	

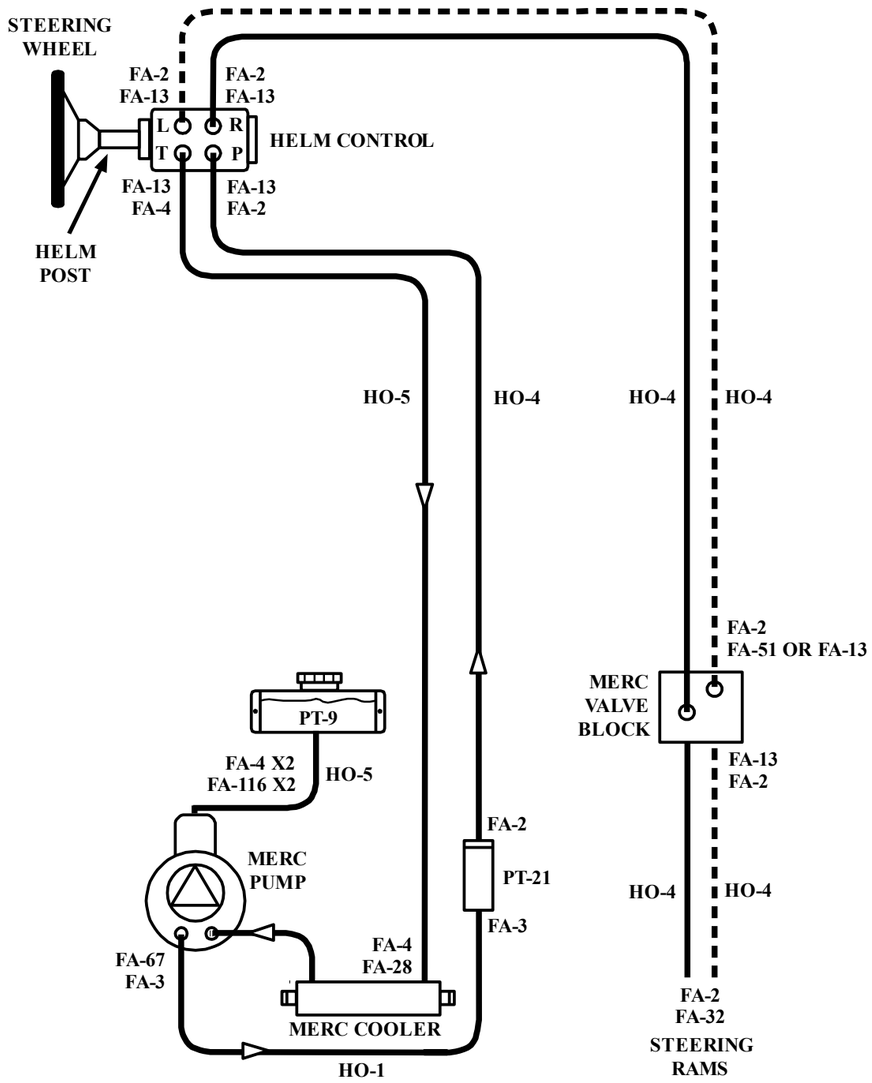
HK-19 HOSE KIT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3 TURNS LOCK TO LOCK"	PRICE
HK-3-A	HOSE KIT 1 SPEED MASTER 6A DRIVE, 1 PUMP, 1 HELM, (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	2
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	8
FA-28	ADAPTER 1/2" MP TO -8 JIC	1
FA-116	ADAPTER 3/8" MP TO -8 JIC 90°	2
FA-67	ADAPTER 16 MM BANJO TO -6 JIC 90°	1
FA-32	ADAPTER -8 JIC SWIVEL 45°	2
HC-3	HELM CONTROL 160 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	720"
HO-1	HOSE 5/16" HP FIELD ATTACH	96"
HO-5	HOSE 1/2" LP PUSHLOC	240"
FA-2	HOSE FITTING -8 JIC TO 13/32° HP FIELD ATTACH	10
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	2
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	4
FA-1	HOSE FITTING MANDREL -8 JIC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-21	OIL FILTER ASSEMBLY	1
PT-9	OIL TANK ASSEMBLY	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

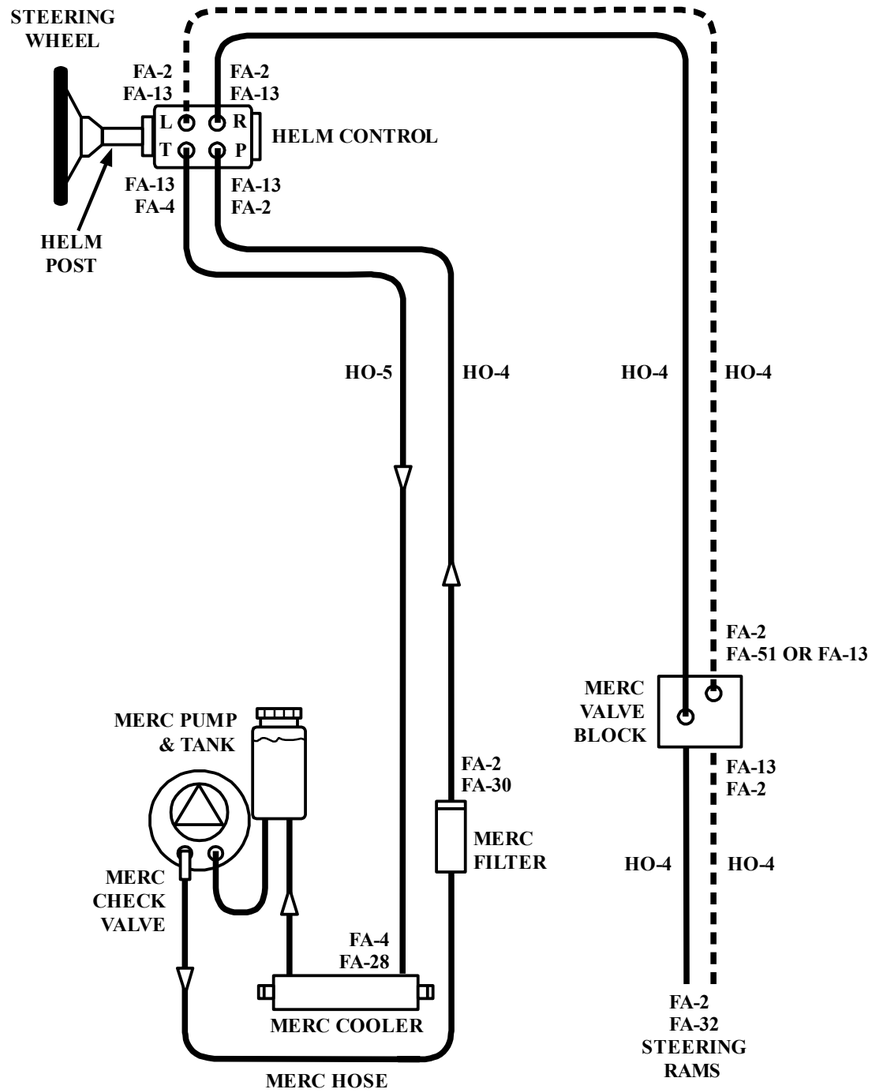
HK-3-A HOSE KIT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3 TURNS LOCK TO LOCK"	PRICE
HK-27-A	HOSE KIT 1 NXT, 1 PUMP, 1 HELM (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	2
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	8
FA-28	ADAPTER 1/2" MP TO -8 JIC	1
FA-30	ADAPTER 3/8" MP TO -8 JIC	1
FA-32	ADAPTER -8 JIC SWIVEL 45°	2
HC-3	HELM CONTROL 160 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	720"
HO-5	HOSE 1/2" LP PUSHLOC	240"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	10
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	2
FA-1	HOSE FITTING MANDREL -8 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

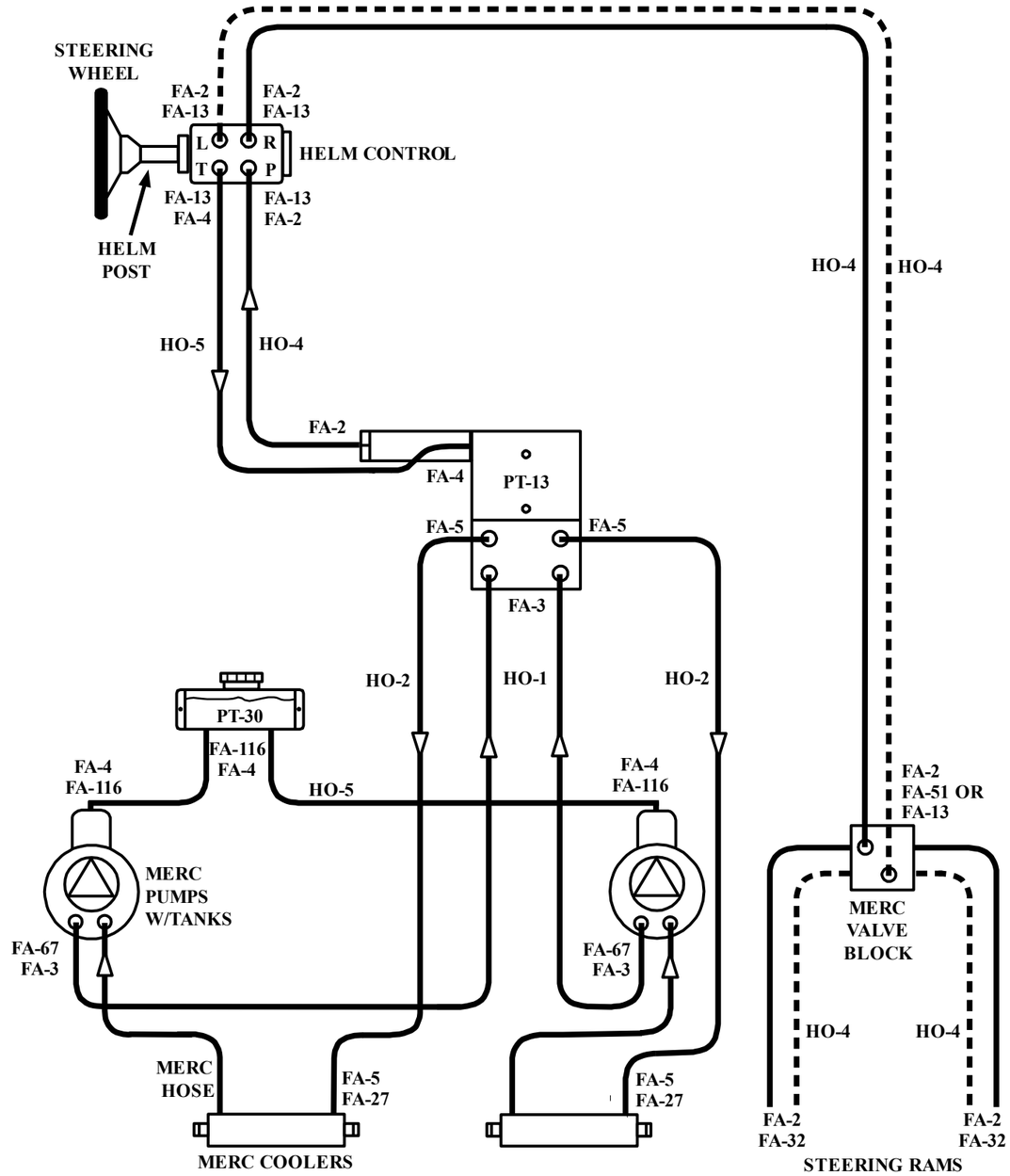
HK-6-A, HK-27-A HOSE KITS



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.25 TURNS LOCK TO LOCK"	PRICE
HK-15-A	HOSE KIT 2 SPEED MASTER 6A'S, 2 PUMPS, 1 HELM (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	2
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	10
FA-27	ADAPTER 1/2" MP TO -6 JIC	2
FA-116	ADAPTER 3/8" MP TO -8 JIC 90°	4
FA-67	ADAPTER 16 MM BANJO TO -6 JIC 90°	2
FA-32	ADAPTER -8 JIC SWIVEL 45°	4
HC-10	HELM CONTROL 295 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	1200"
HO-1	HOSE 5/16" HP FIELD ATTACH	180"
HO-5	HOSE 1/2" LP PUSHLOC	480"
HO-2	HOSE 3/8" LP PUSHLOC	180"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	14
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	6
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	4
FA-1	HOSE FITTING MANDREL -8 JIC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-30	OIL TANK ASSEMBLY	1
PT-13	VALVE ASSEMBLY 2 PUMP	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

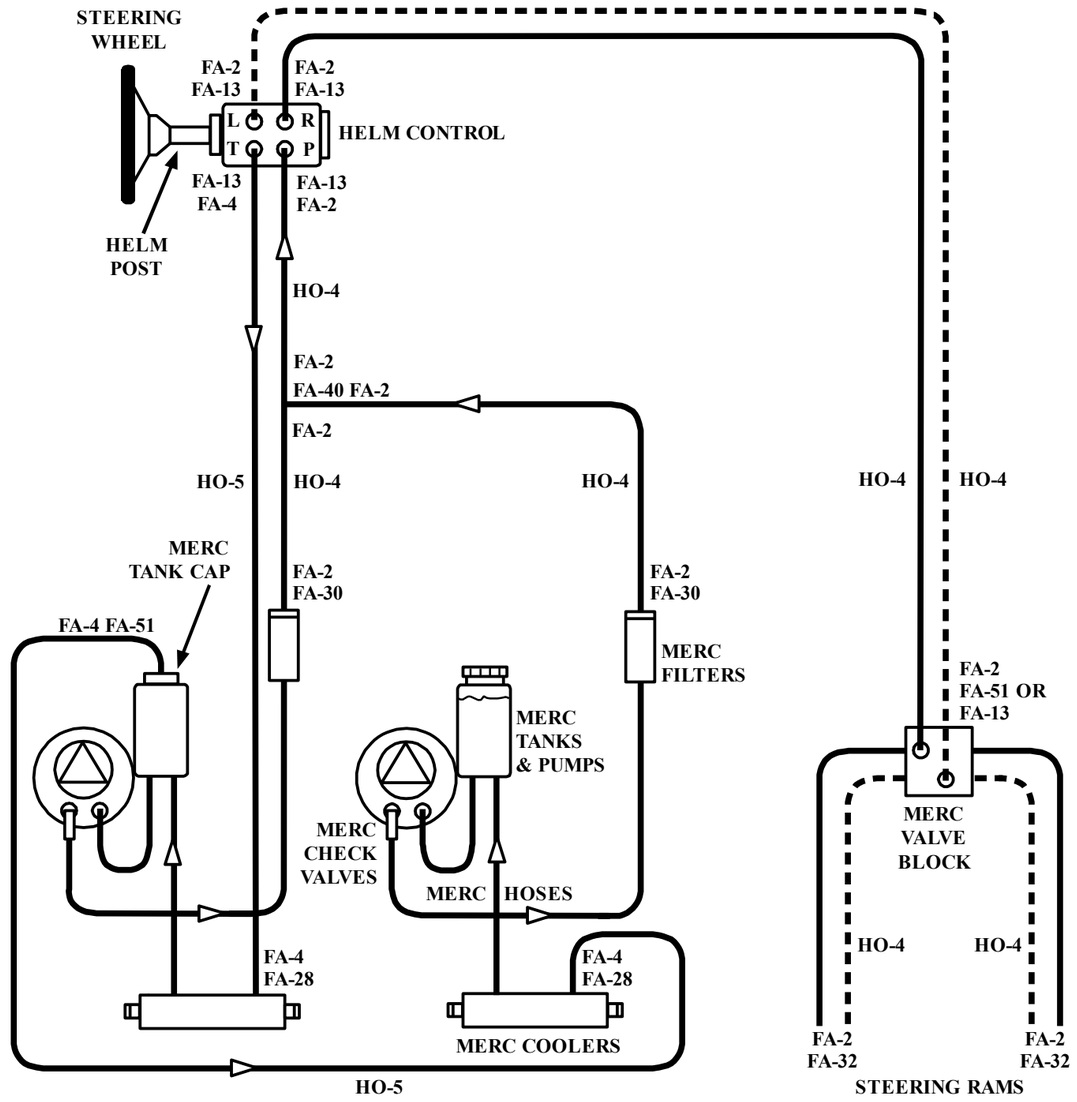
HK-15-A HOSE KIT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.25 TURNS LOCK TO LOCK"	PRICE
HK-28-A	HOSE KIT 2 NXT'S, 2 PUMPS, 1 HELM (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	3
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	10
FA-28	ADAPTER 1/2" MP TO -8 JIC	2
FA-30	ADAPTER 3/8" MP TO -8 JIC	2
FA-40	ADAPTER -8 JIC MALE T	1
FA-32	ADAPTER -8 JIC SWIVEL 45°	4
HC-10	HELM CONTROL 295 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	1320"
HO-5	HOSE 1/2" LP PUSHLOC	420"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	18
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	4
FA-1	HOSE FITTING MANDREL -8 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

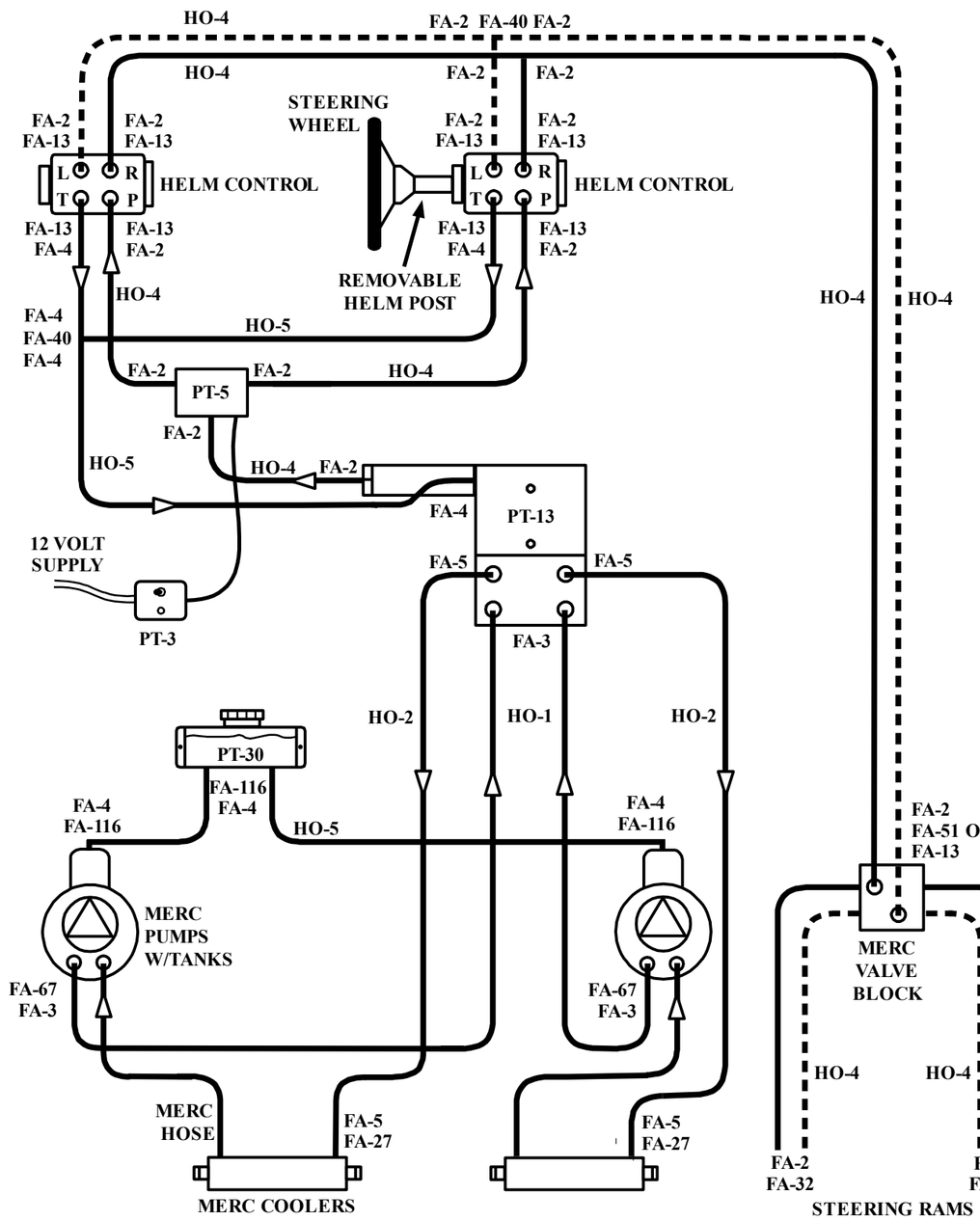
HK-8-A, 28-A HOSE KIT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.25 TURNS LOCK TO LOCK"	PRICE
HK-24-A	HOSE KIT 2 SPEED MASTER 6A'S, 2 PUMPS, 2 HELMS (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	2
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	14
FA-27	ADAPTER 1/2" MP TO -6 JIC	2
FA-116	ADAPTER 3/8" MP TO -8 JIC 90°	4
FA-67	ADAPTER 16 MM BANJO TO -6 JIC 90°	2
FA-40	ADAPTER -8 JIC MALE T	3
FA-32	ADAPTER -8 JIC SWIVEL 45°	4
HC-10	HELM CONTROL 295 CC 3/4"	2
HP-24	HELM POST REMOVABLE POST	1
HP-23	HELM POST REMOVABLE PLUG	1
HP-25	HELM POST REMOVABLE BASE	2
HO-4	HOSE 13/32" HP FIELD ATTACH	1740"
HO-1	HOSE 5/16" HP FIELD ATTACH	180"
HO-5	HOSE 1/2" LP PUSHLOC	600"
HO-2	HOSE 3/8" LP PUSHLOC	180"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	26
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	10
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	4
FA-1	HOSE FITTING MANDREL -8 JIC	1
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-30	OIL TANK ASSEMBLY	1
PT-13	VALVE ASSEMBLY 2 PUMP	1
PT-5	VALVE ASSEMBLY 2 HELM	1
PT-3	VALVE ASSEMBLY SWITCH	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

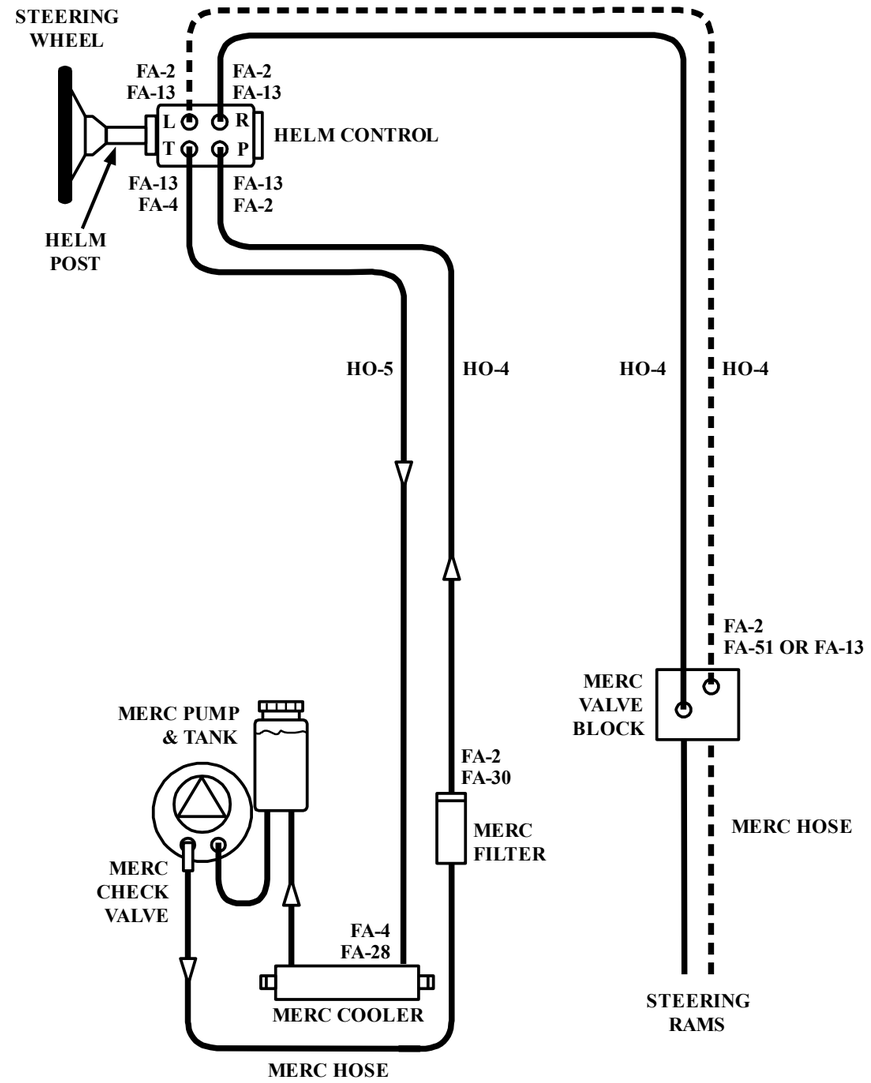
HK-24-A HOSE KIT



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.05 TURNS LOCK TO LOCK"	PRICE
HK-6-A	HOSE KIT 1 ITS, 1 PUMP, 1 HELM (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	2
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	8
FA-28	ADAPTER 1/2" MP TO -8 JIC	1
FA-30	ADAPTER 3/8" MP TO -8 JIC	1
FA-32	ADAPTER -8 JIC SWIVEL 45°	2
HC-7	HELM CONTROL 95 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	720"
HO-5	HOSE 1/2" LP PUSHLOC	240"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	10
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	2
FA-1	HOSE FITTING MANDREL -8 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

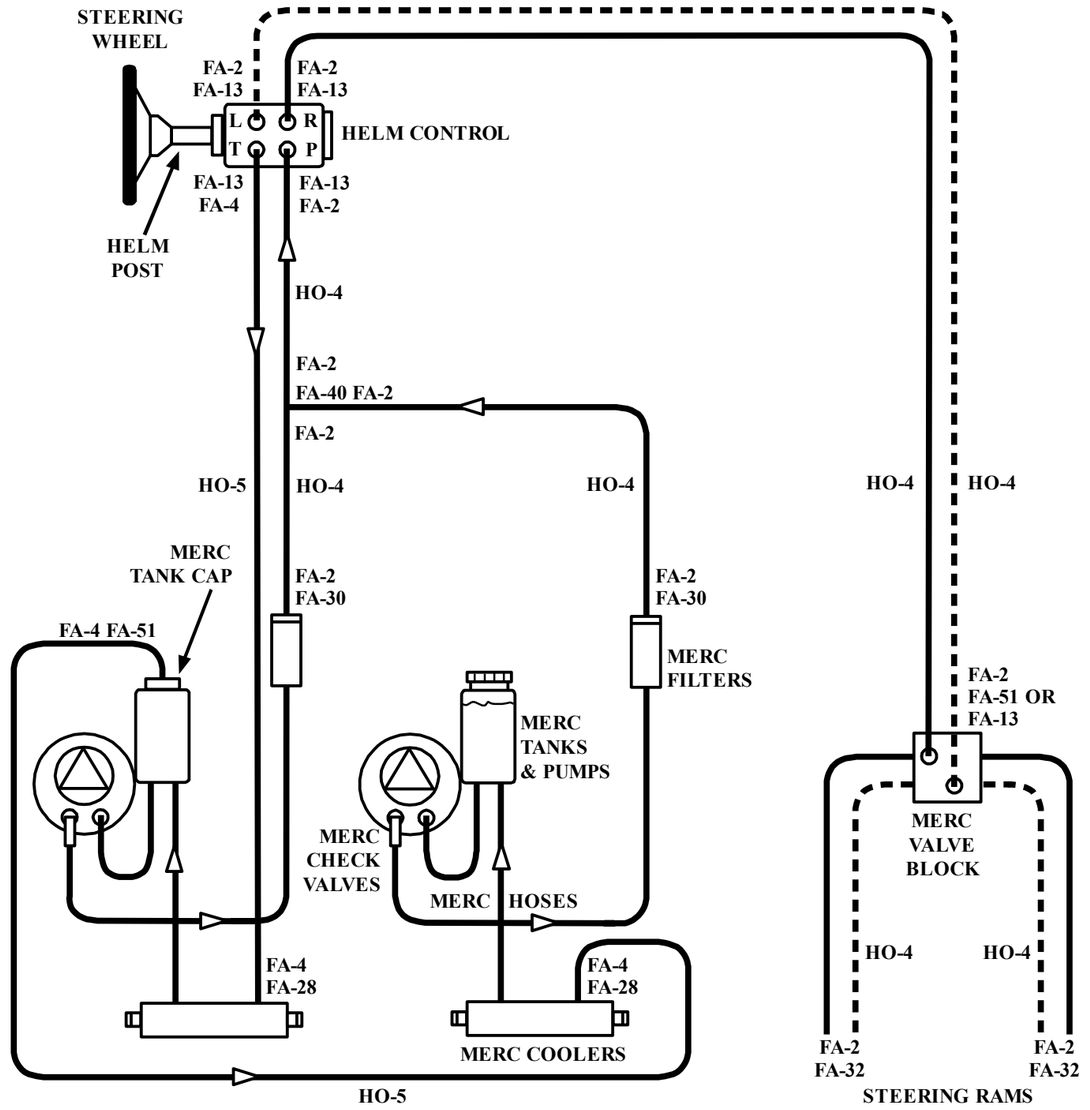
HK-6-A, HK-27-A HOSE KITS



P/N	HELM CONTROL & HOSE KIT "PUMP ASSIST" "3.13 TURNS LOCK TO LOCK"	PRICE
HK-8-A	HOSE KIT 2 ITS', 2 PUMPS, 1 HELM (2009 & LATER)	
	PARTS	**QTY**
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90°	3
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	10
FA-28	ADAPTER 1/2" MP TO -8 JIC	2
FA-30	ADAPTER 3/8" MP TO -8 JIC	2
FA-40	ADAPTER -8 JIC MALE T	1
FA-32	ADAPTER -8 JIC SWIVEL 45°	4
HC-9	HELM CONTROL 185 CC	1
HO-4	HOSE 13/32" HP FIELD ATTACH	1320"
HO-5	HOSE 1/2" LP PUSHLOC	420"
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH	18
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC	4
FA-1	HOSE FITTING MANDREL -8 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

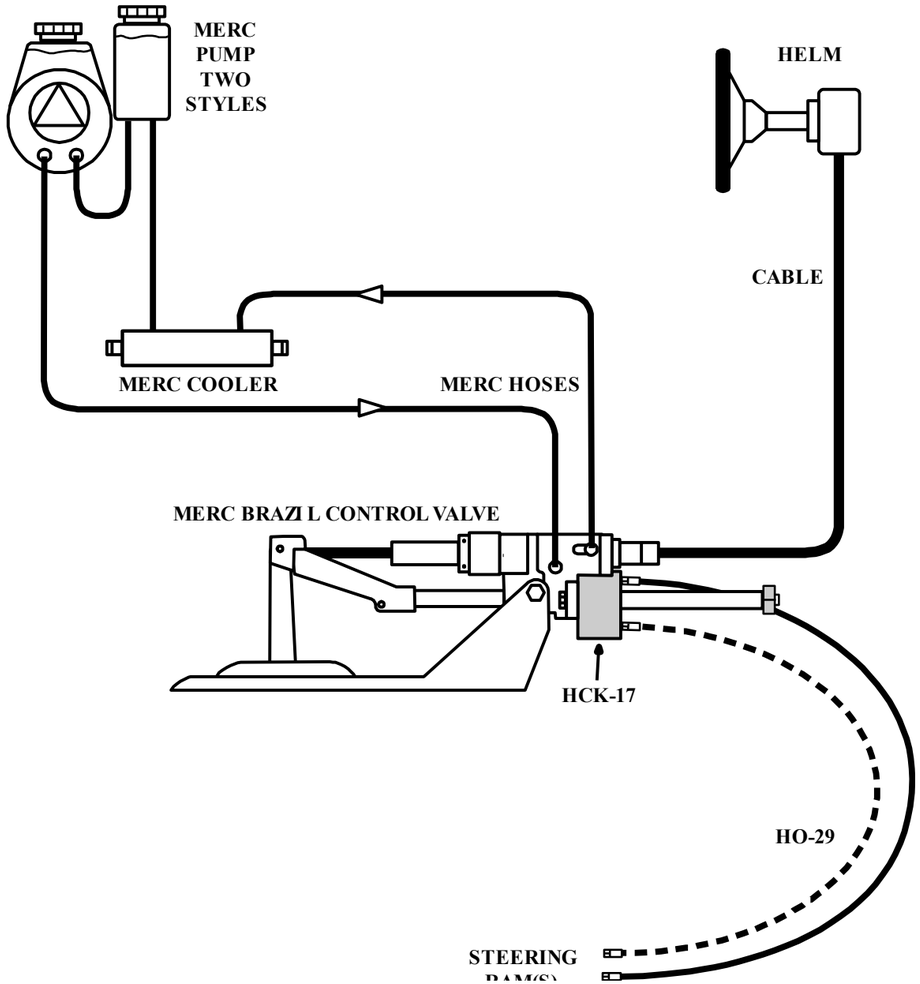
HK-8-A, 28-A HOSE KIT



P/N	HOSE KIT "STOCK BRAZIL VALVE"	PRICE
HK-11	HOSE KIT BRAZIL CONTROL VALVE, **SHORT HOSES**	
	PARTS	**QTY**
HCK-17	BRAZIL MANIFOLD ASSEMBLY	1
HO-29	HOSE ASSEMBLY	2

BRAZIL CONTROL VALVE
APPLIES TO ALL EFI ENGINE PACKAGES 1994 AND LATER

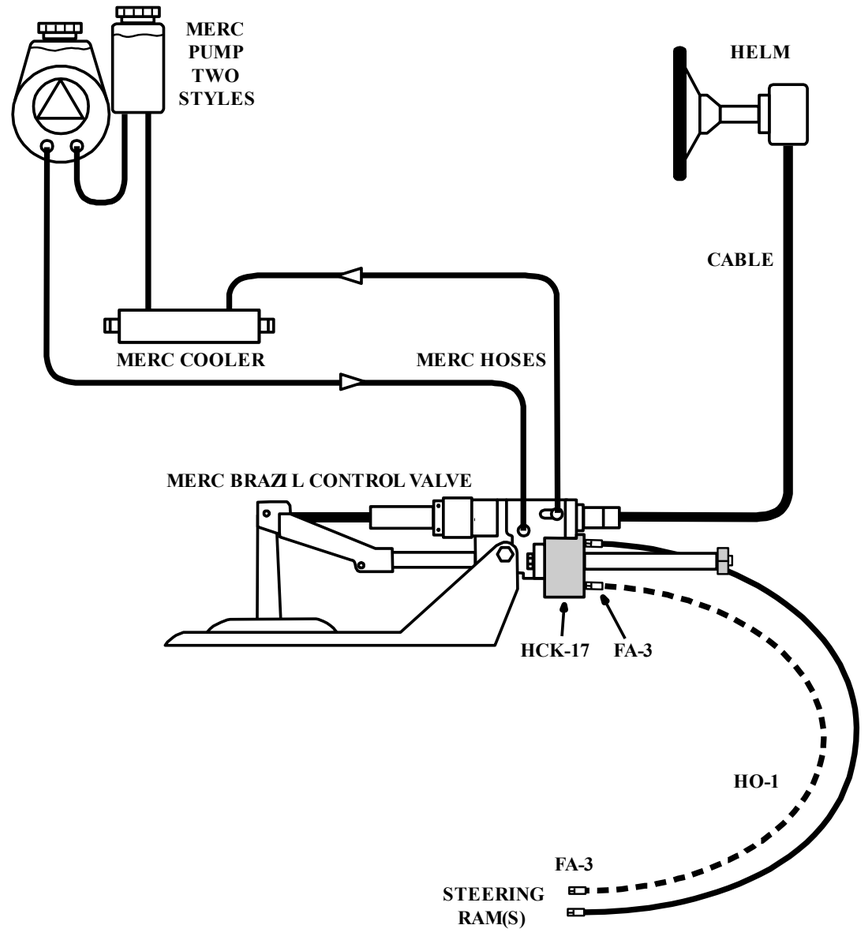
"FOR BOATS EXCEEDING 70 MPH A FULL HYDRAULIC HOSE KIT IS RECOMMENDED"



P/N	HOSE KIT "STOCK BRAZIL VALVE"	PRICE
HK-12	HOSE KIT BRAZIL CONTROL VALVE, **LONG HOSES**	
	PARTS	**QTY**
HCK-17	BRAZIL MANIFOLD ASSEMBLY	1
HO-1	HOSE 5/16" HP FIELD ATTACH	156"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1

BRAZIL CONTROL VALVE
APPLIES TO ALL EFI ENGINE PACKAGES 1994 AND LATER

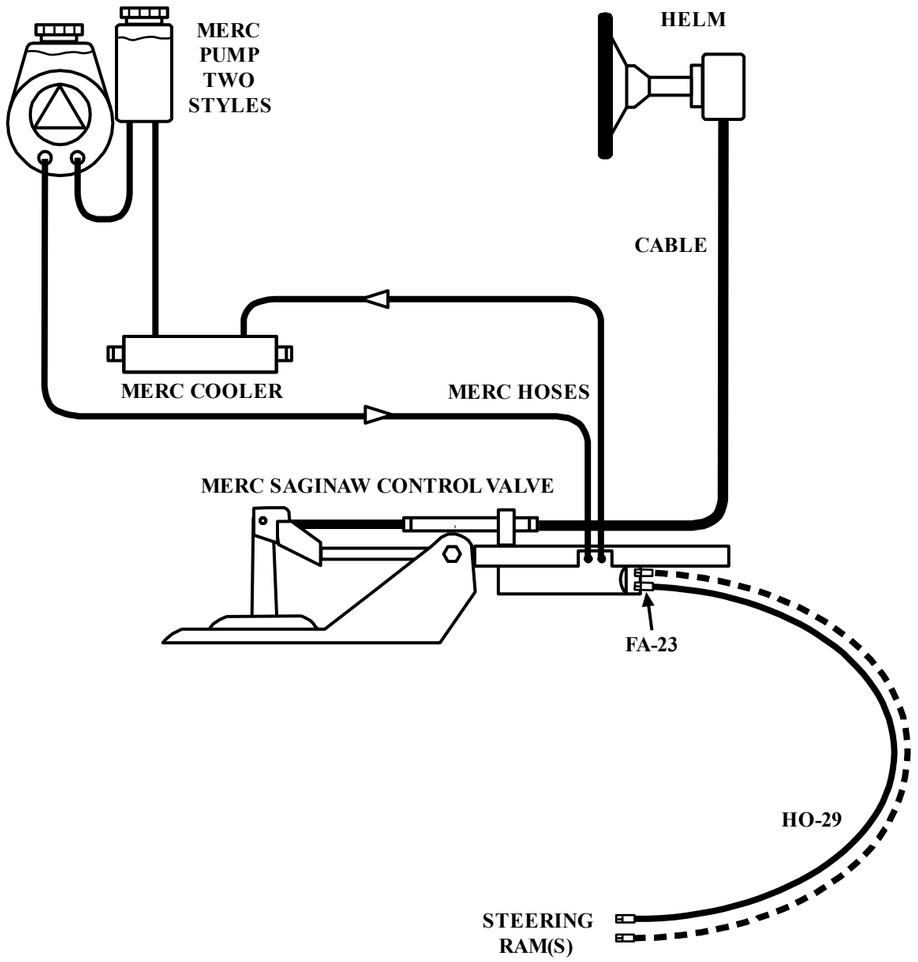
"FOR BOATS EXCEEDING 70 MPH A FULL HYDRAULIC HOSE KIT IS RECOMMENDED"



P/N	HOSE KIT "STOCK SAGINAW VALVE"	PRICE
HK-9	HOSE KIT SAGINAW CONTROL VALVE, **SHORT HOSES**	
	PARTS	**QTY**
FA-23	ADAPTER 7/16" MALE FLAIR TO -6 JIC	2
HO-29	HOSE ASSEMBLY	2

"FOR BOATS EXCEEDING 70 MPH A FULL HYDRAULIC HOSE KIT IS RECOMMENDED"

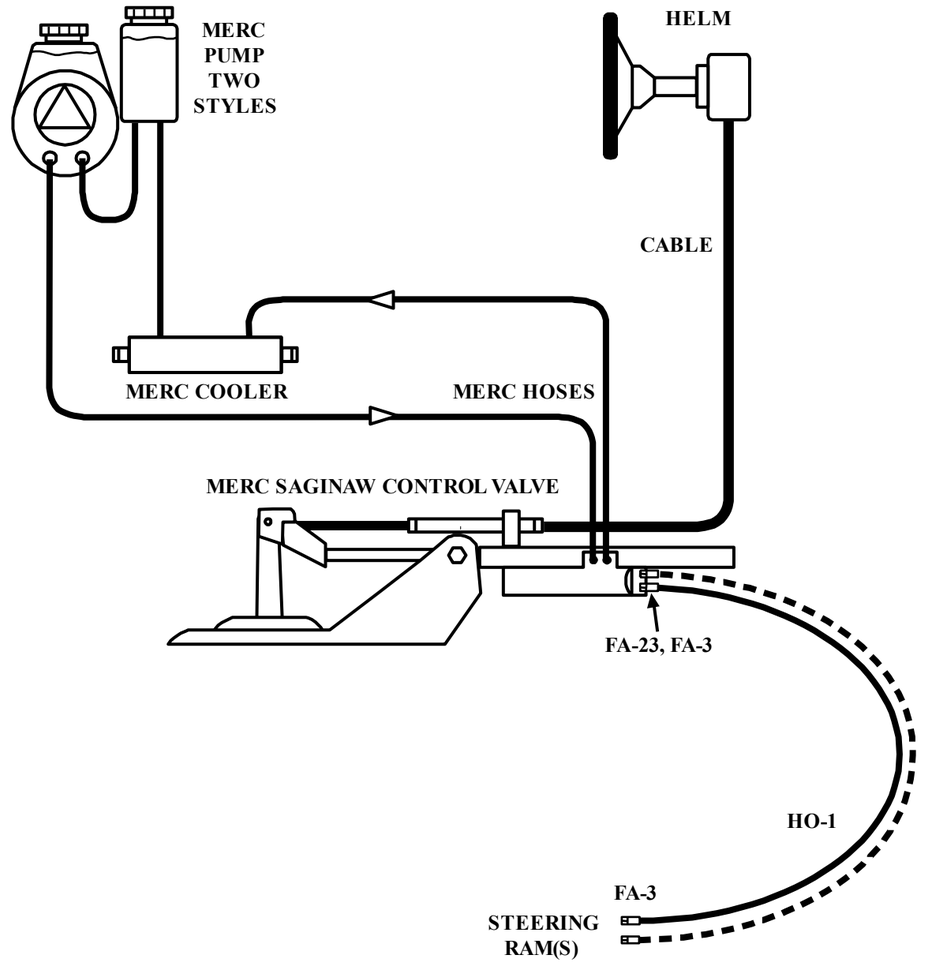
SAGINAW CONTROL VALVE
APPLIES TO ALL HIGH PERFORMANCE ENGINE PACKAGES 1999 AND EARLIER
AND TO ALL ENGINE PACKAGES 1994 AND EARLIER



P/N	HOSE KIT "STOCK SAGINAW VALVE"	PRICE
HK-10	HOSE KIT SAGINAW CONTROL VALVE, **LONG HOSES**	
	PARTS	**QTY**
FA-23	ADAPTER 7/16" MALE FLAIR TO -6 JIC	2
HO-1	HOSE 5/16" HP FIELD ATTACH	156"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-35	HOSE FITTING MANDREL -6 JIC	1

"FOR BOATS EXCEEDING 70 MPH A FULL HYDRAULIC HOSE KIT IS RECOMMENDED"

SAGINAW CONTROL VALVE
APPLIES TO ALL HIGH PERFORMANCE ENGINE PACKAGES 1999 AND EARLIER
AND TO ALL ENGINE PACKAGES 1994 AND EARLIER



P/N	HELM POSTS "MANUAL ASSIST"	PRICE
HP-31	HELM POST KIT **90°** X 4.750" DASH BOARD TO HUB FACE, POLISHED 6061-T6 AULMINUM	
HP-32	HELM POST KIT **15°** X 3.750" DASH BOARD TO HUB FACE, POLISHED 6061-T6 AULMINUM	

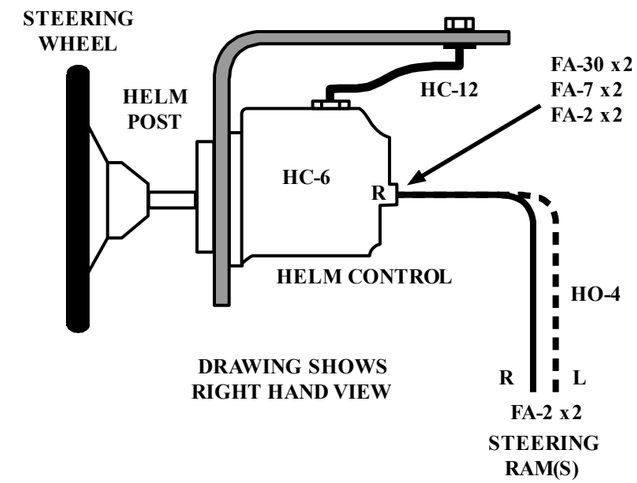
"STEERING WHEEL AND HELM CONTROL NOT INCLUDED"

90°

15°

P/N	MANUAL HELM CONTROL & HOSE KIT "2.75 OR 5.5 TURNS LOCK TO LOCK"	PRICE
HK-13	HOSE KIT 1 OR 2 SR-8-5-13 RAMS, 1 HELM	
	PARTS	**QTY**
FA-30	ADAPTER 3/8" MP TO -8	2
FA-7	ADAPTER -8 SWIVEL 90°	2
HC-6	HELM CONTROL 50/80 CC	1
HC-12	HELM CONTROL REMOTE FILL KIT	1
HO-4	HOSE 13/32" HP FIELD ATTACH	480."
FA-2	HOSE FITTING -8 TO 13/32" HP FIELD ATTACH	4
FA-1	HOSE FITTING MANDREL -8 JIC	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-31	HELM POST KIT **90°** X 4.75" DASH BOARD TO HUB FACE	
HP-32	HELM POST KIT **15°** X 3.75" DASH BOARD TO HUB FACE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	



-6 JIC = 9/16-18 THREAD 37° FLAIR
-8 JIC = 3/4-16 THREAD 37° FLAIR

P/N	ADAPTERS	PRICE
FA-18	ADAPTER 1/8" MP TO -6 JIC BRASS	
FA-117	ADAPTER 1/4" MP TO -8 JIC BRASS	
FA-29	ADAPTER 3/8" MP TO -6 JIC BRASS	
FA-30	ADAPTER 3/8" MP TO -8 JIC BRASS	
FA-24	ADAPTER 3/8" MP TO -6 JIC X 3.00" LONG 316 SS	
FA-25	ADAPTER 3/8" MP TO -8 JIC X 3.00" LONG 316 SS	
FA-27	ADAPTER 1/2" MP TO -6 JIC BRASS	
FA-28	ADAPTER 1/2" MP TO -8 JIC BRASS	
FA-14	ADAPTER 1/2" MP TO 14 MM FM O-RING BRASS	
FA-15	ADAPTER 1/2" MP TO 7/16" FM FLAIR BRASS	
FA-11	ADAPTER 9/16" O-RING TO -6 JIC ZP STEEL	
FA-12	ADAPTER 3/4" O-RING TO -6 JIC ZP STEEL	
FA-13	ADAPTER 3/4" O-RING TO -8 JIC ZP STEEL	
FA-8-P	ADAPTER 16 MM O-RING FACE TO -6 JIC ZP STEEL	
FA-8-V	ADAPTER 16 MM O-RING FACE TO -6 JIC ZP STEEL	
FA-9	ADAPTER 14 MM O-RING FACE TO -6 JIC ZP STEEL	
FA-23	ADAPTER 7/16" MALE FLAIR TO -6 JIC BRASS	

FA-18,45,117

FA-,28,29

FA-30

FA-27

FA-24,25

FA-14

FA-15

FA-11,12,13

FA-8-P,8-V,9

FA-23

P/N	ADAPTERS	PRICE
FA-33	ADAPTER -6 JIC SWIVEL 45° 316 SS	
FA-32	ADAPTER -8 JIC SWIVEL 45° 316 SS	
FA-110	ADAPTER 1/4" MP TO -4 JIC 45° 316 SS	

FA-33,32

FA-110

-6 JIC = 9/16-18 THREAD 37° FLAIR
-8 JIC = 3/4-16 THREAD 37° FLAIR

P/N	ADAPTERS	PRICE
FA-6	ADAPTER -6 JIC SWIVEL 90° 316 SS	
FA-7	ADAPTER -8 JIC SWIVEL 90° 316 SS	
FA-57	ADAPTER -6 JIC SWIVEL TO -8 90° 316 SS	
FA-109	ADAPTER 1/4" MP TO -4 JIC 90° 316 SS	
FA-10	ADAPTER 1/4" MP TO -6 JIC 90° 316 SS	
FA-31	ADAPTER 3/8" MP TO -8 JIC 90° 316 SS	
FA-116	ADAPTER 3/8" MP TO -8 JIC 90° BRASS	
FA-44	ADAPTER 3/4" O-RING SWIVEL TO -6 JIC 90° ZP STEEL	
FA-51	ADAPTER 3/4" O-RING SWIVEL TO -8 JIC 90° ZP STEEL	
FA-67	ADAPTER 16 MM BANJO TO -6 JIC 90° ZP STEEL	

FA-6,7,57

FA-10,31,109

FA-116

FA-44,51

FA-67

P/N	ADAPTERS	PRICE
FA-21	ADAPTER -6 JIC MALE T 316 SS	
FA-40	ADAPTER -8 JIC MALE T 316 SS	
FA-16	ADAPTER -6 JIC SWIVEL T 316 SS	
FA-17	ADAPTER -8 JIC SWIVEL T 316 SS	
FA-19	ADAPTER -6 JIC SWIVEL RUN -6 RUN -6 BRANCH T 316 SS	
FA-22	ADAPTER -6 JIC BRANCH -6 -8 RUN MALE T 316 SS	
FA-114	ADAPTER -4 JIC SWIVEL BRANCH -4 JIC -6 JIC RUN T 316 SS	
FA-41	ADAPTER -6 JIC SWIVEL BRANCH -6 JIC -8 JIC RUN T 316 SS	

FA-21,40

FA-16,17

FA-19

FA-22

FA-41,114

P/N	BRAZIL MANIFOLD ASSEMBLY	PRICE
HCK-17	BRAZIL MANIFOLD ASSEMBLY W/-6 JIC ADAPTERS BLACK ANODIZED 6061-T6 ALUMINUM	

P/N	BULKHEAD TUBE ASSEMBLIES	PRICE
BT-1	BULKHEAD TUBE ASSEMBLY -6 JIC STRAIGHT POLISHED 304 SS	
BT-3	BULKHEAD TUBE ASSEMBLY -6 JIC T	

BT-1

BT-3

P/N	DRIVE SHOWER KITS, POLISHED 304/316 SS	PRICE
SK-1	SHOWER KIT ALPHA TRIANGLE X 25.000" LONG HOSE	
SK-2	SHOWER KIT BRAVO 1,2 SMOOTH TOP CAP TRIANGLE X 25.000" LONG HOSE	
SK-6	SHOWER KIT BRAVO 3 SMOOTH TOP CAP TRIANGLE X 32.000" LONG HOSE	
SK-5	SHOWER KIT BRAVO ITS TRIANGLE X 27.000" LONG HOSE	
SK-10	SHOWER KIT BRAVO 1,2 FIN OR TEAGUE TOP CAP TRIANGLE X 25.000" LONG HOSE	
SK-11	SHOWER KIT BRAVO 3 FIN TOP CAP TRIANGLE X 32.000" LONG HOSE	

P/N	BRAVO DRIVE SPACER KITS	PRICE
DS-5	DRIVE SPACER KIT **.500"** BRAVO ONE BLACK ANODIZED 6061-T6 ALUMINUM	
DS-1	DRIVE SPACER KIT **1.000"** BRAVO ONE BLACK ANODIZED 6061-T6 ALUMINUM	
DS-15	DRIVE SPACER KIT **1.500"** BRAVO ONE BLACK ANODIZED 6061-T6 ALUMINUM	
DS-2	DRIVE SPACER KIT **2.000"** BRAVO ONE BLACK ANODIZED 6061-T6 ALUMINUM	
DS-25	DRIVE SPACER KIT **2.500"** BRAVO ONE BLACK ANODIZED 6061-T6 ALUMINUM	
DS-3	DRIVE SPACER KIT **3.000"** BRAVO ONE BLACK ANODIZED 6061-T6 ALUMINUM	

NOTES: PLEASE SPECIFY WHEN ORDERING FOR A BRAVO TWO STERN DRIVE.
WILL NOT WORK WITH BRAVO SPORT MASTER OR IMCO STERN DRIVES.

P/N	EXTENSION BOX KITS "AVAILABLE IN A 3.000" LIFT"	PRICE
EB-12-B	EXTENSION BOX KIT 13.5° TRANSOM ANGLE X 12.000" STRAIGHT BACK, **BLACK**	
EB-12-S	EXTENSION BOX KIT 13.5° TRANSOM ANGLE X 12.000" STRAIGHT BACK, **SILVER**	

EB-12-B

P/N	EXTENSION BOX SIDE MOUNT BRACKET KITS	PRICE
WP-8-L-B	EXTENSION BOX SIDE MOUNT BRACKET KIT **LH BLACK**	
WP-8-R-B	EXTENSION BOX SIDE MOUNT BRACKET KIT **RH BLACK**	
WP-8-L-S	EXTENSION BOX SIDE MOUNT BRACKET KIT **LH SILVER**	
WP-8-R-S	EXTENSION BOX SIDE MOUNT BRACKET KIT **RH SILVER**	

WP-8-L-B

WP-8-R-B

P/N	EXTENSION BOX DRIVE SHAFTS	PRICE
DS-12-X	EXTENSION BOX DRIVE SHAFT **1.328"** BEARINIG CAP DIA	
DS-12-S	EXTENSION BOX DRIVE SHAFT **1.077"** BEARINIG CAP DIA	
DS-13-X	EXTENSION BOX DRIVE SHAFT **1.217"** BEARINIG CAP DIA	
DS-13-S	EXTENSION BOX DRIVE SHAFT **1.062"** BEARINIG CAP DIA	

DS-12-X

DS-12-S

DS-13-X

DS-13-S

BEARING CAP DIA

P/N	EXTENSION BOX ALIGNMENT TOOL	PRICE
AT-12	EXTENSION BOX DRIVE SHAFT ALIGNMENT TOOL 1.370" X 39.000" OAL	

AT-12

P/N	HELM CONTROLS "PUMP ASSIST"	PRICE
HC-13	HELM CONTROL **50 CC** (1 OR 2 PUMPS)	
HC-1	HELM CONTROL **75 CC** (1 OR 2 PUMPS)	
HC-7	HELM CONTROL **95 CC** (1 OR 2 PUMPS)	
HC-2	HELM CONTROL **120 CC** (1 OR 2 PUMPS)	
HC-8	HELM CONTROL **145 CC** (1 OR 2 PUMPS)	
HC-3	HELM CONTROL **160 CC** (1 PUMP DRILL ORIFICE 11/64" OR 2 PUMPS)	
HC-9	HELM CONTROL **185 CC** (2 PUMPS)	
HC-4	HELM CONTROL **230 CC** (2 PUMPS)	
HC-10	HELM CONTROL **295 CC** (2 PUMPS)	

NOTES:

HELM CONTROL SPECIFICATIONS
1. FLOW RATE 2 TO 8 GPM
2. MAX PRESSURE 2500 PSI
3. OPEN CENTER NON LOAD REACTION
4. 3/4" O-RING PORTS

MERCURY PUMP SPECIFICATIONS
1. FLOW RATE 1 1/2 TO 3 1/2 GPM
2. MAX PRESSURE 1300 PSI

P/N	HELM CONTROL "MANUAL ASSIST"	PRICE
HC-6	HELM CONTROL 50/80 CC 2EA 3/8" FMP PORTS MANUAL ASSIST NON LOAD REACTION	

P/N	FILL KIT	PRICE
HC-12	HELM CONTROL REMOTE FILL KIT	

HC-6

HC-12

P/N	STEERING WHEEL	PRICE
SW-2	STER WHEEL BLACK VINYL GRIP 6 X 2.750" DIA BOLT PATTERN POLISHED ALUM SPOKES	

P/N	HELM POST PARTS "MISCELLANEOUS"	PRICE
0029	HELM POST DASHBOARD COVER PLATE 3.250"ID X 6.000"OD X .131" POLISHED 304 SS	
TH-01	HELM POST HUB 2.300"OAL X .634" BORE 2 EA 6 MM BOLT PATTERNS POLISHED 316 SS	
TH-01-2	HELM POST HUB 4.300" OAL X .634" BORE 2 EA 6 MM BOLT PATTERNS POLISHED 316 SS	
AD-21	HELM POST HUB DISCONNECT ASS "FM" W/HORN BUTTON & SCREWS POLISH 6061-T6 ALUM	
AD-25	HELM POST HUB DISCONNECT "MALE" 2.400" X 2.117" POLISHED 304 SS	
AD-7	HELM POST HUB HORN BUTTON 2.392" X .325" IMCO LOGO POLISHED 6061-T6 ALUMINUM	

TH-01

TH-01-2

0029

AD-21

AD-25

AD-7

P/N	FIXED HELM POSTS "PUMP ASSIST"	PRICE
HP-0	HELM POST ASSEMBLY **90° X 2.875"** DASH BOARD TO HUB FACE POLISHED 316 SS	
HP-2	HELM POST ASSEMBLY **90° X 4.250"** DASH BOARD TO HUB FACE POLISHED 316 SS	
HP-5	HELM POST ASSEMBLY **90° X 7.250"** DASH BOARD TO HUB FACE POLISHED 316 SS	
HP-8	HELM POST ASSEMBLY **90° X 10.25"** DASH BOARD TO HUB FACE POLISHED 316 SS	
HP-4	HELM POST ASSEMBLY **15° X 5.000"** DASH BOARD TO HUB FACE POLISHED 316 SS	
HP-7	HELM POST ASSEMBLY **15° X 8.000"** DASH BOARD TO HUB FACE POLISHED 316 SS	
HP-10	HELM POST ASSEMBLY **15° X 11.00"** DASH BOARD TO HUB FACE POLISHED 316 SS	

"STEERING WHEEL AND HELM CONTROL NOT INCLUDED"

HP-0

HP-8

HP-4

HP-10

P/N	TILT HELM POSTS "PUMP ASSIST"	PRICE
HP-16	HELM POST ASSEMBLY TILT X **4.625"** DASH BOARD TO HUB FACE POLISHED 304/316 SS	
HP-19	HELM POST ASSEMBLY TILT X **7.125"** DASH BOARD TO HUB FACE POLISHED 304/316 SS	

"STEERING WHEEL AND HELM CONTROL NOT INCLUDED"

TILT HELM HAS 4 ADJUSTMENTS, 15° DOWN, 90°, 10°& 20° UP

HP-19

HP-19

P/N	REMOVABLE HELM POST "PUMP ASSIST"	PRICE
HP-23	HELM POST ASSEMBLY REMOVABLE PLUG 3.235" OD X 2.860" TALL POLISHED 304 SS	
HP-24		
HP-25	HELM POST ASSEMBLY BASE 4.970" OD X 1.400" TALL POLISHED 304 SS	

"STEERING WHEEL AND HELM CONTROL NOT INCLUDED"

HP-23

HP-24

HP-25

INDEX

P/N	HOSE "HP = 2250 PSI MAX PRESSURE LP = 250 PSI MAX PRESSURE"	PRICE PER INCH
HO-24	HOSE 1/4" HP CRIMP 304SS BRAID BLACK COVER	
HO-13	HOSE 3/8" HP CRIMP 304SS BRAID BLACK COVER	
HO-14	HOSE 1/2" HP CRIMP 304SS BRAID BLACK COVER	
HO-7	HOSE 1/2" HP CRIMP 304SS BRAID COVER	
HO-1	HOSE 5/16" HP FIELD ATTACH STEEL CLAD BRAID BLACK COVER	
HO-4	HOSE 13/32" HP FIELD ATTACH STEEL CLAD BRAID BLACK COVER	
HO-2	HOSE 3/8" LP PUSHLOC FIBER BRAID BLACK COVER	
HO-5	HOSE 1/2" LP PUSHLOC FIBER BRAID BLACK COVER	
HO-16	HOSE 5/8" LP PUSHLOC FIBER BRAID BLACK COVER	

HO-24,13,14

HO-7

HO-1,4

HO-2,5,16

P/N	HOSE ASSEMBLIES "HIGH PRESSURE 2250 PSI MAX"	PRICE
HO-6	HOSE ASSEMBLY -6 JIC X 18.000" HOSE LENGTH (STEERING RAM)	
HO-29	HOSE ASSEMBLY -6 JIC X 18.000" HOSE LENGTH (STOCK CONTROL VALVE)	
HO-8	HOSE ASSEMBLY -6 JIC X 27.000" HOSE LENGTH (E-BOX STER RAM)	
HO-25	HOSE ASSEMBLY -4 JIC X 3/8" MALE FLAIR X 16.000" HOSE LENGTH (TRIM RAM)	
HO-28	HOSE ASSEMBLY -4 JIC X 3/8" MALE FLAIR X 20.000" HOSE LENGTH (TRIM RAM)	

HO-29

HO-6,8

HO-25,28

INDEX

P/N	HOSE FITTINGS "$ 6.00 TO INSTALL ANY HP HOSE END, 3 EA MB-4 LABOR"	PRICE
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH 316 SS NUT STEM NPB COLLAR	
FA-35	HOSE FITTING MANDREL -6 JIC	
FA-2	HOSE FITTING -8 JIC TO 13/32" HP FIELD ATTACH 316SS NUT STEM NPB COLLAR	
FA-1	HOSE FITTING MANDREL -8 JIC	
FA-112	HOSE FITTING 3/8"-24 MALE FLAIR TO 1/4" HP 45° CRIMP OVER JACKET 316 SS	
FA-111	HOSE FITTING -4 JIC TO 1/4" HP CRIMP OVER JACKET 316 SS	
FA-26	HOSE FITTING -6 JIC TO 3/8" HP CRIMP OVER JACKET 316 SS	
FA-34	HOSE FITTING -8 JIC TO 1/2" HP CRIMP OVER JACKET 316 SS	
FA-59	HOSE FITTING 3/8" MP TO 1/2" HP CRIMP 316 SS	
FA-72	HOSE FITTING WATER PICKUP TO 1/2" HP CRIMP POLISHED 304 SS	
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC BRASS	
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC BRASS	
FA-115	HOSE FITTING -10 JIC TO 5/8" LP PUSHLOC BRASS	
FA-118	HOSE FITTING -10 JIC TO 5/8" LP 90° PUSHLOC ZP STEEL	
FA-119	HOSE FITTING -10 JIC TO 5/8" LP 45° PUSHLOC ZP STEEL	

FA-1,35

FA-2,3

FA-112

FA-26,34,111

FA-59

FA-72

FA-5,4,115

FA-118

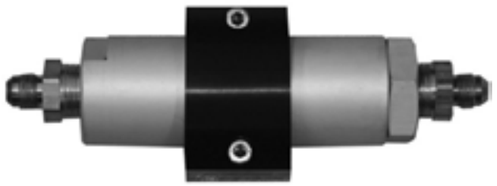
FA-119

P/N	HOSE CLAMPS	PRICE
HC-11	HOSE CLAMP .750" ID WORM DRIVE 304 SS	
HC-5	HOSE CLAMP 1.125" ID DD HD WORM DRIVE 304 SS	

HC-11

HC-5

P/N	OIL FILTER ASSEMBLIES	PRICE
PT-27	OIL FILTER ASSEMBLY -6 JIC IN, -6 JIC OUT (CUSTOM OR MERC HP 2007 / 2008)	
PT-29	OIL FILTER ASSEMBLY 7/16 FM FLAIR IN, -6 JIC OUT (SAGINAW 1994 & EARLIER)	
PT-28	OIL FILTER ASSEMBLY 14 MM FM O-RING IN, -6 JIC OUT (BRAZIL 1994 & LATER)	
PT-21	OIL FILTER ASSEMBLY -6 IN, -8 JIC OUT (MERC HP 2009 & LATER)	



PT-27,21

PT-28,29

P/N	OIL FILTER ELEMENT	PRICE
MP-20	OIL FILTER ELEMENT 40 MICRON 1.000” X 2.870”	

P/N	PUMP CAP ASSEMBLY	PRICE
PT-10	PUMP CAP ASSEMBLY W/-8 JICS ADAPTER BLACK ANODIZED 6061-T6 ALUMINUM	

P/N	OIL TANK KIT	PRICE
PT-31	OIL TANK KIT **1 PUMP RECIRCULATING**	
PARTS		**QTY**
HO-16	HOSE 5/8" HP FIELD ATTACH STEEL CLAD BRAID BLACK COVER	48"
HO-2	HOSE 3/8" LP PUSHLOC FIBER BRAID BLACK COVER	96"
HC-5	HOSE CLAMP 1.125" ID DD HD WORM DRIVE 304SS	2
HC-11	HOSE CLAMP .750" ID WORM DRIVE 304SS	1
PT-8	OIL TANK ASS. W/ FILL CAP 1 PUMP RECIRC 6.5"T X 5"W X 3"D POLISH 304SS (TANK ONLY)	1

P/N	OIL TANK KIT	PRICE
PT-32	OIL TANK KIT **1 PUMP RESERVOIR**	
PARTS		**QTY**
FA-116	ADAPTER 3/8" MP TO -8 JIC 90° BRASS	1
FA-30	ADAPTER 3/8" MP TO -8 JIC BRASS	1
HO-5	HOSE 1/2" LP PUSHLOC FIBER BRAID BLACK COVER	48"
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC BRASS	2
PT-9	OIL TANK ASS. W/ FILL CAP 1 PUMP RESERVOIR 3"T X 6"W X 3"D POL 304SS (TANK ONLY $143.34)	1
PT-10	PUMP CAP ASSEMBLY	1

P/N	OIL TANK KIT	PRICE
PT-36	OIL TANK KIT **2 PUMP RECIRCULATING**	
PARTS		**QTY**
HO-16	HOSE 5/8" HP FIELD ATTACH STEEL CLAD BRAID BLACK COVER	96"
HO-2	HOSE 3/8" LP PUSHLOC FIBER BRAID BLACK COVER	192"
HC-5	HOSE CLAMP 1.125" ID DD HD WORM DRIVE 304SS	4
HC-11	HOSE CLAMP .750" ID WORM DRIVE 304SS	2
PT-6	OIL TANK ASS. W/ FILL CAP 2 PUMP RECIRC 6.5"T X 5"W X 4"D POLISH 304SS (TANK ONLY $308.32)	1

P/N	OIL TANK KIT	PRICE
PT-35	OIL TANK KIT **2 PUMP RESERVOIR**	
PARTS		**QTY**
FA-116	ADAPTER 3/8" MP TO -8 JIC 90° BRASS	2
FA-30	ADAPTER 3/8" MP TO -8 JIC BRASS	2
HO-5	HOSE 1/2" LP PUSHLOC FIBER BRAID BLACK COVER	96"
FA-4	HOSE FITTING -8 JIC TO 1/2" LP PUSHLOC BRASS	4
PT-30	OIL TANK ASS. W/FILL CAP 2 PUMP RESERVOIR 3"T X 6"W X 3"D POL 304SS (TANK ONLY $152.34)	1
PT-10	PUMP CAP ASSEMBLY	2

PT-31

PT-36

PT-32

PT-35

P/N	STEERING CAP KITS	PRICE
AEC-1	STER CAP KIT BRAVO 2 EAR RH 1.625" OFFSET CLEVIS PIN BLACK	
AEC-2	STER CAP KIT BRAVO 2 EAR LH 1.625" OFFSET CLEVIS PIN BLACK	
AEC-5	STER CAP KIT BRAVO 2 EAR 3.250" CLEVIS PIN CENTERS BLACK	
AEC-17	STER CAP KIT BRAVO 2 EAR 3.250" CLEVIS PIN CENTERS 1.000" CENTER HOLE BLACK	
AEC-7	STER CAP KIT BRAVO 2 EAR 6.500" CLEVIS PIN CENTERS 1.000" CENTER HOLE BLACK	
AEC-8	STER CAP KIT BRAVO 2 EAR RH 3.250" OFFSET CLEVIS PIN BLACK	
AEC-3	STER CAP KIT BRAVO 3 EAR LH 1.625" OFFSET CLEVIS PIN BLACK	
AEC-4	STER CAP KIT BRAVO 3 EAR RH 1.625" OFFSET CLEVIS PIN BLACK	
AEC-6	STER CAP KIT BRAVO 3 EAR 3.250" CLEVIS PIN CENTERS BLACK	

AEC-1

AEC-2

AEC-5

AEC-17

AEC-7

AEC-8

AEC-4

AEC-3

AEC-6

P/N	DRILL FIXTURE "FOR PRODUCTION"	PRICE
WP-5	STER CAP DRILL FIXTURE W/ 5/16" HARDEN DRILL BUSHINGS	

P/N	STEP DRILL	PRICE
MP-23	STER CAP STEP DRILL 25/64" X 5/16" X APROX 7.500" OAL	

P/N	RAM CYLINDER CAPS	PRICE
CC-1	RAM CYLINDER CAP .500" CLEVIS EYE 1/4" FMP PORT POLISHED 316 SS	
GC-2	RAM CYLINDER CAP 1.000" ROD HOLE 1/4" FMP PORT POLISHED 304 SS	
GC-3	RAM CYLINDER CAP .625" ROD HOLE 1/4" FMP PORT POLISHED 304 SS	
CE-1-L	RAM CYLINDER CAP TRIM RAM LH 1/4" FMP PORT POLISHED 316 SS	
CE-1-R	RAM CYLINDER CAP TRIM RAM RH 1/4" FMP PORT POLISHED 316 SS	

"ADAPTERS AND SEALS NOT INCLUDED"

CC-1

GC-2,3

CE-1-L,R

P/N	RAM SEAL KITS	PRICE
SK-57	RAM SEAL KIT **1.000"** ROD DIA.	
SK-58	RAM SEAL KIT **.625"** ROD DIA.	

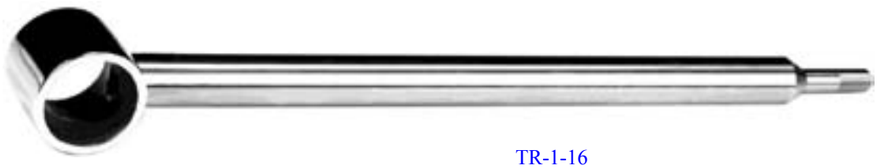
P/N	RAM PISTON	PRICE
P-1	RAM PISTON .500" ID X 1.490" OD X 1.300" OAL HARD ANODIZED 6061-T6 ALUMINUM	

"NUT AND SEALS NOT INCLUDED"

P/N	RAM CYLINDERS	PRICE
C-5	RAM CYLINDER 1.750" OD X 1.500" ID X **6.800"** OAL POLISHED 304 SS (5.500" STROKE)	
C-6	RAM CYLINDER 1.750" OD X 1.500" ID X **7.612"** OAL POLISHED 304 SS (6.312" STROKE)	
C-7	RAM CYLINDER 1.750" OD X 1.500" ID X **8.800"** OAL POLISHED 304 SS (7.500" STROKE)	
C-8	RAM CYLINDER 1.750" OD X 1.500" ID X **9.550"** OAL POLISHED 304 SS (8.250" STROKE)	
C-9	RAM CYLINDER 1.750" OD X 1.500" ID X **10.550"** OAL POLISHED 304 SS (9.250" STROKE)	
C-10	RAM CYLINDER 1.750" OD X 1.500" ID X **11.550"** OAL POLISHED 304 SS (10.250" STROKE)	

P/N	RAM RODS	PRICE
R-5-12	RAM ROD .6225" DIA X **11.892"** OAL X .501" EYE 1/2"-20 THREAD 304 SS	
R-5-13	RAM ROD .6225" DIA X **13.330"** OAL X .501" EYE 1/2"-20 THREAD 304 SS	
R-5-14	RAM ROD .6225" DIA X **14.330"** OAL X .501" EYE 1/2"-20 THREAD 304 SS	
R-5-15	RAM ROD .6225" DIA X **15.330"** OAL X .501" EYE 1/2"-20 THREAD 304 SS	
R-5-16	RAM ROD .6225" DIA X **16.330"** OAL X .501" EYE 1/2"-20 THREAD 304 SS	

P/N	RAM RODS	PRICE
R-1-11	RAM ROD .9975" DIA X **11.392"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-12	RAM ROD .9975" DIA X **11.892"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-13	RAM ROD .9975" DIA X **13.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-14	RAM ROD .9975" DIA X **14.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-15	RAM ROD .9975" DIA X **15.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-16	RAM ROD .9975" DIA X **16.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-17	RAM ROD .9975" DIA X **17.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-18	RAM ROD .9975" DIA X **18.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-19	RAM ROD .9975" DIA X **19.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-20	RAM ROD .9975" DIA X **20.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-21	RAM ROD .9975" DIA X **21.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
R-1-22	RAM ROD .9975" DIA X **22.330"** OAL X .501" EYE X 1/2"-20 THREAD 304 SS	
TR-1-16	RAM ROD TRIM .9975" DIA X 16.225" OAL X 5/8"-18 X 1/2"-20 THREAD 304 SS	
RE-1	RAM ROD END TRIM 1.5" DUB TAPER EYE X 5/8"-18 THREAD POLISHED 316 SS	



RE-1

TR-1-16

P/N	RAM ASSEMBLIES STEERING, POLISHED 304/316 SS	PRICE
SR-6-1-12	RAM ASSEMBLY STER 1.000" DIA ROD **15.562"** CLOSED **21.875"** OPEN CLEVIS TO CLEVIS CL	
SR-8-1-13	RAM ASSEMBLY STER 1.000" DIA ROD **17.125"** CLOSED **25.375"** OPEN CLEVIS TO CLEVIS CL	
SR-8-1-14	RAM ASSEMBLY STER 1.000" DIA ROD **18.125"** CLOSED **26.375"** OPEN CLEVIS TO CLEVIS CL	

P/N	RAM ASSEMBLIES STEERING, POLISHED 304/316 SS	PRICE
SR-6-5-12	RAM ASSEMBLY STER .625" DIA ROD **15.562"** CLOSED **21.875"** OPEN CLEVIS TO CLEVIS CL	
SR-8-5-13	RAM ASSEMBLY STER .625" DIA ROD **17.125"** CLOSED **25.375"** OPEN CLEVIS TO CLEVIS CL	
SR-8-5-15	RAM ASSEMBLY STER .625" DIA ROD **19.125"** CLOSED **27.375"** OPEN CLEVIS TO CLEVIS CL	

P/N	RAM ASSEMBIES TRIM, POLISHED 304/316 SS	PRICE
TR-7-16-L	RAM ASSEMBLY TRIM **LH** W/HOSES STOCK BRAVO REPLACEMENT	
TR-7-16-R	RAM ASSEMBLY TRIM **RH** W/HOSES STOCK BRAVO REPLACEMENT	

P/N	TIE BAR ASSEMBLIES W/CLEVIS', POLISHED 304/316 SS	PRICE
TB-97	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS W/ .875" ID CLEVIS BUSHINGS	
TB-29	TIE BAR ASSEMBLY 1.750" DIA X 18.000" DRIVE CENTERS W/1.000" ID CLEVIS BUSHINGS	
TB-33	TIE BAR ASSEMBLY 2.250" DIA X 18.000" DRIVE CENTERS W/1.250" ID CLEVIS BUSHINGS	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-1	ROUND TUBING 1.750" DIA X .250" WALL X 1.000" POLISHED 304 SS	
TB-4	ROUND TUBING 2.250" DIA X .250" WALL X 1.000" POLISHED 304 SS	

P/N	TIE BAR ASSEMBLIES W/CLEVIS', POLISHED 304/316 SS	PRICE
TB-6	TIE BAR ASSEMBLY 1.250" DIA X 18.000" DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-19	TIE BAR ASSEMBLY 1.375" DIA X 18.000" DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-27	TIE BAR ASSEMBLY 1.375" DIA X 18.000" DRIVE CENTERS W/.875" ID CLEVIS BUSHINGS	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-2	ROUND BAR 1.250" DIA X 1.000" POLISHED 316 SS	
TB-3	ROUND BAR 1.375" DIA X 1.000" POLISHED 316 SS	

P/N	TIE BAR ASSEMBLIES PRE MACHINED W/CLEVIS', POLISHED 304/316 SS	PRICE
TB-90	TIE BAR ASSEMBLY 1.250" DIA X **34.000"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-91	TIE BAR ASSEMBLY 1.250" DIA X **34.500"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-92	TIE BAR ASSEMBLY 1.250" DIA X **35.000"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-93	TIE BAR ASSEMBLY 1.250" DIA X **35.500"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	
TB-94	TIE BAR ASSEMBLY 1.250" DIA X **36.000"** DRIVE CENTERS W/.750" ID CLEVIS BUSHINGS	

P/N	TIE BAR KIT, POLISHED 304/316 SS	PRICE
TB-37	TIE BAR KIT FOR STER CAPS W/A 1.000" CENTER HOLE, 1.750" DIA X 18.000" DRIVE CENTERS	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-1	ROUND TUBING 1.750" DIA X .250" WALL X 1.000" POLISHED 304 SS	

P/N	TIE BAR KIT, POLISHED 304/316 SS	PRICE
TB-73	TIE BAR KIT FOR 2 BRAVO ITS', 1.375" DIA X 18.000" DRIVE CENTERS	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-3	ROUND BAR 1.375" DIA X 1.000" POLISHED 304 SS	

P/N	TIE BAR KIT, POLISHED 304/316 SS	PRICE
TB-75	TIE BAR KIT FOR 3 BRAVO ITS', 1.250" DIA X 18.000" DRIVE CENTERS	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-2	ROUND BAR 1.250" DIA X 1.000" POLISHED 304 SS	

NOTE: TIE BARS ARE LEVEL AT 4.500" OF DROP TO THE CENTER DRIVE

P/N	TIE BAR KIT	PRICE
TB-77	TIE BAR KIT FOR 3 BRAVOS, 1.250" DIA X 18.000" DC, 4.000" DROP, ALL BRAVOS	
	ADDITIONAL TIE BAR LENGTH	**PRICE PER INCH**
TB-2	ROUND BAR 1.250" DIA X 1.000" POLISHED 304 SS	

NOTE: TIE BARS ARE LEVEL AT 4.000" OF DROP TO THE CENTER DRIVE

P/N	TIE BAR KIT	PRICE
TB-100	TIE BAR KIT FOR 3 BRAVOS 1.250" DIA X 18.000" DC, 8.000" DROP, FINN TOP BRAVOS ONLY	
	ADDITIONAL TIE BAR LENGTH	**PRICE PER INCH**
TB-2	ROUND BAR 1.250" DIA X 1.000" POLISHED 304 SS	

NOTE: TIE BARS ARE LEVEL AT 8.000" OF DROP TO THE CENTER DRIVE

P/N	TIE BAR KIT	PRICE
TB-89	TIE BAR KIT FOR 2 NXT'S 1.750" DIA X 18.000" DRIVE CENTERS	
	ADDITIONAL TIE BAR LENGTH	**PRICE PER INCH**
TB-1	ROUND TUBING 1.750" DIA X .250" WALL X 1.000" POLISHED 304 SS	

P/N	TIE BAR KIT	PRICE
TB-98	TIE BAR KIT FOR 3 NXT'S 1.750" DIA X 18.000" DRIVE CENTERS	
	ADDITIONAL TIE BAR LENGTH	**PRICE PER INCH**
TB-1	ROUND TUBING 1.750" DIA X .250" WALL X 1.000" POLISHED 304 SS	

NOTE: TIE BARS ARE LEVEL AT 5.750" OF DROP TO THE CENTER DRIVE

P/N	TIE BAR KIT	PRICE
TB-52	TIE BAR KIT FOR 2 SPEED MASTER 6A'S, 2.25" DIA X 18.00" DRIVE CENTERS POLISH 304/316	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-4	ROUND TUBING 2.250" DIA X .250" WALL X 1.000" POLISHED 304SS	

P/N	TIE BAR KIT	PRICE
TB-71	TIE BAR KIT FOR 3 SPEED MASTER 6A'S, 1.75" DIA X 18.00" DRIVE CENTERS POLISH 304/316	
P/N	**ADDITIONAL TIE BAR LENGTH**	**PRICE PER INCH**
TB-88	ROUND TUBING 1.750" DIA X .375" WALL X 1.000" POLISHED 304 SS	

NOTE: TIE BARS ARE LEVEL AT 4.75" OF DROP TO THE CENTER DRIVE

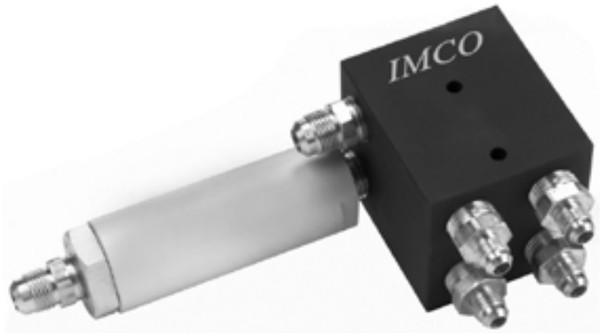
P/N	ADDITIONAL TIE BAR LENGTH	PRICE PER INCH
TB-2	ROUND BAR 1.250" DIA X 1.000" POLISHED 304 SS	
TB-3	ROUND BAR 1.375" DIA X 1.000" POLISHED 304 SS	
TB-1	ROUND TUBING 1.750" DIA X .250" WALL X 1.000" POLISHED 304 SS	
TB-88	ROUND TUBING 1.750" DIA X .375" WALL X 1.000" POLISHED 304 SS	
TB-4	ROUND TUBING 2.250" DIA X .250" WALL X 1.000" POLISHED 304 SS	

P/N	TRANSOM BRACKET KITS	PRICE
TB-31	TRANSOM BRACKET KIT **LH W/ BULKHEAD TUBES** POLISHED 316/304 SS	
TB-21	TRANSOM BRACKET KIT **RH W/ BULKHEAD TUBES** POLISHED 316/304 SS	
TB-32	TRANSOM BRACKET KIT **LH REVERSE** POLISHED 316/304 SS	
TB-22	TRANSOM BRACKET KIT **RH REVERSE** POLISHED 316/304 SS	

TB-31 TB-21 TB-32 TB-22

P/N	TRANSOM BRACKET KITS	PRICE
TB-34	TRANSOM BRACKET KIT FOR **34.000"** DRIVE CENTERS POLISHED 316/304 SS	
TB-345	TRANSOM BRACKET KIT FOR **34.500"** DRIVE CENTERS POLISHED 316/304 SS	
TB-35	TRANSOM BRACKET KIT FOR **35.000"** DRIVE CENTERS POLISHED 316/304 SS	
TB-355	TRANSOM BRACKET KIT FOR **35.500"** DRIVE CENTERS POLISHED 316/304 SS	
TB-36	TRANSOM BRACKET KIT FOR **36.000"** DRIVE CENTERS POLISHED 316/304 SS	

P/N	VALVE ASSEMBLY, HARD ANODIZED 6061-T6 ALUMINUM W/BRASS ADAPTERS	PRICE
PT-13	VALVE ASSEMBLY 2 PUMP -8 JIC TO HELM **-6 JIC** TO PUMPS & COOLERS	
PT-13-B	VALVE ASSEMBLY 2 PUMP -8 JIC TO HELM **14 MM** TO PUMPS -6 JIC TO COOLERS	



P/N	VALVE ASSEMBLY "ELECTRIC"	PRICE
PT-5	VALVE ASSEMBLY 2 HELM 12 VOLT 3 WAY BALL VALVE W/MNT BRKT & -8 JIC ADAPTERS	
PT-3	VALVE ASSEMBLY 2 HELM 12 VOLT W/96.000" CORD	

PT-5

PT-3

P/N	VALVE ASSEMBLY "MANUAL"	PRICE
PT-4	VALVE ASSEMBLY 2 HELM MANUAL 3 WAY BALL VALVE W/MNT BRKT & -8 JIC ADAPTERS	

P/N	WING PLATE KITS	PRICE
WP-14-L	WING PLATE KIT ALPHA **LH 1 RAM** POLISHED 304 SS	
WP-14-R	WING PLATE KIT ALPHA **RH 1 RAM** POLISHED 304 SS	
WP-17	WING PLATE KIT ALPHA **2 RAMS** POLISHED 304 SS	
SK-7	SHOWER HOSE FOR ALPHA WING PLATE 3/8" MP X 23" LONG HOSE	

WP-14-L

WP-14-R

WP-17

P/N	WING PLATE KIT	PRICE
WP-7-LR	WING PLATE KIT SPEED MASTER 3 OR 5, 1 TIE BAR POLISHED 304 SS	

P/N	WING PLATE KITS	PRICE
WP-6-LR	WING PLATE KIT TRS **2 RAMS** POLISHED 304 SS	
WP-6-L	WING PLATE KIT TRS **LH 1 RAM** POLISHED 304 SS	
WP-6-R	WING PLATE KIT TRS **RH 1 RAM** POLISHED 304 SS	
WP-6-LT	WING PLATE KIT TRS **LH 1 RAM & 1 TIE BAR** POLISHED 304 SS	
WP-6-RT	WING PLATE KIT TRS **RH 1 RAM & 1 TIE BAR** POLISHED 304 SS	

WP-6-LR

WP-6-L

WP-6-R

WP-6-LT

WP-6-RT

P/N	WING PLATE KITS	PRICE
WP-11-LR	WING PLATE KIT MERCURY 300 X **1 RAM & 1 TIE BAR** POLISHED 304 SS	
WP-11-C	WING PLATE KIT MERCURY 300 X **2 TIE BARS** POLISHED 304 SS	

WP-11-LR

WP-11-C

P/N	WING PLATE KITS	PRICE
WP-9-LR	WING PLATE KIT MERCURY 2.5 EFI **1 RAM & 1 TIE BAR** POLISHED 304 SS	
WP-9-C	WING PLATE KIT MERCURY 2.5 EFI **2 TIE BARS** POLISHED 304 SS	

WP-9-LR

WP-9-C

P/N	WING PLATE KITS	PRICE
WP-26-LR	WING PLATE KIT MERCURY 200 225 250 300 XS **1 RAM & 1 TIE BAR** POLISHED 304 SS	
WP-26-C	WING PLATE KIT MERCURY 200 225 250 300 XS **2 TIE BARS** POLISHED 304 SS	

WP-26-LR

WP-26-C

P/N	WING PLATE KIT	PRICE
WP-25-LR	WING PLATE KIT EVINRUDE V6 E-TEC 1 RAM POLISHED 304 SS	

P/N	TILT PIN ASSEMBLIES	PRICE
TP-1	TILT PIN ASS. ALL MERCURY HP OUTBOARD MOTOR BRACKETS POLISHED 304 SS	
TP-8	TILT PIN ASS. EVINRUDE V6 1992 & LATER OUTBOARD MOTOR BRACKETS POLISH 304 SS	

STEERING WHEEL TURNS LOCK TO LOCK

1 RAM WITH A .625" DIA. ROD

HELM DISPLACEMENT	6.312" STROKE	8.250" STROKE	9.250" STROKE	10.250" STROKE
50 CC	**3.52**	4.4	4.84	5.28
75 CC	2.35	**2.94**	**3.23**	3.52
50/80 CC CAPILANO	**3.25/2.2**	**4.4/2.75**	**4.84/3.**	**5.28/3.3**
95 CC	1.85	2.32	2.55	**2.78**
120 CC	1.47	1.83	2.01	2.2
145 CC	1.22	1.51	1.67	1.82

TURNS LOCK TO LOCK

2 RAMS WITH .625" DIA. RODS

HELM DISPLACEMENT	6.312" STROKE	8.250" STROKE	9.250" STROKE	10.250" STROKE
75 CC	4.69	5.86	6.45	7.04
50/80 CC CAPILANO	**6.5/4.4**	**8.8/5.5**	**9.68/6.**	**10.56/6.6**
95 CC	3.7	4.63	5.09	5.55
120 CC	**2.93**	3.66	4.03	4.4
145 CC	2.42	**3.03**	3.33	3.64
160 CC	2.2	2.75	**3.02**	3.3
185 CC	1.9	2.37	2.61	**2.85**
230 CC	1.53	1.91	2.1	2.29

TURNS LOCK TO LOCK

2 RAMS WITH 1.000" DIA. RODS

HELM DISPLACEMENT	6.312" STROKE	8.250" STROKE	9.250" STROKE	10.250" STROKE
75 CC	3.6	5.2	6.	6.8
95 CC	**2.84**	4.1	4.73	5.36
50/80 CC CAPILANO	**5.4/3.36**	**7.8/4.86**	**9./5.62**	**10.2/6.36**
120 CC	2.25	**3.25**	3.75	4.25
145 CC	1.86	2.68	**3.1**	3.51
160 CC	1.68	2.43	2.81	**3.18**
185 CC	1.45	2.1	2.43	2.75
230 CC	1.17	1.69	1.95	2.21

TURNS LOCK TO LOCK

4 RAMS WITH 1.000" DIA. RODS

HELM DISPLACEMENT	6.312" STROKE	8.250" STROKE	9.250" STROKE	10.250" STROKE
145 CC	3.72	5.37	6.2	7.03
160 CC	3.37	4.87	5.62	6.37
185 CC	**2.91**	4.21	4.86	5.51
230 CC	2.31	**3.39**	3.91	4.43
295 CC	1.83	2.64	**3.05**	**3.45**

TURNS LOCK TO LOCK

STEERING WHEEL TURNS LOCK TO LOCK

IMCO XTREME GIMBAL

HELM DISPLACEMENT	ONE DRIVE	TWO DRIVES	THREE DRIVES
75 CC	3.6	7.2	10.8
95 CC	**2.84**	5.68	8.52
120 CC	2.25	4.5	6.75
145 CC	1.86	3.72	5.58
160 CC	1.68	3.37	5.06
185 CC	1.45	**2.91**	4.37
230 CC	1.17	2.31	3.52
295 CC	.91	1.83	**2.74**

TURNS LOCK TO LOCK

MERCURY NXT / 6A / M8 GIMBAL

HELM DISPLACEMENT	ONE DRIVE	TWO DRIVES	THREE DRIVES
75 CC	6.4	12.8	19.2
95 CC	5.05	10.1	15.15
120 CC	4.	8.	12.
145 CC	3.31	6.62	9.93
160 CC	**3.00**	6.	9.
185 CC	2.59	5.18	7.78
230 CC	2.08	4.17	6.26
295 CC	1.62	**3.25**	**4.88**

TURNS LOCK TO LOCK

MERCURY ITS GIMBAL

HELM DISPLACEMENT	ONE DRIVE	TWO DRIVES	THREE DRIVES
75 CC	3.86	7.73	11.6
95 CC	**3.05**	6.1	9.15
120 CC	2.41	4.83	7.25
145 CC	2.	4.	6.
160 CC	1.81	3.62	5.43
185 CC	1.56	**3.13**	4.7
230 CC	1.26	2.52	3.78
295 CC	.98	1.96	**2.94**

TURNS LOCK TO LOCK

TRANSOM BRACKET MOUNTING LOCATIONS

FOR TRANSOM BRACKETS W/BULKHEAD TUBES, AND BRAVO STER CAPS W/3.250" CLEVIS PIN CENTERS

RAM STROKE	ROD LENGTH	TURN RADIUS	TBML
8.250"	13.250"	48°	11.250"
8.250"	14.250"	43°	12.750"
8.250"	15.250"	40°	14.250"
8.250"	16.250"	38°	15.625"
8.250"	17.250"	37°	17.000"
9.250"	14.250"	48°	13.750"
9.250"	15.250"	46°	15.250"
9.250"	16.250"	44°	17.250"
9.250"	17.250"	42°	17.750"
10.250"	15.250"	48°	16.000"
10.250"	16.250"	47°	17.250"
10.250"	17.250"	46°	18.500"
10.250"	18.250"	45°	19.750"
10.250"	19.250"	44°	21.000"
10.250"	20.250"	43°	22.250"
10.250"	21.250"	42°	23.500"
10.250"	22.250"	41°	24.750"

FOR TRANSOM BRACKETS REVERSED, AND BRAVO STEERING CAPS W/3.250" CLEVIS PIN CENTERS

RAM STROKE	ROD LENGTH	TURN RADIUS	TBML
8.250"	13.250"	48°	9.750"
8.250"	14.250"	43°	11.250"
8.250"	15.250"	40°	12.750"
8.250"	16.250"	38°	14.125"
8.250"	17.250"	37°	15.500"
9.250"	14.250"	48°	12.250"
9.250"	15.250"	46°	13.750"
9.250"	16.250"	44°	15.750"
9.250"	17.250"	42°	16.250"
10.250"	15.250"	48°	14.500"
10.250"	16.250"	47°	15.750"
10.250"	17.250"	46°	17.000"
10.250"	18.250"	45°	18.250"
10.250"	19.250"	44°	19.500"
10.250"	20.250"	43°	20.750"
10.250"	21.250"	42°	22.000"
10.250"	22.250"	41°	23.250"

FOR TRANSOM BRACKETS W/BULKHEAD TUBES, AND BRAVO STER CAPS W/6.500" CLEVIS PIN CENTERS

RAM STROKE	ROD LENGTH	TURN RADIUS	TBML
6.375"	12.000"	44°	6.375"

FOR TRANSOM BRACKETS REVERSED, AND BRAVO STEERING CAPS W/6.500" CLEVIS PIN CENTERS

RAM STROKE	ROD LENGTH	TURN RADIUS	TBML
6.375"	12.000"	44°	4.875"

IMCO

Quality Marine Products

PRICES
All prices are subject to change without written or verbal notice.
Written price quotes from IMCO are valid for 5 days.
Price sheets are intended for use as a guideline only.
All products will be shipped at current or quoted prices.

PAYMENT TERMS AND CONDITIONS
We accept Visa or MasterCard, orders shipped COD are cashiers check or money order only, unless a company check OK form has been approved by IMCO.
Prepayment is accepted with cashiers, business or personal check.
All business or personal checks will delay shipping approximately 10 days, until the check has cleared.
Requests for company check approval must be submitted along with: your business bank's complete name, address, fax and telephone numbers; names, complete addresses, and telephone/fax numbers of at least 4 current marine industry vendors.

SPECIAL ORDERS
Special order merchandise requires 50% deposit in advance.
Deposits are non-refundable once the merchandise is ordered or after work has begun in the manufacturing of such merchandise.

FREIGHT
All orders will be shipped by IMCO'S carrier of choice, "UPS, FedEx or BAX Global"
Shipments other then UPS, FedEx or BAX Global, must be arranged by the customer and handled by the customer.
All orders will be shipped F.O.B. Boulder City, Nevada.
Any shortage claims must be reported within 48 hours of receipt.
Shipment damage claims must be made directly with the freight carrier.
Do not return damaged products to IMCO. Such shipments will not be accepted.
Handling charges are added to the freight charge and included in the freight amount on the invoice.
Expediting charges may also apply.

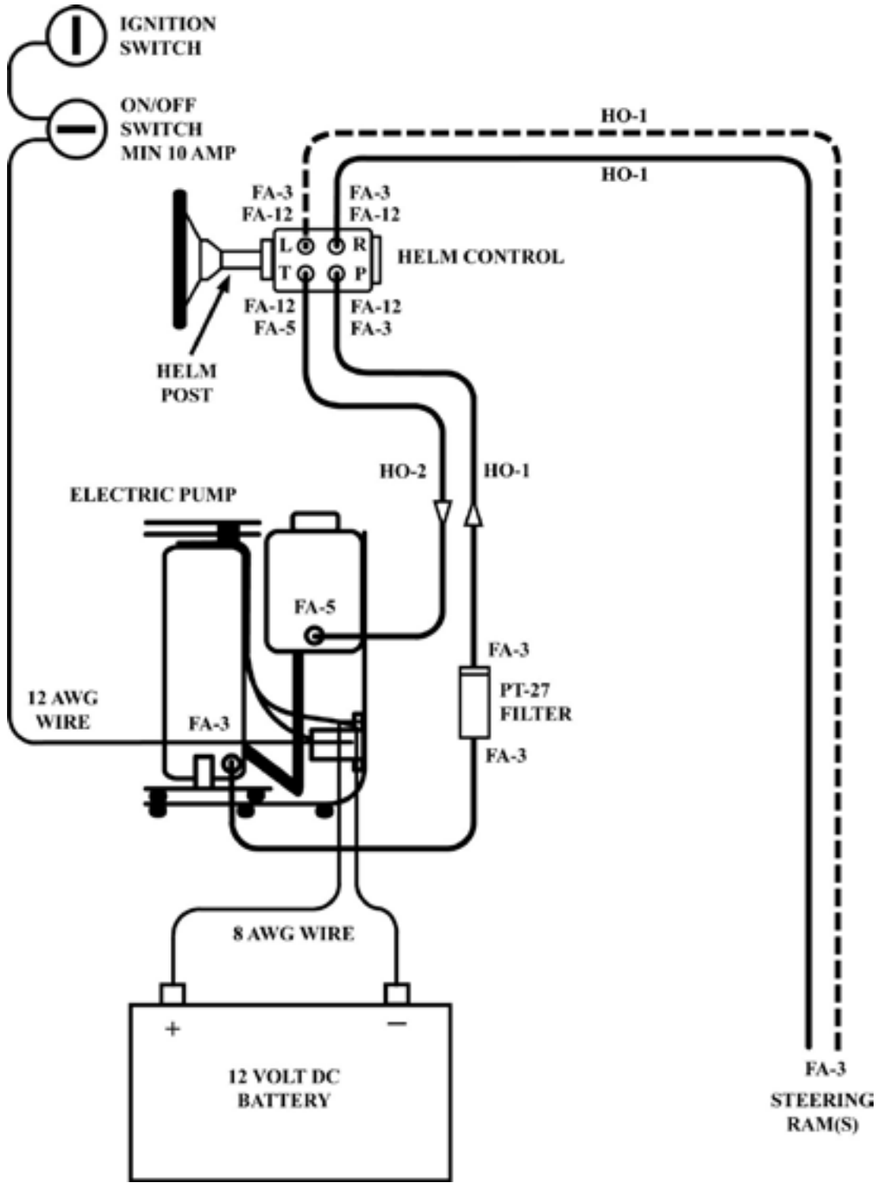
RETURNS
Merchandise may be returned only with a RA # from IMCO, All other returns will be refused.
There will be a 15% restocking charge on all returned merchandise, unless prior arrangements have been made.
Merchandise must be returned prepaid, accompanied by a photocopy of the original invoice on which it was purchased. NO RETURNS AFTER 60 DAYS.

LIMITED WARRANTY
IMCO products are warranted to be free of defects in material and workmanship for a period of 12 months from date of invoice, defective merchandise can only be returned with a RA # from IMCO or it will be refused!
IMCO will at their discretion based on their evaluation either repair, replace or return the merchandise, IMCO will in no way be liable for more then IMCO'S original products!

P/N	HELM CONTROL & HOSE KIT W/ELECTRIC PUMP "2.94 OR 5.2 TURNS LOCK TO LOCK"	PRICE
HK-29	HOSE KIT 1 SR-8-5-13 RAM OR 2 SR-8-1-13 RAMS, 1 HELM	
	PARTS	**QTY**
FA-12	ADAPTER 3/4" O-RING TO -6 JIC	4
0032	ELECTRIC POWER STEERING PUMP	1
HC-1	HELM CONTROL 75 CC	1
HO-1	HOSE 5/16" HP FIELD ATTACH	720"
HO-2	HOSE 3/8" LP PUSHLOC	240"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	8
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	2
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-27	OIL FILTER ASSEMBLY	1

P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

HK-29



NOTE: THIS KIT IS DESIGN TO REPLACE A IMCO MANUAL HELM SYSTEM

P/N	HELM CONTROL & HOSE KIT W/ELECTRIC PUMP "ADD ON SYSTEM"	PRICE
HK-30	HOSE KIT ELECTRIC PUMP ADD ON SYSTEM	
	PARTS	**QTY**
FA-12	ADAPTER 3/4" O-RING TO -6 JIC	2
FA-13	ADAPTER 3/4" O-RING TO -8 JIC	2
0029	DASHBOARD COVER PLATE	1
0032	ELECTRIC POWER STEERING PUMP	1
HC-1	HELM CONTROL 75 CC	1
HO-1	HOSE 5/16" HP FIELD ATTACH	240"
HO-2	HOSE 3/8" LP PUSHLOC	240"
FA-3	HOSE FITTING -6 JIC TO 5/16" HP FIELD ATTACH	4
FA-5	HOSE FITTING -6 JIC TO 3/8" LP PUSHLOC	2
FA-35	HOSE FITTING MANDREL -6 JIC	1
PT-27	OIL FILTER ASSEMBLY	1

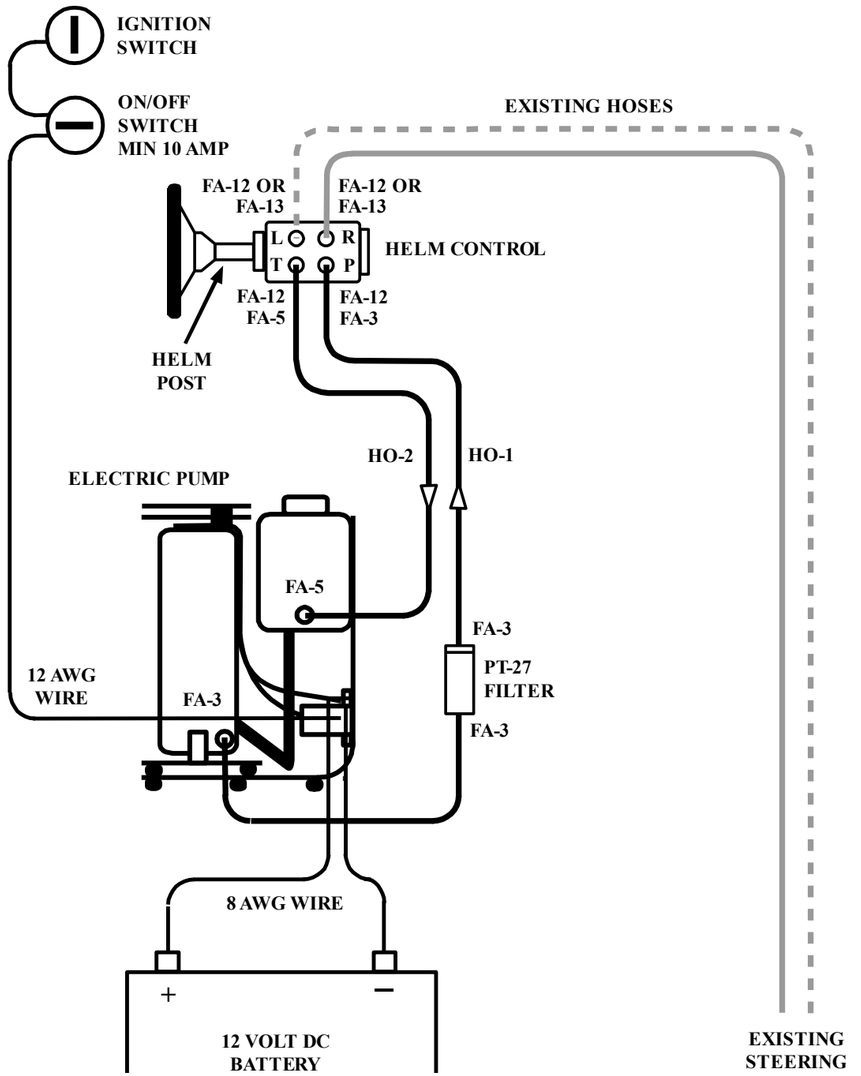
P/N	ADDITIONAL ITEMS TO COMPLETE THIS SYSTEM	PRICE
	FIXED HELM POST	
HP-0	HELM POST **90° X 2.875"** DASH BOARD TO HUB FACE	
HP-2	HELM POST **90° X 4.250"** DASH BOARD TO HUB FACE	
HP-5	HELM POST **90° X 7.250"** DASH BOARD TO HUB FACE	
HP-8	HELM POST **90° X 10.250"** DASH BOARD TO HUB FACE	
HP-4	HELM POST **15° X 5.000"** DASH BOARD TO HUB FACE	
HP-7	HELM POST **15° X 8.000"** DASH BOARD TO HUB FACE	
HP-10	HELM POST **15° X 11.000"** DASH BOARD TO HUB FACE	
	TILT HELM POST	
HP-16	HELM POST TILT X **4.625"** DASH BOARD TO HUB FACE	
HP-19	HELM POST TILT X **7.125"** DASH BOARD TO HUB FACE	
	REMOVABLE HELM POST	
HP-24	HELM POST REMOVABLE POST **90° X 7.000"** DASH BOARD TO HUB FACE	
HP-23	HELM POST REMOVABLE PLUG	
HP-25	HELM POST BASE	
	STEERING WHEEL	
SW-2	STER WHEEL BLACK VINYL GRIP W/POLISHED ALUM SPOKES	

HK-30

IMCO-NV

ELECTRIC SINGLE PUMP
"PLUMBING & ELECTRICAL SCHEMATIC"

NOTE: MOUNT ELECTRIC PUMP IN A DRY VENTILATED AREA!



P/N	ELECTRIC POWER STEERING PUMP 12 VDC	PRICE
0032	ELECT POWER STER PUMP 12 VDC 1.8 GPM "FOR USE W/MAX.75CC HELM CONTROL"	

NOTES: **PUMP SPECIFICATIONS**

1. VOLTS DC: 12, CONTINUOUS RUNNING "THIS MEANS NO STEERING HESITATION"
2. AMPS: NO STEERING 12, STEERING 22- 40, FULL LOCK 66
3. GPM: 1.8
4. DIMENTIONS: 11.500" TALL 6.000" WIDE 9.250" LONG
5. WEIGHT: 17.8 LBS

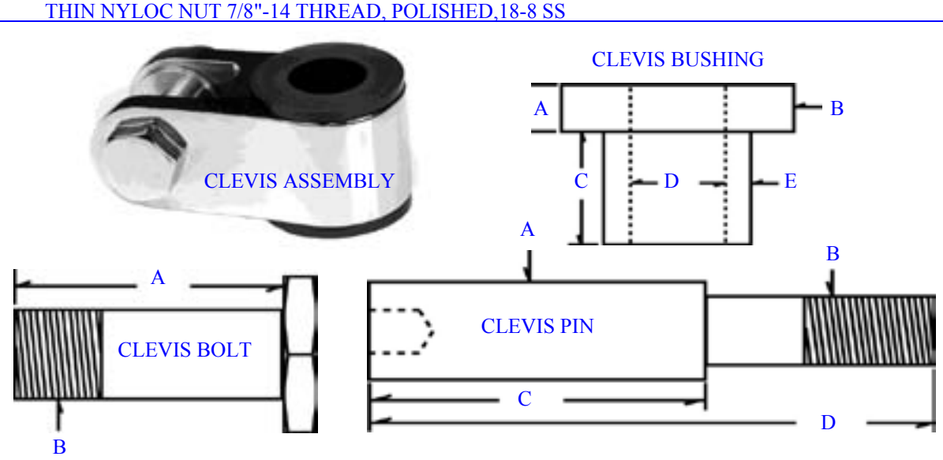
P/N	CLEVIS ASSEMBLIES	PRICE
MP-14	CLEVIS ASSEMBLY .750" ID BUSHING X .500" DIA BOLT POLISHED 316/304 SS	
MP-25	CLEVIS ASSEMBLY .875" ID BUSHING X .625" DIA BOLT POLISHED 316/304 SS	
TB-7	CLEVIS ASSEMBLY 1.00" ID BUSHING X .625" DIA BOLT POLISHED 316/304 SS	
TB-40	CLEVIS ASSEMBLY 1.25" ID BUSHING X .875" DIA BOLT POLISHED 316/304 SS	

P/N	CLEVIS BOLTS	PRICE
MP-7	CLEVIS BOLT **A** 1.600" LONG, **B** 1/2"-20 THREAD, POLISHED 304 SS	
MP-4	CLEVIS BOLT **A** 1.955" LONG, **B** 5/8"-18 THREAD POLISHED 304 SS	
TB-13	CLEVIS BOLT **A** 2.280" LONG, **B** 5/8"-18 THREAD POLISHED 304 SS	
TB-46	CLEVIS BOLT **A** 2.870" LONG, **B** 7/8"-14 THREAD POLISHED 304 SS	

P/N	CLEVIS BUSHINGS "POLYURETHANE"	PRICE
MP-3	CLEVIS BUSHING **A** .148" THICK, **B** 1.453" OD, **C** .533" LONG, **D** .750" ID, **E** 1.133" OD	
0026	CLEVIS BUSHING **A** .214" THICK, **B** 1.453" OD, **C** .533" LONG, **D** .750" ID, **E** 1.133" OD	
MP-49	CLEVIS BUSHING **A** .145" THICK, **B** 1.720" OD, **C** .570" LONG, **D** .875" ID, **E** 1.387" OD	
TB-18	CLEVIS BUSHING **A** .198" THICK, **B** 1.944" OD, **C** .650" LONG, **D** 1.00" ID, **E** 1.505" OD	
TB-48	CLEVIS BUSHING **A** .215" THICK, **B** 2.450" OD, **C** .850" LONG, **D** 1.25" ID, **E** 1.875" OD	

P/N	CLEVIS PINS	PRICE
MP-12	CLEVIS PIN **A** .750" OD, **B** 1/2"-20 THREAD, **C** 2.000" SHOLDER, **D** 2.870" OAL, 304 SS	
MP-9	CLEVIS PIN **A** .750" OD, **B** 1/2"-20 THREAD, **C** 2.050" SHOLDER, **D** 3.200" OAL, 304 SS	
MP-8	CLEVIS PIN **A** .750" OD, **B** 1/2"-20 THREAD, **C** 4.040" SHOLDER, **D** 5.190" OAL, 304 SS	
MP-6	CLEVIS PIN **A** .875" OD, **B** 5/8"-18 THREAD, **C** 2.600" SHOLDER, **D** 4.360" OAL, 304 SS	

P/N	THIN NYLOC NUTS	PRICE
MP-65	THIN NYLOC NUT 1/2"-20 THREAD, 18-8 SS	
MP-50	THIN NYLOC NUT 5/8"-18 THREAD, POLISHED,18-8 SS	
MP-51	THIN NYLOC NUT 3/4"-16 THREAD, POLISHED,18-8 SS	
MP-66	THIN NYLOC NUT 7/8"-14 THREAD, POLISHED,18-8 SS	



P/N	CLEVIS STUD ASSEMBLIES	PRICE
MP-13	CLEVIS STUD ASSEMBLY .750" BUSHING & STUD DIA X 4.000" OAL POLISHED 304 SS	
TB-17	CLEVIS STUD ASSEMBLY 1.00" BUSHING & STUD DIA X 5.375" OAL POLISHED 304 SS	
TB-20	CLEVIS STUD ASSEMBLY 1.00" BUSHING & STUD DIA X 8.125" OAL POLISHED 304 SS	
TB-43	CLEVIS STUD ASSEMBLY 1.25" BUSHING & STUD DIA X 6.625" OAL POLISHED 304 SS	