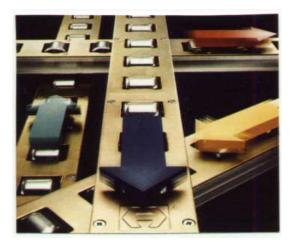


ROLLER TRACK SYSTEM

PARTS MANUAL





Sold and Serviced by:



LOADING AUTOMATION, INC. Automated Shipping and Receiving Systems www.Loading-Automation.com

LOADING AUTOMATION, INC is proud to announce they are now the exclusive suppliers of the Hydraroll roller track and power systems throughout North America.



The Hydraroll product line has long been associated with quality and reliability in the material handling industry. Specializing in the air cargo, automotive, food and beverage, and other palletized product lines, their products will be an asset to the already impressive line of material handling systems available through Loading Automation, Inc.

Please contact us today and allow us to show you how we can help you with your material handling.

Sincerely,

William M. Witwer

William M. Witwer Director of Sales Loading Automation, Inc. BillWitwer@Loading-Automation.com

My office phone & fax number: 610-777-1516

Please visit our web-site at: www.Loading-Automation.com

P.O. BOX 4820, WILMINGTON, NC 28406 Tel. 910-791-2125 Fax. 910-452-3889

ROLLER TRACK SYSTEMS TABLE OF CONTENTS:

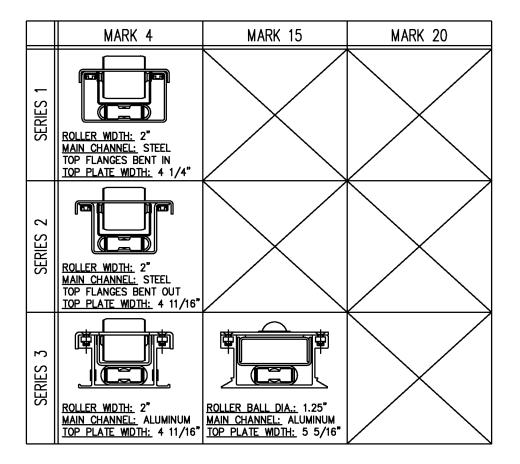
***DESCRIPTION**

*PAGE NUMBER

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***TO VIEW A SPECIFIC TYPE OF ROLLER TRACK SYSTEM, CLICK ON THE DESCRIPTION OR PAGE NUMBER OF THE RESPECTIVE ROLLER TRACK SYSTEM.**

*PLEASE CLICK ON THE PICTURE ICONS TO VIEW ROLLER TRACK SYSTEMS

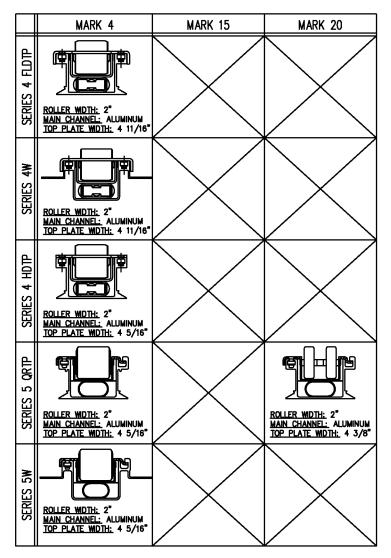


*SOME OLDER ROLLER TRACK SYSTEM TYPES ARE NOT SHOWN IN THIS MANUAL. IF YOUR ROLLER TRACK SYSTEM TYPE IS NOT SHOWN IN THIS MANUAL, PLEASE CONTACT LOADING AUTOMATION BY PHONE, FAX, OR E-MAIL.

SERIES 1: PRE 1984 PRODUCTION SERIES 2: 1984–1986 PRODUCTION SERIES 3: 1986–1995 PRODUCTION SERIES 4: 1995–1999 PRODUCTION SERIES 5: 1999–PRESENT PRODUCTION SEE DRAWING RA00001358 FOR SERIES 4 AND 5

	g file name									
RA000	135A-LAI	E.C.N.	LTR		DESCRIPTION	OF CHANGE		DATE	BY	СНК'Д
UNLESS	RANCES OTHERWISE ECIFIED	DISTRIBUTED BY: LOADING AUTOMATION SIJO ENTERPRISE DR WILLINGTON, NC 2844 TEL 910-791-2125 FAX. 910-452-3869		R. 405	USE ONLY GENI HYDRAROLL PA		ARTS			
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*PLEASE CLICK ON THE PICTURE ICONS TO VIEW ROLLER TRACK SYSTEMS



*SOME OLDER ROLLER TRACK SYSTEM TYPES ARE NOT SHOWN IN THIS MANUAL. IF YOUR ROLLER TRACK SYSTEM TYPE IS NOT SHOWN IN THIS MANUAL, PLEASE CONTACT LOADING AUTOMATION BY PHONE, FAX, OR E-MAIL.

		9 FLE NAME 1358—LAI	E.C.N.	LTR	Description of Chai	NGE	DATE	BY	СНКЪ
SERIES 1: PRE 1984 PRODUCTION SERIES 2: 1984-1986 PRODUCTION SERIES 3: 1986-1995 PRODUCTION	UNLESS	RANCES OTHERWISE COFFED	DISTRIE		CADING AUTOM 3310 ENTERPRIS WILMINGTON, NO TEL, 910–791–7 FAX, 910–452–	SE DR. 28405	HYDR/		D
SERIES 4: 1995–1999 PRODUCTION SERIES 5: 1999–PRESENT PRODUCTION	.xxx	±		3/14/0)3 E.C.N.		195020	0. 000	
SEE DRAWING RA0000135A FOR SERIES 1, 2 AND 3	ANGLES	±		TRA	ACK REFERENCE	GUIDE;	S4 8	: S5	
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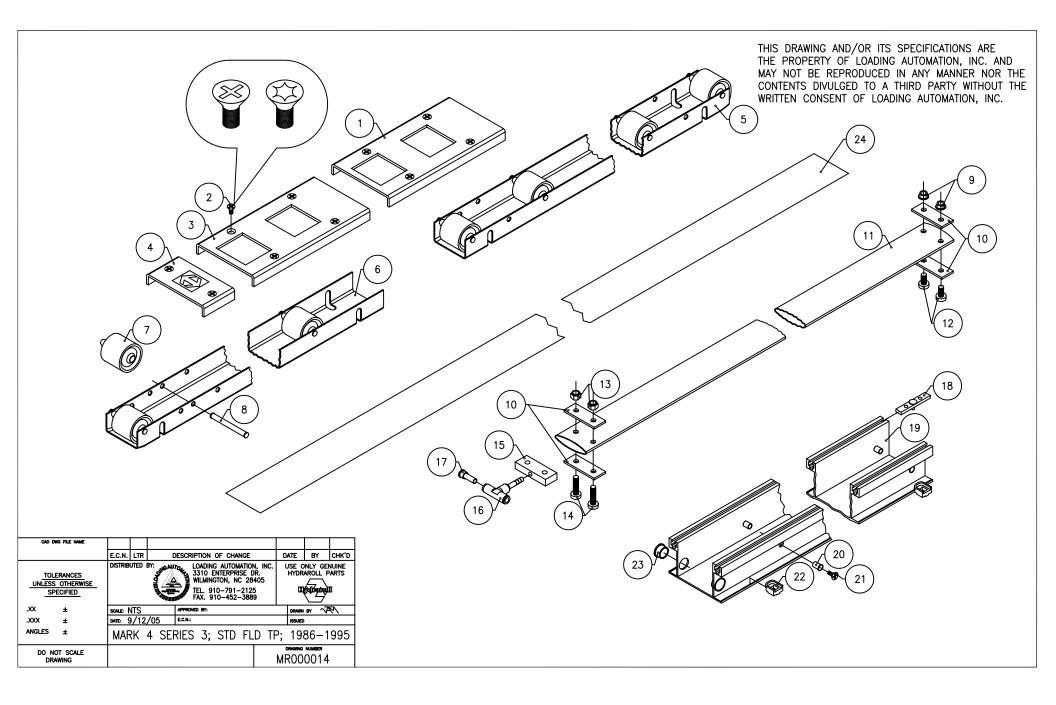


MARK 4 ROLLER TRACK SYSTEMS





Sold and Serviced by:



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1	TOP PLATE; MARK 4, SERIES 3; FRONT (CLAMP); FOLDED 4 5/8" W × 64" L; 6" PITCH (11 ROLLERS)	741007	1
1	TOP PLATE; MARK 4, SERIES 3; FRONT (CLAMP); FOLDED 4 $5/8$ " W x 64" L; 4" PITCH (16 ROLLERS)	741015	1
2	TOP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHILLIPS)) 943002	26
2	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30)	943003	26
3	TOP PLATE; MARK 4, SERIES 3; REAR (INLET); FOLDED	741006	1
	4 5/8" W x 59 1/2" L; 6" PITCH (10 RÓLLERS)		
3	TOP PLATE; MARK 4, SERIES 3; REAR (INLET); FOLDED 4 5/8" W x 59 1/2" L; 4" PITCH (15 ROLLERS)	741005	1
4	LOGO PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 2 1/2" L	741012	1
5	ROLLER CHANNÉL ASSEMBLY; FRONT (CLAMP) SEE DRAWING MR000014H	ASSEMBLY ONLY	1
6	ROLLER CHANNEL ASSEMBLY; REAR (INLET) SEE DRAWING MR000014H	ASSEMBLY ONLY	1
7	ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE	743002	23, 28 OR 34
8	ROLLER PIN; MARK 4; 2"	743001	23, 28 OR 34
9*	NUT; 8mm FLANGED	ASSEMBLY ONLY	2
10*	CLAMP PLATE	ASSEMBLY ONLY	4
11	AIR BAG; MARK 4; 2 1/2" FLAT	760006	11'-6"
12*	SCREW; 8mm-20 x 16mm	ASSEMBLY ONLY	2
13*	NYLON LOCKNUT; 8mm	ASSEMBLY ONLY	2
14*	SCREW; 8mm-20 x 30mm	ASSEMBLY ONLY	2
15	RUBBER INSERT PLUG; MARK 4	/6300/	1
16	AIR BAG TEE; 5/16 UD	/63006	
17	BLANKING PLUG; 5/16 UD	773009	AS REQ D
18 19	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 11'-6" L	944004	26 1
20	MAIN CHANNEL; ALUMINUM; II-6 L AVDEL GUIDE PIN	744005 941004	1 10
20	SCREW; 6mm x 14mm; PHILLIPS DRIVE	943002	10
22	TRACK MOUNTING CLIP	714011	
23	AIR LINE GROMMET	714004	2
24	ACETAL STRIP; 2 13/16" WIDE	714007	12'-6"
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 2 0
	NOT SHOWN:		
	TOP PLATE; MARK 4, SERIES 3; FOLDED	741011	1
	45/8" W x 12" L; 6" PITCH (2 ROLLERS)	744047	4
	TOP PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W × 12" L; 4" PITCH (3 ROLLERS)	741017	I
	ROLLER CHANNEL ASSEMBLY; 12" SECTION SEE DRAWING MR000014H	ASSEMBLY ONLY	1
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 11'-6" L (incl. 9-16)	760009	1
	MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR000014H		
	* AVAILABLE ONLY AS PART OF KIT 762001		
CAD DWG FILE NAME			
<u> </u>	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: SGAUTO, LOADING AUTOMATION, INC. USE ONLY GENUINE		
TOLERANCES UNLESS OTHERWISE SPECIFIED	STATUS 3310 ENTERPRISE DR. HYDRAROLL PARTS		
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ANGLES ±	MARK 4 SERIES 3. STD FLD TP. 1986-1995 MAY NOT	BE REPRODUCED IN AN DIVULGED TO A THIRD	Y MANNER NOR THE
DO NOT SCALE		CONSENT OF LOADING A	
DRAWING	TT-6 MODULES MR000014A		

			
ITEM NUMBER	DESCRIPTION	PART NUMBER	
1	TOP PLATE; MARK 4, SERIES 3; FRONT (CLAMP); FOLDED 4 5/8" W x 64" L; 6" PITCH (11 ROLLERS)	741007	1
1	TOP PLATE; MARK 4, SERIES 3; FRONT (CLAMP); FOLDED 4 5/8" W x 64" L; 4" PITCH (16 ROLLERS)	741015	1
2	TOP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHILLIPS		22
23	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 3; REAR (INLET); FOLDED	943003 741006	22 1
3	4 5/8" W x 59 1/2" L; 6" PITCH (10 ROLLERS) TOP PLATE; MARK 4, SERIES 3; REAR (INLET); FOLDED	741005	1
	4 5/8" W x 59 1/2" L; 4" PITCH (15 RÓLLERS)		
4	LOGO PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 2 1/2" L	741012	1
5	ROLLER CHANNEL ASSEMBLY; FRONT (CLAMP) SEE DRAWING MR000014H	ASSEMBLY ONLY	1
6	4 5/8" W x 2 1/2" L ROLLER CHANNEL ASSEMBLY; FRONT (CLAMP) SEE DRAWING MR000014H ROLLER CHANNEL ASSEMBLY; REAR (INLET) SEE DRAWING MR000014H ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4 AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 10'-6" L AVDEL GUIDE PIN SCREW; 6mm x 14mm; PHILLIPS DRIVE TRACK MOUNTING CLIP AIR LINE GROMMET	ASSEMBLY ONLY	1
7	ROLLER; MARK 4; 2"	743002	21, 26 OR 31
8	ROLLER PIN; MARK 4; 2"	743001	21, 26 OR 31
10*	CLAMP PLATE	ASSEMBLY ONLY	2 4
11	AIR BAG; MARK 4; 2 1/2" FLAT	760006	10'-6"
12*	SCREW; 8mm-20 x 16mm	ASSEMBLY ONLY	2
13*	NYLON LOCKNUI; 8mm SCREW: 8mm-20 x 30mm	ASSEMBLY ONLY	2 2
14	RUBBER INSERT PLUG: MARK 4	763007	1
16	AIR BAG TEE; 5/16" OD	763006	1
17	BLANKING PLUG; 5/16" OD	773009	AS REQ'D
18	NUT BAR; 6mm	944004	22 1
20	AVDEL GUIDE PIN	941004	8
21	SCREW; 6mm x 14mm; PHILLIPS DRIVE	943002	8
22	TRACK MOUNTING CLIP	714011	6
23 24	AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE	714004 714007	2 11'-6"
	ACEIAE SINNI, 2 13/10 WIDE	714007	
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12-16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 10'-6" L (incl. 9-16)	760008	1
	MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR000014H		
	* AVAILABLE ONLY AS PART OF KIT 762001		
CAD DWG FILE NAME			
TOLERANCES UNLESS OTHERWISE SPECIFIED	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: LOADING AUTOMATION, INC. WILLINGTON, NC 28405 TEL. 910-791-2125 FAX. 910-452-3889		
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ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1	TOP PLATE; MARK 4, SERIES 3; FRONT (CLAMP); FOLDED 4 5/8" W × 46" L; 6" PITCH (8 ROLLERS)	741018	1
1	TOP PLATE; MARK 4, SERIES 3; FRONT (CLAMP); FOLDED 4 5/8" W × 46" L; 4" PITCH (11 ROLLERS)	741019	1
2	TOP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHILLIPS)		20
2 2 3	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30)	943003 741006	20 1
J	TOP PLATE; MARK 4, SERIES 3; REAR (INLET); FOLDED 4 5/8" W × 59 1/2" L; 6" PITCH (10 ROLLERS)	741000	I
3	TOP PLATE; MARK 4, SERIES 3; REAR (INLET); FOLDED 4 5/8" W x 59 1/2" L; 4" PITCH (15 ROLLERS)	741005	1
4	1000 PLATE MARK & SERIES 3 FOLDED	741012	1
5	ROLLER CHANNEL ASSEMBLY; FRONT (CLAMP)	ASSEMBLY ONLY	1
6	4 5/8" W x 2 1/2" L ROLLER CHANNEL ASSEMBLY; FRONT (CLAMP) SEE DRAWING MR000014H ROLLER CHANNEL ASSEMBLY; REAR (INLET) SEE DRAWING MR000014H ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4 AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 9'-0" L	ASSEMBLY ONLY	1
7	ROLLER; MARK 4; 2"	743002	18 OR 26
8	ROLLER PIN; MARK 4; 2"	743001	18 OR 26
9*	NUT; 8mm FLANGED	ASSEMBLY ONLY	2
10*	CLAMP PLAIE AIR BACY MARK 4, 2, 1/2" FLAT	ASSEMBLY UNLY	4 9'-0"
12*	SCREW; 8mm-20 x 16mm	ASSEMBLY ONLY	2
13*	NYLON LOCKNUT; 8mm	ASSEMBLY ONLY	2 2 2
14*	SCREW; 8mm-20 x 30mm	ASSEMBLY ONLY	2
15 16	AUB BAC TEES 5/16" OD	763007	1 1
17	BLANKING PLUG: 5/16" OD	773009	AS REQ'D
18	NUT BAR; 6mm	944004	20
	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 9'-0" L		1
20	AVIJEL GUILLE PIN	941004	8
21 22	SCREW; 6mm x 14mm; PHILLIPS DRIVE TRACK MOUNTING CLIP	943002 714011	8 8 6
23	AIR LINE CROMMET	714004	2
24	ACETAL STRIP; 2 13/16" WIDE	714007	10'-0"
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 9'-0" L (incl. 9-16)	760004	1
	MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR000014H		
	* AVAILABLE ONLY AS PART OF KIT 762001		
CAD DWG FILE NAME	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
TOLERANCES UNLESS OTHERWISE SPECIFIED	LC.N. LIR DESCRIPTION OF CHANGE DATE BY CHK D DISTRIBUTED BY CAUTO, LOADING AUTOMATION, INC. WILLINGTON, NC 28405 TEL. 910-791-2125 TEL. 910-791-2125 TEL. 910-791-2125		
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DO NOT SCALE DRAWING		CONSENT OF LOADING AU	

ITEM NUMBER	DESCRIPTION	PART NUMBER	
	DESCRIPTION DOES NOT APPLY TO THIS LENGTH MODULE		REQUIRED
2 TC 2 3	DP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHILLIPS) TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 3; FOLDED	943003 741042	12 1
4	LOGO PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W × 2 1/2" L	741012	1
5 6	DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 3 SEE DRAWING MR000014H	ASSEMBLY ONLY	1
7 8 9* 10* 11 12* 13* 14* 15 16 17 18 19 20 21 22 23 24	4 5/8" W x 59 3/8" L; 4" PIICH (15 ROLLERS) LOGO PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 2 1/2" L DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 3 SEE DRAWING MR000014H ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4 AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 61 7/8" L AVDEL GUIDE PIN SCREW; 6mm x 14mm; PHILLIPS DRIVE TRACK MOUNTING CLIP AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE	714011 714004	6 2
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 5'-2" L (incl. 9-16)	760000	1
	MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR000014H		
	* AVAILABLE ONLY AS PART OF KIT 762001		
CAD DWG FILE NAME	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: JEANTO, LOADING AUTOMATION, INC. USE ONLY GENUINE		
TOLERANCES UNLESS OTHERWISE SPECIFIED	DISTRIBUTED BY: CAUTO, LOADING AUTOMATION, INC. USE ONLY GENUINE WILLINGTON, NC 28405 TEL 910-791-2125 TEL 910-791-2125 TAX. 910-452-3889		
.XX ± .XXX ±	DATE: 9/12/05 EC.M.: ISSUED THE PROF	VING AND/OR ITS SPEC PERTY OF LOADING AUT BE REPRODUCED IN AI	OMATION, INC. AND
DO NOT SCALE DRAWING	MARK 4 SERIES 3; SID FLD IP; 1960-1995 CONTENTS	DIVULGED TO A THIRD CONSENT OF LOADING A	PARTY WITHOUT THE

ITEM NUMBER	DESCRIPTION	PART NUMBER	
1 2	DOES NOT APPLY TO THIS LENGTH MODULE TOP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHILLIPS	5) 943002	10
2 3	TOP PLATE SCREW; 6mm x 16mm TORX DRIVÈ (T30) TOP PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 45 1/2" L; 6" PITCH (8 ROLLERS)	943003 741020	10 1
3	TOP PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 45 1/2" L; 4" PITCH (11 ROLLERS)	741014	1
4 5	LOGO PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 2 1/2" L DOES NOT APPLY TO THIS LENGTH MODULE	741012	1
6	ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 3		1
7 8 9*	SEE DRAWING MR000014H ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE	743002 743001 ASSEMBLY ONLY	8 OR 11 8 OR 11 2
10* 11	7117 D70, 107117 1, 2 1/2 1071	ASSEMBLY ONLY 760006	1 0
12* 13* 14*			2 2 2
15 16 17	SCREW; 8mm–20 x 30mm RUBBER INSERT PLUG; MARK 4 AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD	763007 763006 773009	1 1 AS REQ'D
18 19	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 4'–0" L	944004 744004	10 1
20 21 22	AVDEL GUIDE PIN SCREW; 6mm x 14mm; PHILLIPS DRIVE TRACK MOUNTING CLIP	941004 943002 714011	2 2 6
23 24	AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE	714004 714007	2 5'-0"
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 4'-0" L (incl. 9-16)	760002	1
	MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR000014H		
	* AVAILABLE ONLY AS PART OF KIT 762001		
CAD DWG FILE NAME	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: LOADING AUTOMATION, INC. STATUTOL LOADING AUTOMATION, INC. USE ONLY GENUINE HYDRAROLL PARTS		
UNLESS OTHERWISI SPECIFIED	TEL. 910–791–2125 FAX. 910–452–3889	wing and/or its specif	TICATIONS ARE
.XXX ± ANGLES ±	MARK 4 SERIES 3; STD FLD TP; 1986–1995	PERTY OF LOADING AUTO BE REPRODUCED IN ANY S DIVULGED TO A THIRD CONSENT OF LOADING AU	MATION, INC. AND ' MANNER NOR THE PARTY WITHOUT THE
DO NOT SCALE DRAWING	4'-0" MODULES MR000014E	CONCERN OF LOADING AU	

TEM Description PART NUMBER REQUIRED 1 DOES NOT APPLY TO THIS LENGTH MODULE 943003 10 2 TOP PLATE: SCREW, 6mm x 16mm SUPPADRNE (PHILUPS) 943003 10 3 TOP PLATE: MARK 4, SERES 3; FOLDED 741022 1 4 5/5" W. 25 TW; 6mm x 16mm ToRX DOULE 741022 1 5 DOES NOT APPLY TO THIS LENGTH MODULE 741012 1 6 ROLLER NN: MARK 4, SERES 3; FOLDED 741012 1 7 ROLER PN: MARK 4, 22' 743002 8 8 ROLLER NN: MARK 4; 2' 743001 8 9* NUT; 8mm FLANED ASSEMBLY ONLY 2 10* CLAMP PLATE: MARK 4; 2' 743001 8 9* NUCN LOCKNUT; 8mm ASSEMBLY ONLY 2 10* CLAMP PLATE: MARK 4; 2' 743002 8 9* NUCN LOCKNUT; 8mm ASSEMBLY ONLY 2 10* RUBANNG PLUC; MARK 4; 2' 743000 8 11* AR BAG SCREW; MARK 4; 2' 73000	[
1 DOES NOT APPLY TO THIS LENGTH MODULE 943003 10 2 TOP PLATE: SCREW; 6mm x 16mm 30K PMADRIVE (PHILLPS) 943003 10 3 4 5/8" Wx 31 /2" L: 4 10 4 LOGO PLATE; MARK 4, SERIES 3; FOLDED 741012 1 5 DOES NOT APPLY TO THIS LENGTH MODULE 741012 1 6 ROLLER NANNEL ASSEMBLY; MARK 4, SERIES 3; ASSEMBLY ONLY 1 7 RR COLER PN: MARK 4; 2" 743002 8 9+ NUT; 8mm ELNAGED ASSEMBLY ONLY 1 10+ CLAMP PLATE ASSEMBLY ONLY 2 10+ CLAMP PLATE ASSEMBLY ONLY 2 10+ CLAMP PLATE ASSEMBLY ONLY 2 12* SCREW; 8mm -20 x 16mm ASSEMBLY ONLY 2 13* NYLON LOCKNUT; 8mm ASSEMBLY ONLY 2 14* SCREW; 8mm -20 x 30mm ASSEMBLY ONLY 2 14* SCREW; 8mm -20 x 30mm ASSEMBLY ONLY 2 14* SCREW, 6mm -20 x 30mm ASSEMBLY ONLY <td< td=""><td>ITEM</td><td></td><td>PART</td><td>NUMBER</td></td<>	ITEM		PART	NUMBER	
IDP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHLILPS) 943002 10 10P PLATE SCREW; 6mm x 16mm T0RX BRVE (T30) 943002 10 14 5/6" WX 33 1/2"L (±" PTCH (B ROLLERS) 741022 1 15 DOE NOT APPLY TO THIS LENGTH MODULE 1 45/6" WX 2 1/2"L 1 15 DOES NOT APPLY TO THIS LENGTH MODULE 6 ROLLER (HANKEL ASSEMBLY) MARK 4, 2" 743001 8 17 DOES NOT APPLY TO THIS LENGTH MODULE 6 ROLLER (HANKEL ASSEMBLY) MARK 4, 2" 743001 8 10* CLAMP FLATE ASSEMBLY ONLY 2 743001 8 10* CLAMP FLATE ASSEMBLY ONLY 2 743001 8 10* CLAMP FLATE ASSEMBLY ONLY 2 76 76 76 11* AR BAG; MARK 4; 21/2" FLAT 760006 G3"-0" 7 76 76 76 76 76 76 76 76 76 76 76 76 70 1 14 8 8 10 1 1 1 1 1 1 1 1	NUMBER	DESCRIPTION	NUMBER	REQUIRED	
IDP PLATE SCREW; 6mm x 16mm SUPRAPRIVE (PHILLIPS) 943002 10 IDP PLATE SCREW; 6mm x 4 6mm TOR MARK (120) 943002 10 IDP PLATE WARK 4, SERIES 3; FOLDED 741022 1 4 5/6" W x 33 1/2" (±" PTICH (6 ROLLERS) 1 1 5 DOES NOT APPLY TO THIS LENGTH MODULE 6 ROLLER WARK 4, SERIES 3, ASSEMBLY ONLY 1 6 ROLLER MARK 4, 2" 743001 8 9 NUT; 8mm FLANGED ASSEMBLY ONLY 2 10* CLAMP FLATE ASSEMBLY ONLY 2 10* CLAMP FLATE ASSEMBLY ONLY 2 10* CLAMP FLATE ASSEMBLY ONLY 2 11* AR BAG; MARK 4; 2" 743001 8 10* CLAMP FLATE ASSEMBLY ONLY 2 11* AR BAG; MARK 4; 21/2" FLAT 760006 3"-0" 12* SCREW; 8mm-20 x 16mm ASSEMBLY ONLY 2 13* MUT; 8mm FLUIG; MARK 4; 21/2" FLAT 760001 1 14* SCREW; 8mm x 1/8"; MARK 4; 21/2" FLAT 760011 1 15 <td>1</td> <td>DOES NOT ADDLY TO THIS LENGTH NODILLE</td> <td></td> <td></td>	1	DOES NOT ADDLY TO THIS LENGTH NODILLE			
2 TOP PLATE: SCREW; 6mm x 16mm TORX DRWE (T30) 94.300.3 10 3 TOP PLATE: MARK 4, SERIES 3; FOLDED 74.10.2 1 4 5.06 W x 33.1/2* L; 4* PITCH (8 ROLLERS) 74.10.12 1 5 DOES NOT APELY: TOTHS (ENGTH MODULE 74.10.12 1 6 ROLLER: MARK 4, 2/2* L 74.300.1 8 7 ROLLER: MARK 4, 2/2* 74.300.1 8 9* WOLLER: MARK 4, 2/1* 74.300.1 8 9* ROLLER: MARK 4, 2/1* 74.300.1 8 9* NTLON LOCKINT; Brimm FLANGED ASSEMBLY ONLY 2 10* CLAMP FLATE ASSEMBLY ONLY 2 12* SCREW; Brim-20 x 30mm ASSEMBLY ONLY 2 13* NTLON LOCKINT; Brimm ASSEMBLY ONLY 2 14* SCREW; Brimm-20 x 30mm ASSEMBLY ONLY 2 15 RUBBER INSERT PLUG; MARK 4 77.000 1 16 ARE BAG CLAMP KIT: MARK 4 76200.1 1 17 BLANKING PLUIG; 5/16* 00 77.3009 <			S) 943002	10	
4 5/8" W x 33 1/2" L; 4" PITCH (6 ROLLERS) 4 LOGO PLATE: MARK 4, SERIES 3, FOLDED 741012 1 5 DDES NOT APPLY. TO THS LENGTH MODULE 6 6 ROLLER CHANNEL ASSEMBLY, MARK 4, SERIES 3, ASSEMBLY ONLY 1 7 ROLLER, MARK 4.2" 743002 8 9.* NUT; Smm, FLANGED ASSEMBLY ONLY 2 10.* CLAMP PLATE ASSEMBLY ONLY 2 11.* AIR BAG; MARK 4, 21/2" FLAT 743001 8 9.* NUT; Smm, FLANGED ASSEMBLY ONLY 2 10.* CLAMP PLATE ASSEMBLY ONLY 2 11.* AIR BAG; MARK 4, 21/2" FLAT 753006 3'-0" 12.* SCREW; Brim-20 x Jörnim ASSEMBLY ONLY 2 13.* NTLON LOCONUT; Brim ASSEMBLY ONLY 2 14.* SOREW; Brim, 20 x Jörnim ASSEMBLY ONLY 2 15. RUBBER INSERT PLUG; MARK 4 753007 1 16 AIR BAG GELE; 5/16" OD 773309 ASSEMPLY ONLY 17 BLANKING PLUG; 5/16" OD 773309 ASSEMLY ONLY 21	2				
4 1/2" L; 4" PITCH (8 ROLLERS) LOGO PATE; MARK 4, SERIES 3; FOLDED ODES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY, MARK 4, SERIES 3 ROLLER, MARK 4; 2" ROLLER, MAR	3				
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6 ROLLER CHANNEL ASSEMBLY; MARK 4, SERES 3 ASSEMBLY ONLY 1 7 ROLLER: MARK 4: 2" 743002 8 8 ROLLER: MARK 4: 2" 743001 8 9* NUT; Brim FLANGED ASSEMBLY ONLY 2 10* CLAMP PLATE ASSEMBLY ONLY 2 11* AIR BAG; MARK 4; 2 1/2" FLAT 760006 3'-0" 12* SCREW; Brim-20 x 16mm ASSEMBLY ONLY 2 13* N'LON LOCKNUT; Brim ASSEMBLY ONLY 2 14* SCREW; Brim-20 x 30mm ASSEMBLY ONLY 2 15 RUBBER INSERT PLUG; MARK 4 763006 1 16 AIR BAG TEE; 5/16" OD 773309 AS REQ'D 18 NUT BAR; 6mm 944004 10 20 SCREW; Brim TLUG; 5/16" OD 773309 AS REQ'D 21 SCREW; Brim TLUG; 5/16" OD 7743001 1 22 SCREW; Brim TLUBS DRIVE 941004 2 23 AIR PLIC GROWET 714007 4'-0" 24		4 5/8 W x 2 1/2 L			
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13* NILON BUCKNUI; 8mm ASSEMBLY ONLY 2 14* SCREV; 8mm-20.30mm ASSEMBLY ONLY 2 15 RUBBER INSERT PLUG; MARK 4 763007 1 16 AIR BAG TEL; 5/16" OD 773009 AS REO'D 17 BLANKING PLUG; 5/16" OD 773009 AS REO'D 18 NUT BAR; 6mm 944004 10 19 MAIN CHANKE; ALUMINUM; 3'-0" L 7444008 1 20 AVDEL GUIDE PIN 941004 2 21 SCREV; 6mm TAm; FHILIPS DRIVE 943002 2 22 TRACK MOUNTING CLIP 714011 4 23 ACETAL STRIP; 2 13/16" WIDE 714004 2 24 ACETAL STRIP; 2 13/16" WIDE 714007 4'-0" AIR BAG CLAMP KIT; MARK 4; 2 1/2" FLAT 760011 1 3'-0" L (incl.9.0.12-16) AR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 760011 1 AIR BAG ASSEMBLY; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR000014H * AVAILABLE ONLY AS PART OF KIT 762001	9*	NUT; 8mm FLANGED	ASSEMBLY ONLY	2	
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15 RUBBER INSERT PLUC; MARK 4 763007 1 16 AIR BAG TE: 5/16" OD 763006 1 17 BLANKING PLUG; 5/16" OD 773009 AS REO'D 18 NUT BAR; 6mm 944004 10 19 MAIN CHANNE; ALUMINUM; 3'-0" L 744008 1 20 AVDEL GUIDE PIN 941004 2 21 SCREW; 6mm x14mm; PHILIPS DRIVE 943002 2 22 TRACK MOUNTING CLIP 714011 4 23 ACETAL STRIP; 2 13/16" WIDE 714004 2 24 ACETAL STRIP; 2 13/16" WIDE 714007 4'-0" ACETAL STRIP; 2 1/2" FLAT 760011 1 ACETAL STRIP; 2 1/2" FLAT <td colsp<="" td=""><td>1.3*</td><td>NYLON LOCKNUT: 8mm</td><td>ASSEMBLY ONLY</td><td>2</td></td>	<td>1.3*</td> <td>NYLON LOCKNUT: 8mm</td> <td>ASSEMBLY ONLY</td> <td>2</td>	1.3*	NYLON LOCKNUT: 8mm	ASSEMBLY ONLY	2
15 RUBBER INSERT PLUC; MARK 4 763007 1 16 AIR BAG TE: 5/16" OD 763006 1 17 BLANKING PLUG; 5/16" OD 773009 AS REQ'D 18 NUT BAR; 6mm 944004 10 19 MAIN CHANNE; ALUMINUM; 3'-0" L 744008 1 20 AVDEL GUIDE PIN 941004 2 21 SCREW; 6mm x 14mm; PHILIPS DRIVE 943002 2 22 TRACK MOUNTING CLIP 714011 4 23 AIR LINE GROMMET 714004 2 24 ACETAL STRIP; 2 13/16" WIDE 714007 4'-0" ARE BAG CLAMP KIT; MARK 4; 2 1/2" FLAT 760011 1 2 1/2" FLAT (incl.9.10.12-16) AR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 760011 1 ARE GA SSEMBLY; MARK 4; 2 1/2" FLAT 760011 1 3''O'' L (incl.9.10.12-16) MODULE; MARK 4, SERIES 3 (COMPLETE) SECORD SECORD MODULE; MARK 4, SERIES 3; SID FLD TY; 1986-1995 MIL BO MARK A SERIES 3; SID FLD TY; 1986-1995 <td c<="" td=""><td></td><td>SCREW; 8mm-20 x 30mm</td><td></td><td>2</td></td>	<td></td> <td>SCREW; 8mm-20 x 30mm</td> <td></td> <td>2</td>		SCREW; 8mm-20 x 30mm		2
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AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16) AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 760011 1 3'-0" L (incl. 9–16) MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MR0000014H * AVAILABLE ONLY AS PART OF KIT 762001 * AVAILABLE ONLY AS PART OF KIT 762001 * AVAILABLE ONLY AS PART OF KIT 762001 THIS DRAWING AND/OR ITS SPECIFICATIONS ARE MARK 4 SERIES 3; STD FLD TF; 1986–1995 THIS PRAVING AND/OR ITS SPECIFICATIONS ARE MARK 4 SERIES 3; STD FLD TF; 1986–1995					
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3'-0" L (incl. 9-16) MODULE; MARK 4, SERIES 3 (COMPLETE) SEE DRAWING MROOOO14H * AVAILABLE ONLY AS PART OF KIT 762001 * AVAILABLE ONLY AS PART OF KIT 762001 * AVAILABLE ONLY AS PART OF KIT 762001 TOLERANCES SECIFICD * AVAILABLE ONLY AS PART OF KIT 762001 * AVAILABLE ONLY AS PART OF KIT 762001			762001	1	
SEE DRAWING MR000014H * AVAILABLE ONLY AS PART OF KIT 762001 * AVAILABLE ONLY AS PART OF KIT 762001 DEPRANCES UNLESS OTHERWISE SPECIFIED DIERMING AND/OR ITS SPECIFICATIONS ARE TRU 910-791-712 SPECIFIED SPECIFIED <td></td> <td>AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 3'-0" L (incl. 9-16)</td> <td>760011</td> <td>1</td>		AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 3'-0" L (incl. 9-16)	760011	1	
Codd dwg file inwe E.C.N. LTR Description of change Date BY CHK'D Interse Distributed BY:					
E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D UNLESS OTHERWISE SPECIFIED DISTRIBUTED BY: SPECIFIED LOADING AUTOMATION, INC. 3310 ENTERPRISE DR. WILMINGTON, NC 28405 USE ONLY GENUINE HYDRAROLL PARTS HYDRAROLL PARTS .XX ± SOME: N/A MPPROVED BY: FAX. 910-452-3889 DOWNN BY THIS DRAWING AND/OR ITS SPECIFICATIONS ARE THE PROPERTY OF LOADING AUTOMATION, INC. AND MARK 4 SERIES 3; STD FLD TP; 1986-1995 DD. NOT SCALE T/ 0/2 MARK 4 OD HILL FOR DOWNNE NUMBER		* AVAILABLE ONLY AS PART OF KIT 762001			
DISTRIBUTED BY: CAUTOR AUTOMATION, INC. 3310 ENTERPRISE DR. SPECIFIED LOADING AUTOMATION, INC. 3310 ENTERPRISE DR. STALE PROPERTY OF LOADING AUTOMATION, NC 28405 FAX. 910-452-3889 ***********************************	CAD DWG FILE NAME				
XXX ± Image: Big / 12/05 ECON: Image: Big / 12/05 ECON: ANGLES ± MARK 4 SERIES 3; STD FLD TP; 1986–1995 THE PROPERTY OF LOADING AUTOMATION, INC. AND MAY NOT BE REPRODUCED IN ANY MANNER NOR THE CONTENTS DIVULGED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF LOADING AUTOMATION, INC.	UNLESS OTHERWISE SPECIFIED	DISTRIBUTED BY: LOADING AUTOMATION, INC. 3310 ENTERPRISE DR. WILMINGTON, NC. 28405 TEL 910-791-2125 FAX. 910-452-3889			
ANGLES ± MARK 4 SERIES 3; STD FLD TP; 1986–1995 MARK 4 SERIES 3; STD FLD TP; 1986–1995 MAY NOT BE REPRODUCED IN ANY MANNER NOR THE CONTENTS DIVULGED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF LOADING AUTOMATION, INC.					
		MARK 4 SERIES 3; STD FLD TP; 1986-1995	BE REPRODUCED IN AN	Y MANNER NOR THE	
			CONSENT OF LOADING A	JTOMATION, INC.	

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
NUMBER 1 2 3 4 5 6 7 8 9* 10* 11 12* 13* 14* 15 16 17 18 19 20 21 22	DOES NOT APPLY TO THIS LENGTH MODULE TOP PLATE SCREW; 6mm x 16mm SUPRADRIVE (PHILLIPS TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 21 1/2" L; 4" PITCH (5 ROLLERS) LOGO PLATE; MARK 4, SERIES 3; FOLDED 4 5/8" W x 2 1/2" L DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 3 SEE DRAWING MR000014H ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4 AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 2'-0" L AVDEL GUIDE PIN SCREW; 6mm x 14mm; PHILLIPS DRIVE TRACK MOUNTING CLIP	NUMBER 5) 943002 943003 741023 741012 ASSEMBLY ONLY 743002 743001 ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY 763007 763006 773009 944004 744009 941004 943002 714011	REQUIRED 8 8 1 1 1 5 5 2 4 2'-0" 2 2 2 1 1 AS REQ'D 8 1
22 23 24	AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE	714011 714004 714007	2 3'-0"
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16) AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 2'-0" L (incl. 9–16) MODULE; MARK 4, SERIES 3 (COMPLETE)	762001 760012	1 1
	SEE DRAWING MR000014H * AVAILABLE ONLY AS PART OF KIT 762001		
CAD DWG FLE NAME TOLERANCES UNLESS OTHERWISE SPECIFIED .XX ± .XXX ±	DATE: 9/12/05 E.C.M.: ISSUED THE PRO	WING AND/OR ITS SPECIF PERTY OF LOADING AUTON	ATION, INC. AND
ANGLES ± DO NOT SCALE DRAWING	MARK 4 SERIES S; SID FLD IP; 1900-1995 CONTENT	BE REPRODUCED IN ANY S DIVULGED TO A THIRD CONSENT OF LOADING AU	PARTY WITHOUT THE

ITEM NUMBER	DESCRIPTION	PART NUMBER	
MA	RK 4, SERIES 3; MODULES (WITH FOLDED TOP PLATES)	&	
ROLI	LER CHANNEL ASSEMBLIES (RCA) (COMPLETE WITH ROLLE	RS)	
1	11'–6" MODULE w/6" PITCH (23 ROLLERS)	740014	1
	RCA FRONT (CLAMP); 6" PITCH (11 ROLLERS)	742007	1
	RCA REAR (INLET); 6" PITCH (10 ROLLERS)	742006	1
2	RCA 12" SÈCTION; 6" PITCH (2 ROLLERS)	742004	1
	11'–6" MODULE w/ 4/6" PITCH (28 ROLLERS)	740004	1
	RCA FRONT (CLAMP); 6" PITCH (11 ROLLERS)	742007	1
	RCA REAR (INLET); 4" PITCH (15 ROLLERS)	742005	1
3	RCA 12" SECTION; 6" PITCH (2 ROLLERS)	742004	1
	11'-6" MODULE w/4" PITCH (34 ROLLERS)	740009	1
	RCA FRONT (CLAMP); 4" PITCH (16 ROLLERS)	742003	1
	RCA REAR (INLET); 4" PITCH (15 ROLLERS)	742005	1
4	RCA 12" SECTION; 4" PITCH (3 ROLLERS) 10'–6" MODULE w/6" PITCH (21 ROLLERS)	742010 740010	, 1 1
5	RCA FRONT (CLAMP); 6" PITCH (11 ROLLERS)	742007	1
	RCA REAR (INLET); 6" PITCH (10 ROLLERS)	742006	1
	10'–6" MODULE w/ 4/6" PITCH (26 ROLLERS)	740006	1
	RCA FRONT (CLAMP); 6" PITCH (11 ROLLERS)	742007	1
6	RCA REAR (INLET); 4" PITCH (15 ROLLERS)	742005	1
	10'-6" MODULE w/4" PITCH (31 ROLLERS)	740008	1
	RCA FRONT (CLAMP); 4" PITCH (16 ROLLERS)	742003	1
	RCA REAR (INLET); 4" PITCH (15 ROLLERS)	742005	1
7	9'–0" MODULE w/6" PITCH (18 ROLLERS) RCA FRONT (CLAMP): 6" PITCH (8 ROLLERS)	740017 742011	1
8	RCA REAR (INLET); 6" PITCH (10 ROLLERS)	742006	1
	9'–0" MODULE w/4" PITCH (26 ROLLERS)	740016	1
	RCA FRONT (CLAMP); 4" PITCH (11 ROLLERS)	742012	1
	RCA REAR (INLET); 4" PITCH (15 ROLLERS)	742005	1
9	5'–2" MODULE w/4" PITCH (15 ROLLERS)	740018	1
	RCA; 4" PITCH (15 ROLLERS)	742019	1
10	4'–0" MODULE w/6" PITCH (8 ROLLERS) RCA; 6" PITCH (8 ROLLERS)	740011 742013	1
11	4'-0" MODULE w/4" PITCH (11 ROLLERS)	740015	1
	RCA; 4" PITCH (11 ROLLERS)	742014	1
12	3'–0" MODULE w/4" PITCH (8 ROLLERS)	740003	1
	RCA; 4" PITCH (8 ROLLERS)	742015	1
13	2'–0" MODULE w/4" PITCH (5 ROLLERS)	740002	1
	RCA; 4" PITCH (5 ROLLERS)	742016	1
CAD DWG FILE NAME	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
TOLERANCES UNLESS OTHERWISE SPECIFIED	DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GENUINE HTORAROLL PARTS WILMINGTON, NC 28405 TEL. 910–791–2125 FAX. 910–452–3889 TEL. 910–791–2125 FAX. 910–452–3889 TEL. 910–910 TEL. 910–		

Å

DRAWN B

DRAWING NUMBER

MR000014H

ISSUED

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ANGLES

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DO NOT SCALE DRAWING scale: N/A

DATE: 9/12/05

APPROVED BY:

MARK 4 SERIES 3; STD FLD TP; 1986-1995

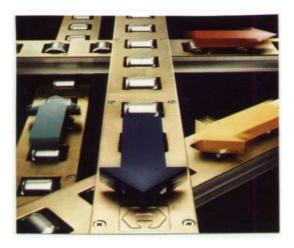
E.C.N.:

MODULES & RCA'S

THIS DRAWING AND/OR ITS SPECIFICATIONS ARE THE PROPERTY OF LOADING AUTOMATION, INC. AND MAY NOT BE REPRODUCED IN ANY MANNER NOR THE CONTENTS DIVULGED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF LOADING AUTOMATION, INC.

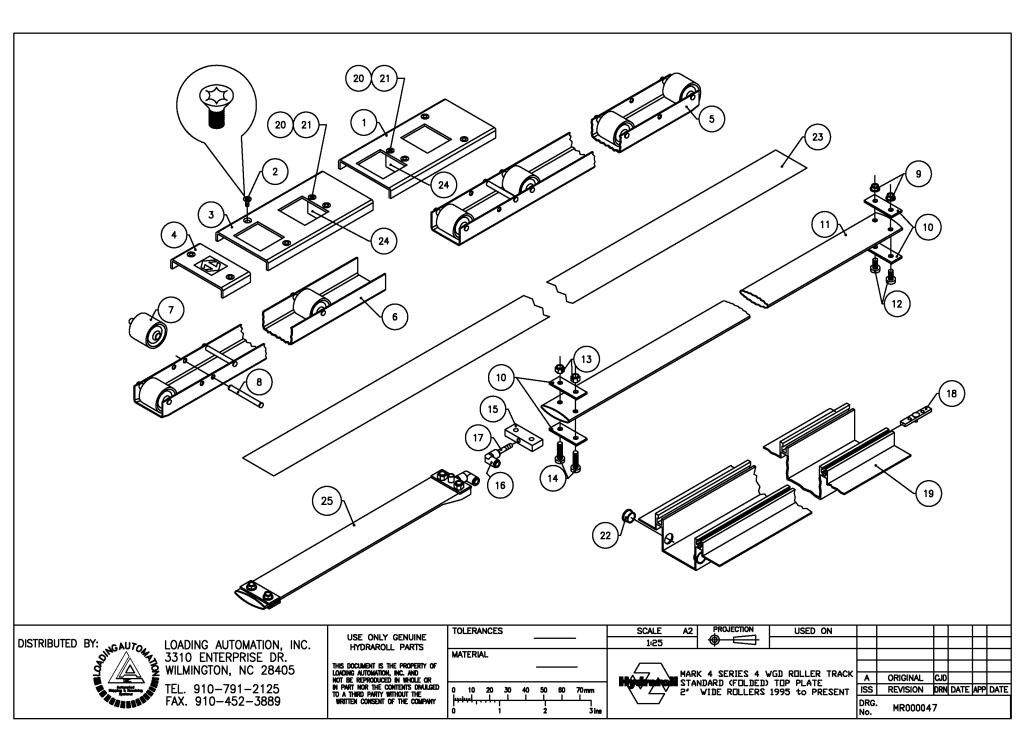


MARK 4, SERIES 4 w/ FOLDED TOP PLATES & WINGED MAIN CHANNELS





Sold and Serviced by:



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1A**	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP)	741006	1
1B**	6" PITCH (10 ROLLERS); 4–5/8" X 59 1/2" LG TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 4" PITCH (15 ROLLERS); 4–5/8" 59 1/2" LG	741005	1
2	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE (T30)	943003	30
3 **	TOP PLATE: MARK 4. SERIES 4: FLD: REAR (INLET)	741007	1
4	6" PITCH (11 ROLLERS); 4–5/8" X 64" LG LOGO PLATE; MARK 4, SERIES 4, FLD; 6" WIDE 4 5/8" W 2 1/2" L	741012	2
5A	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 4" PITCH (15 ROLLERS)	742005	1
5B	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (10 ROLLERS)	742006	1
6	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (11 ROLLERS)	742007	1
7	ROLLER; MARK 4; 2" DIAMETER STANDARD	743002	26 or 31
8	ROLLER PIN; MARK 4; 2" LG	743001	32 or 37
9*	NUT; 8mm-20 FLANGED	KIT ONLY	2
10*	CLAMP PLATE (air bag)	KIT ONLY	4
11	AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm–20 x 16mm LG NYLON LOCKNUT; 8mm SCREW; 8mm–20 x 30mm RUBBER INSERT PLUG; MARK 4; 2.5" W	760006	13'–2"
12*	SCREW; 8mm-20 x 16mm LG	KIT ONLY	2
13* 14*	NILUN LUCKNUI; 8mm	KIT ONLY KIT ONLY	2 2
15*	SUREW; 8MM-20 X SUMM	763007	2 1
16*	ELBOW; 5/16" OD	773010	1
17	BARBED INSERT FITTING; 5/16"	763015	1
18	NUT BAR; 6mm	944004	30
19 MAIN	CHANNEL & ALLIMINIUM MARK & SERIES AW 13'-2" MOD	LILES 744010	1
20	SCREW; M5 x 16 TORX DRIVE (T25) NUT; BINX, M5	940027	12
21	NUT; BINX, M5	941017	12
22	AIRLINE GROMMET	714004	2
23	ACETAL STRIP; .02 X 2–13/16	714007	13'–8"
24	GUIDE ANGLE	741038	6
25 *AIF	R BAG ASSEMBLY (CONTAINS ITEMS $\#$ 9–17) 2.5" WIDE I	FLAT 760018	1
	NOT SHOWN:		
	TOP PLATE; MARK 4, SERIES 4; FOLDED 4 5/8" W X 29 1/2" L; 6" PITCH (5 ROLLERS)	741037	1
	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (5 ROLLERS)	742017	1
	MODULE; MARK 4, SERIES 4W; 13' 2" 4"/6" PITCH (31 ROLLERS)	740027	
	MODULE; MARK 4, SERIES 4W; 13' 2" 6" PITCH (26 ROLLERS)	740028	
*2.5	" AIRBAG CLAMP KIT (Items 9, 10, 12–17) sold as kit	only 762001	1
	** INCLUDES ITEMS 20, 21 AND 24		
CAD DWG FILE NAME			
MR000047A-LAI	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
	DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GENUINE 3310 ENTERPRISE DR. HYDRAROLL PARTS WILMINGTON, NC 28405		
TOLERANCES UNLESS OTHERWISE SPECIFIED	WILLINGTON, NC 28405 TEL 910-791-2125 FAX. 910-452-3889		
.XX ±		WING AND/OR ITS SPEC	
.XXX ± ANGLES ±	MAY NOT	PERTY OF LOADING AUTO BE REPRODUCED IN AN	
	WIN4, SER. 4W, FLDIF, 1993-FRESENI CONTENT	s divulged to a third	PARTY WITHOUT THE
DO NOT SCALE DRAWING	13'-2" MODULES (FOLDED) MR000047A	CONSENT OF LOADING A	UTUMATION, INC.

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 **	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 6" PITCH (10 ROLLERS); 4–5/8" X 59 1/2" LG	741006	1
2	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE (T30)	943003	26
2 3 **	TOP PLATE; MARK 4, SERIES 4; FLD; REAR (INLET)	741007	1
	6" PITCH (11 ROLLERS); 4–5/8" X 64" LG	744040	0
4	LOGO PLATE; MARK 4, SERIES 4, FLD 4 5/8" W 2 1/2" L	741012	2
5	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (10 ROLLERS)	742006	1
6	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (11 ROLLERS)	742007	1
7	ROLLER; MARK 4; 2" DIAMETER STANDARD	743002	21
8	ROLLER PIN; MARK 4; 2.75" LG	743001	27
9*	NUT; 8mm-20 FLANGED	KIT ONLY	2
10*	CLAMP PLATE (air bag)	KIT ONLY	4
11	AIR BAG; MARK 4; 2̀ 1/2" ́FLAT	760006	11'-6"
12*	SCREW; 8mm-20 x 16mm LG	KIT ONLY	2 2 2
13*	NYLON LOCKNUT; 8mm	KIT ONLY	2
14*	SCREW; 8mm-20 x 30mm	KIT ONLY	2
15*	RUBBER INSERT PLUG; MARK 4; 2.5" W	763007	1
16*		773010	1
17	BARBED INSERT FITTING; 5/16"	763015	1
18	NUT BAR; 6mm	944004	26
	CHANNEL; ALUMINUM; MARK 4, SERIES 4W; 11'-6" MODULE		1
20	SCREW; M5 x 11 POSI DRIVE	940027	12
22	AIRLINE GROMMET	714004	2
23	ACETAL STRIP; .02 X $2-13/16$	714007	12'–6"
24	GUIDE ANGLE	741038	6
	*AIR BAG ASSEMBLY 2.5" WIDE FLAT 11'–6" LG (CONTAINS ITEMS # 9–17)	760025	1
	NOT SHOWN:		
	TOP PLATE; MARK 4, SERIES 4; FOLDED 4 5/8" W X 12" L; 6" PITCH (2 ROLLERS)	741011	1
	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (2 ROLLERS)	742004	1
	MODULE; MARK 4, SERIES 4W; 11'6" 6" PITCH (23 ROLLERS)	740042	
*2.5	" AIRBAG CLAMP KIT (Items 9, 10, 12—17) sold as kit onl ** INCLUDES ITEMS 20, 21 AND 24	y 762004	1
	B UPDATED ITEM #3 / 740042 WAS 21 ROLLER 3/8/06 WIM		
cad dwg file name MR000047B	A UPDATE ITEMS #8,#20,#21,#25 2/8/06 WIM		
	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GENUINE		
TOLERANCES UNLESS OTHERWISE SPECIFIED	DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GENUINE TEL 910-791-2125 FAX. 910-452-3889		
.xx ±	SCALE: N/A APPROVED BY: DRAWIN BY CJD THIS DRAWING	G AND/OR ITS SPE	CIFICATIONS ARE
.XXX ± ANGLES ±	DATE: 10/1/03 EC.N.: ISSUED THE PROPERT	TY OF LOADING AU	TOMATION, INC. AND ANY MANNER NOR THE
DO NOT SCALE	MIK4, SER. 4W; FLDIP; 1990-1990 CONTENTS D		D PARTY WITHOUT THE
DRAWING	11'-6" MODULES (FOLDED) MR000047B		

ITEM NUMBER	DESCRIPTION	PART NUMBER	
1 **	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 6" PITCH (8 ROLLERS); 4–5/8" X 46" LG	741018	1
2 3 **	TOP PLATE SCRÈW; 6mm x 15mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 4; FLD; REAR (INLET)	943003 741007	20 1
4	6" PITCH (10 ROLLERS); 4–5/8" X 64" LG LOGO PLATE; MARK 4, SERIES 4, FLD 4 5/8" W 2 1/2" L	741012	1
5	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (8 ROLLERS)	742011	1
6	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ ROLLERS) MARK 4, SERIES 4; 6" PITCH (11 ROLLERS)	742007	1
7	ROLLER; MARK 4; 2" DIAMETER STANDARD ROLLER PIN; MARK 4; 2.75" LG	743002 743001	19 21
9*	NUT: 8mm-20 FLANGED	KIT ONLY	2
10*	CLAMP PLATE (air bag)	KIT ONLY	4
11	AIR BAG; MARK 4; 2 1/2" FLAT	760006	9'-0"
47*		KIT ONLY	2
14*	SCREW: 8mm-20 x 30mm	KIT ONLY	2
15*	SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4; 2.5" W	763007	2 2 1
16*	ELBOW; 5/16″ OD	773010	1
17	BARBED INSERT FITTING; 5/16"	763015	1
18	NUT BAR; 6mm	944004	20
19 MAIN 20	CHANNEL; ALUMINUM; MARK 4, SERIES 4W; 9'-0" MODU SCREW; M5 x 11 POSI DRIVE	940027	1 12
20	SCREW, MOX III FOST DRIVE	540027	12
22	AIRLINE GROMMET	714004	2
23 24	ACETAL STRIP; .02 X 2-13/16	714007	10'-0"
24	GUIDE ANGLE	741038	6
	*AIR BAG ASSEMBLY 2.5" WIDE FLAT 9'–0" LG (CONTAINS ITEMS # 9–17)	760055	1
	NOT SHOWN:		
	MODULE; MARK 4, SERIES 4W; 9' 0" 6" PITCH (19 ROLLERS)	740053	
*2.5"	AIRBAG CLAMP KIT (Items 9, 10, 12—17) sold as kit ** INCLUDES ITEMS 20, 21 AND 24	only 762004	1
CND DWG FLE NAME MR0000047C TOLERANCES UNLESS OTHERWISE SPECIFIED .XX ±		wing and/or its spec	
.XXX ± ANGLES ±		PERTY OF LOADING AUTO BE REPRODUCED IN AN	
	MIR4, SER. 4W; FLDIP; 1990-1990 CONTENTS	S DIVULGED TO A THIRD CONSENT OF LOADING A	PARTY WITHOUT THE
DO NOT SCALE DRAWING	9'-0" MODULES (FOLDED) MR000047C	LINE IN CALING A	

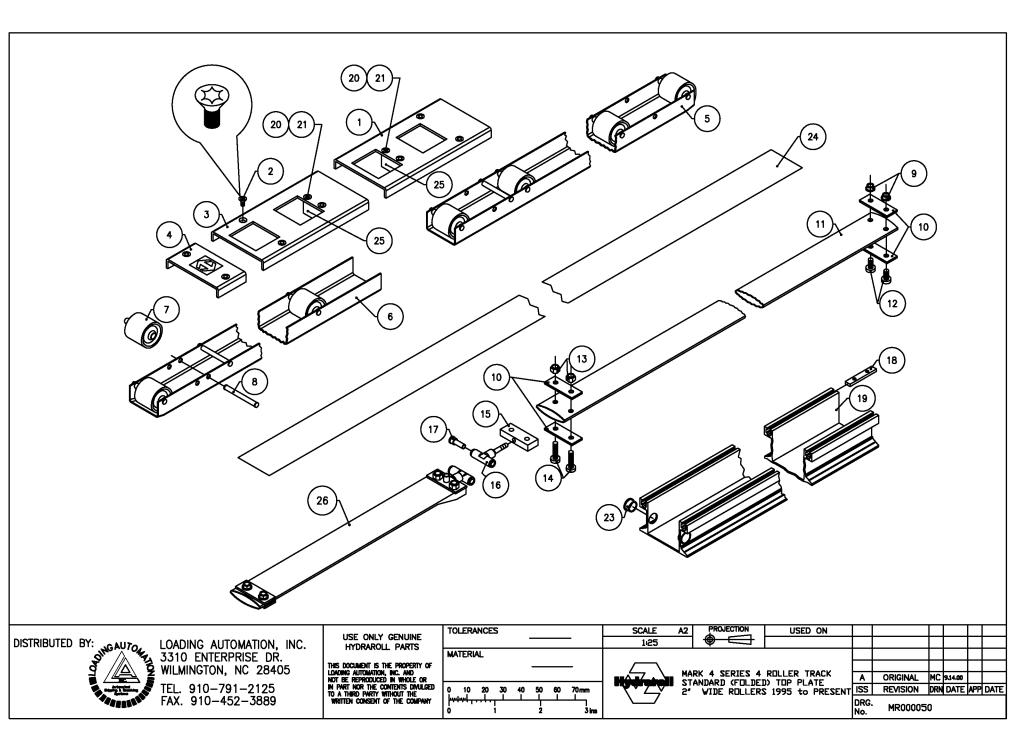


MARK 4, SERIES 4 w/ FOLDED TOP PLATES





Sold and Serviced by:



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED		
1A**	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 6" PITCH (11 ROLLERS); 4–5/8" X 64" LG	741007	1		
1B**	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 4" PITCH (16 ROLLERS); 4–5/8" 64" LG	741015	1		
2 3A**	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30)	943003 741006	26 1		
3B**	6" PITCH (10 ROLLERS); 4–5/8" X 59–1/2" LG TOP PLATE; MARK 4, SERIES 4; FLD; REAR (INLET)	741005	1		
4	4" PITCH (15 ROLLERS); 4-5/8" X 59-1/2" LG LOGO PLATE; MARK 4, SERIES 4, FLD; 4.625" WIDE X 2.5" LG	5 741012	1		
5B R 6A 6B 7 8 9* 10* 11 12* 13* 14* 15* 16* 17 18	OLLER CHANNEL ASSEMBLY; FRONT (CLAMP) 6" PITCH (11 RLR OLLER CHANNEL ASSEMBLY; FRONT (CLAMP) 4" PITCH (16 RLR ROLLER CHANNEL ASSEMBLY; REAR (INLET) 6" PITCH (10 RLRS ROLLER CHANNEL ASSEMBLY; REAR (INLET) 4" PITCH (15 RLRS ROLLER; MARK 4; 2" DIAMETER STANDARD ROLLER PIN; MARK 4; 2-3/4" LG NUT; 8mm-20 FLANGED CLAMP PLATE (air bag) AIR BAG; MARK 17; 2 1/2" FLAT (same as MK4) SCREW; 8mm-20 x 16mm LG NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4; 2.5" W AIR BAG TEE; 5/16" OD TUBE ENDS BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 11'-6" MODULES see note below** SCREW; M5 x 11 POSI DRIVE	S) 742003 742006 743002 743001 KIT ONLY KIT ONLY 760006 KIT ONLY KIT ONLY KIT ONLY KIT ONLY 763007 763006 773009 944004	1 1 23, 28, or 34 27, 32, or 38 2 4 11'-6" 2 2 2 2 1 AS REQ'D 26 1 12		
22 23 24 25	TRACK FLANGE MOUNTING CLIP ***(not shown) AIRLINE GROMMET ACETAL STRIP; .02 X 2–13/16 GUIDE ANGLE	714011 714004 714007 741038	AS REQ'D 2 12'-6" 6		
	 *AIR BAG ASSEMBLY 2.5" WIDE FLAT,11'6" LG (CONTAINS ITEMS # 9–16) ** INCLUDES ITEMS 20, 21 AND 25 TOP PLATE; FLD; SHORT 6" PITCH (2 RLRS); 4–5/8" X 12" L ROLLER CRADLE ASSEMBLY; SHORT 6" PITCH (2 RLRS) ROLLER CRADLE ASSEMBLY; SHORT 6" PITCH (2 RLRS) ROLLER CRADLE ASSEMBLY; SHORT 4" PITCH (3 RLRS) MOD.; MK4; S4; 11'-6"; FLDTP; 4"P (34 RLRS) COMPLETE MOD.; MK4; S4; 11'-6"; FLDTP; 4"P/6"P (28 RLRS) COMPLETE MOD.; MK4; S4; 11'-6"; FLDTP; 6"P (23 RLRS) COMPLETE 	G 741017 742004 742010	1 1 1 1		
 * *2.5" AIRBAG CLAMP KIT (Items 9, 10, 12-16) sold as kit only 762001 *** NOTE: As of January 1999, the track clip main channel is obsolete. The new main channel has an angled foot and no longer requires the clips. Screws go right through the foot. 					
PLEASE REFERENCE DRAWING MR000050 FOR ASSEMBLY					
cad dwg file nam MR000050/	A UPDALE ILEMS #2,#4,#20,#21,#20 2/6/00 WIM				
TOLERANCES UNLESS OTHERV					
.XX ±	SOLE N/A APPROVED BY: DRAWIN BY CJD THIS DRAWIN	G AND/OR ITS SPE			
.XXX ± ANGLES ±	MKA SER A. FLOTD. 1005-1008 MAY NOT BE	REPRODUCED IN A	TOMATION, INC. AND ANY MANNER NOR THE D PARTY WITHOUT THE		
DO NOT SCALI DRAWING		ISENT OF LOADING			

ITEM		PART	
NUMBER	DESCRIPTION	NUMBER	REQUIRED
1A**	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 6" PITCH (11 ROLLERS); 4–5/8" X 64" LG	741007	1
1B**	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 4" PITCH (16 ROLLERS); 4–5/8" 64" LG	741015	1
2	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE (T30)	943003	22
3A**	TOP PLATE; MARK 4, SERIES 4; FLD; REAR (INLET)	741006	1
3B**	6" PITCH (10 ROLLERS); 4–5/8" X 59–1/2" LG TOP PLATE; MARK 4, SERIES 4; FLD; REAR (INLET) 4" PITCH (15 ROLLERS); 4–5/8" X 59–1/2" LG	741005	1
4	LOGO PLATE; MARK 4, SERIES 4, FLD; 6" WIDE	741012	1
5B F 6A 6B 7 8 9* 10* 11 12* 13* 14* 15* 16* 17 18 19 20 21 22 23 24 25 26 ** *	CLAMP PLATE (air bag) AIR BAG; MARK 17; 2 1/2" FLAT (same as MK4)	 5) 742003 742006 742005 743002 743001 KIT ONLY KIT ONLY 760006 KIT ONLY KIT ONLY KIT ONLY KIT ONLY 763007 763006 773009 944004 744006 940027 941017 714011 714004 714007 741038 760008 740008 740010 762001 is is ind no 	1 1 1 21, 26, or 31 25, 30, or 35 2 4 10'-6" 2 2 2 1 AS REQ'D 22 1 8 8 AS REQ'D 2 11'-6" 4 1 1
	FERENCE DRAWING MR000050 FOR ASSEMBLY		
CAD DWG FILE HA MR000050B-	-LAI E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
TOLERANCES UNLESS OTHER SPECIFIED			
.XX ±	FAX. 910-452-3889		PECIFICATIONS ARE
± XXX.	DATE 7/22/03 LEAN SSUED THE PROPERT	r of loading a	AUTOMATION, INC. AND
ANGLES ±	MK4, SER. 4; FLDIP; 1990-PRESENI CONTENTS DI	ulged to a th	IRD PARTY WITHOUT THE G AUTOMATION, INC.
DO NOT SCAL DRAWING	E 10'-6" MODULES (FOLDED) MR000050B		

			-
ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1A**	TOP PLATE; MARK 4, SERIES 4; FLD; FRONT (CLAMP) 6" PITCH (8 ROLLERS); 4–5/8" X 46" LG	741018	1
1B**		741019	1
2 3A**	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE (T30)	943003 741006	20 1
3B**	6" PITCH (10 ROLLERS); 4–5/8" X 59–1/2" LG TOP PLATE; MARK 4, SERIES 4; FLD; REAR (INLET)	741005	1
4	4" PITCH (15 ROLLERS); 4–5/8" X 59–1/2" LG LOGO PLATE; MARK 4, SERIES 4, FLD; 6" WIDE	741012	1
	ROLLER CHANNEL ASSEMBLY; FRONT (CLAMP) 6" PITCH (8 RLRS)		1
	ROLLER CHANNEL ASSEMBLY; FRONT (CLAMP) 4" PITCH (11 RLRS ROLLER CHANNEL ASSEMBLY; REAR (INLET) 6" PITCH (10 RLRS)) 742012	1
6B	ROLLER CHANNEL ASSEMBLY, REAR (INLET) 4" PITCH (10 RERS)	742000	1
7	ROLLER; MARK 4; 2" DIAMETER STANDARD ROLLER PIN; MARK 4; 2-3/4" LG	743002	18 OR 26
8	ROLLER PIN; MARK 4; $2-3/4$ " LG	743001	22 OR 30
9*		KIT ONLY	2
10*	NUT; 8mm—20 FLANGED CLAMP PLATE (air bag) AIR BAG; MARK 17; 2 1/2" FLAT (same as MK4) SCREW; 8mm—20 x 16mm LG	KIT ONLY	4 9'—0"
11 12*	AIR BAG; MARK 17; 2 172 FLAI (same as MK4) SCREW: 8mm-20 x 16mm 10	760006 KIT ONLY	9 –0 2
13*	NYLON LOCKNUT: 8mm	KIT ONLY	2
14*	SCREW; 8mm-20 x 30mm	KIT ONLY	2
15*	RUBBER INSERT PLUG; MARK 4; 2.5" W	763007	1
16*	SCREW; 8mm-20 x 16mm LG NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4; 2.5" W AIR BAG TEE; 5/16" OD TUBE ENDS BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL: ALUMINUM: 9'-0" MODULES see note below***	763006	1
17 18	BLANKING PLUG; 5/16" OD	773009 944004	AS REQ'D 20
19	MAIN CHANNEL; ALUMINUM; 9'-0" MODULES see note below***		1
20	SCREW; M5 x 16 TORX DRIVE (T25)	940027	8
21	NUT; BINX, M5	941017	8
22	TRACK FLANGE MOUNTING CLIP ***(not shown)	714011	AS REQ'D
23	AIRLINE GROMMET	714004	2
24 25	ACETAL STRIP; .02 X 2-13/16 GUIDE ANGLE	714007 741038	10'-0" 4
25	*AIR BAG ASSEMBLY (CONTAINS ITEMS #9-16) 2.5" WIDE FLAT	760004	1
**	** INCLUDES ITEMS 20, 21 AND 25	,	·
	MOD.; MK4; S4; 9'–0"; FLDTP; 4" P (26 RLRS) COMPLETE MOD.; MK4; S4; 9'–0"; FLDTP; 6" P (18 RLRS) COMPLETE	740016 740017	
+	*2.5" AIRBAG CLAMP KIT (Items 9, 10, 12-16) sold as kit only	762001	1
	NOTE: As of January 1999, the track clip main channel obsolete. The new main channel has an angled foot an	d no	
	longer requires the clips. Screws go right through the	foot.	
PLEASE	REFERENCE DRAWING MR000050 FOR ASSEMBLY		
CND DING FILE IN MR000051C	-LAI E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'O		
TOLERANCE UNLESS OTHER SPECIFIED	WISE S WILMINGTON, NC 28405		
.xx. ±	SOULD: N/A APPROVED BY: DOWEN BY CJD THIS DRAWING	AND/OR ITS SPECIF	
.xxx ± ANGLES ±	MK4, SER. 4; FLDTP; 1998-PRESENT MAY NOT BE F		MATION, INC. AND MANNER NOR THE PARTY WITHOUT THE
do not sca Drawing	LE 9'-0" MODULES (FOLDED) MR000050C WRITTEN CONS	ENT OF LOADING AU	ITOMATION, INC.

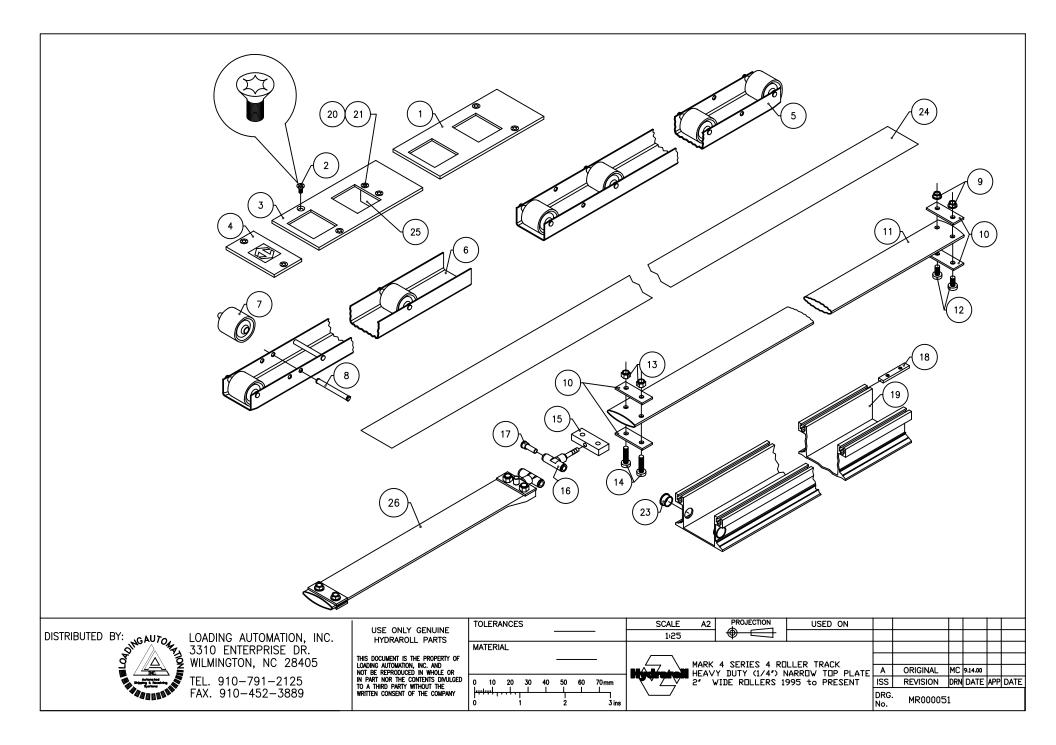


MARK 4, SERIES 4 w/ HEAVY-DUTY TOP PLATES





Sold and Serviced by:



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1A**	TOP PLATE; MARK 4, SERIES 4; FRONT (CLAMP)	741024	1
1B**	6" PITCH (11 RLRS); 4–5/16" W X 64" LG X 1/4" THK TOP PLATE; MARK 4, SERIES 4; FRONT (CLAMP) 4" PITCH (16 RLRS); 4–5/16" W 64" LG X 1/4" THK	741025	1
2 3A**	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 4; REAR (INLET)	943003 741026	26 1
3B**	6" PITCH (10 RLRS); 4–5/16" W X 59–1/2" LG X 1/4" THK TOP PLATE; MARK 4, SERIES 4; REAR (INLET)		1
4	4" PITCH (15 RLRS); 4–5/16" W X 59–1/2" LG X 1/4" THK LOGO PLATE; MARK 4, SERIES 4, 6" WIDE		1
5A**	4 5/16" W X 2 1/2" LG X 1/4" THK RCA FRONT (CLAMP); 6" PITCH (11 ROLLERS)	742007	1
5B** 6A**	RCA FRONT (CLAMP); 4" PITCH (16 ROLLERS) RCA REAR (INLET); 6" PITCH (10 ROLLERS)	742003 742006	1 1
6B** 7	RCA REAR (INLET); 4" PITCH (15 ROLLERS) ROLLER; MARK 4; 2" DIAMETER STANDARD	742005 743002	1 23, 28, or 34
8 9 *	ROLLER PIN; MARK 4; 2–3/4" LG NUT; 8mm–20 FLANGED	743001 KIT ONLY	27, 30, or 38 2
10* 11	CLAMP PLATE (air bag) AIR BAG; MARK 17; 2 1/2" FLAT (same as MK4)	KIT ONLY 760006	4 11'-6"
12* 13*	SCREW; 8mm–20 x 16mm LG NYLON LOCKNUT; 8mm	KIT ONLY KIT ONLY	2 2
14* 15*	SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4; 2.5" W	KIT ONLY 763007	2 1
16* 17	AIR BAG TEE; 5/16" OD TUBE ENDS BLANKING PLUG; 5/16" OD	763006 773009	1 AS REQ'D
	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 11'-6" MODULES see note below**	944004 * 744005	26 1
20 21	SCREW; M5 × 16 TORX DRIVE (T25) NUT; BINX, M5	940027 941017	12 12
22 23	TRACK FLANGE MOUNTING CLIP ***(not shown) AIRLINE GROMMET	714011 714004	AS REQ'D 2
24 25	ACETAL STRIP; .02 X 2–13/16 GUIDE ANGLE	714007 741038	12'-6" 6
**	*AIR BAG ASSEMBLY (CONTAINS ITEMS # 9—16) 2.5" WIDE FLA ** INCLUDES ITEMS 20, 21 AND 25 *2.5" AIRBAG CLAMP KIT (Items 9, 10, 12—16) sold as kit on		1
	NOT SHOWN:	IY 702001	'
	TOP PLATE; SHORT 6" PITCH (2 RLRS); 4–5/8" X 12" LG TOP PLATE; SHORT 4" PITCH (3 RLRS); 4–5/8" X 12" LG ROLLER CRADLE ASSEMBLY; SHORT 6" PITCH (2 RLRS)	741011 741017	1
	ROLLER CRADLE ASSEMBLY; SHORT 6" PITCH (2 RLRS) ROLLER CRADLE ASSEMBLY; SHORT 4" PITCH (3 RLRS)	742004 742010	1
	NOTE: As of January 1999, the track clip main channe	l is	, ,
i I	obsolete. The new main channel has an angled foot a onger requires the clips. Screws go right through the	nd no foot.	
PLEASE R	EFERENCE DRAWING MR000051 FOR ASSEMBLY		
CAD DWG FILE NAM			
TOLERANCES UNLESS OTHER SPECIFIED	DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GENUINE 3310 ENTERPRISE DR. HYDRAROLL PARTS		
.XX ± .XXX ±	DATE: 7/22/03 EC.N.: ISSUED THE PROPER	TY OF LOADING	SPECIFICATIONS ARE AUTOMATION, INC. AND
ANGLES ±	MIN4, SER. 4, HDIP; 1990-PRESENT CONTENTS DI	VULGED TO A 1	IN ANY MANNER NOR THE THIRD PARTY WITHOUT THE NG AUTOMATION, INC.
DRAWING	- 11-6 MODULES MR000051A		

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1A**	TOP PLATE; MARK 4, SERIES 4; FRONT (CLAMP)	741024	1
1B**	6" PITCH (11 RLRS); 4–5/16" W X 64" LG X 1/4" TH TOP PLATE; MARK 4, SERIES 4; FRONT (CLAMP) 4" PITCH (16 RLRS); 4–5/16" W 64" LG X 1/4" TH	741025	1
2 3A**	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 4; REAR (INLET)		22 1
3B**	6" PITCH (10 RLRS); 4–5/16" W X 59–1/2" LG X 1/4" TOP PLATE; MARK 4, SERIES 4; REAR (INLET)	THK 741027	1
4	4" PITCH (15 RLRS); 4–5/16" W X 59–1/2" LG X 1/4" LOGO PLATE; MARK 4, SERIES 4, 6" WIDE	THK 741028	1
5A**		742007	1
5B** 6A**		742003 742006	1
6B**	RCA REAR (INLET); 4" PITCH (15 ROLLERS)	742005	1
7	ROLLER; MARK 4; 2" DIAMETER STANDARD	743002	21, 26, or 31
8 9 *	ROLLER PIN; MARK 4; 2–3/4" LG NUT; 8mm–20 FLANGED	743001 KIT ONLY	25, 30, or 35 2
10*	CLAMP PLATE (air bag)	KIT ONLY	4
11	AIR BAG; MARK 17; 2 1/2" FLAT (same as MK4)	760006	10'-6"
12*	SCREW; 8mm-20 x 16mm LG	KIT ONLY	2
13* 14*	NYLON LOCKNUT; 8mm SCREW; 8mm–20 x 30mm	KIT ONLY KIT ONLY	2 2
15*	RUBBER INSERT PLUG; MARK 4; 2.5" W	763007	1
16*	AIR BAG TEE; 5/16" OD TUBE ENDS	763006	1
17	BLANKING PLUG; 5/16" OD	773009	AS REQ'D
18 19	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 10'-6" MODULES see note belo	944004 ow*** 744013	22 1
20	SCREW; M5 x 16 TORX DRIVE (T25)	940027	8
21	NUT; BINX, M5	941017	8
22	TRACK FLANGE MOUNTING CLIP ***(not shown)	714011	AS REQ'D
23 24	AIRLINE GROMMET ACETAL STRIP; .02 X 2–13/16	714004 714007	2 11'-6"
25	GUIDE ANGLE	741038	4
26	*AIR BAG ASSEMBLY (CONTAINS ITEMS $\#$ 9-16) 2.5" WIDE	FLAT 760008	1
**	** INCLUDES ITEMS 20, 21 AND 25 *2.5" AIRBAG CLAMP KIT (Items 9, 10, 12-16) sold as kit	t only 762001	1
	NOT SHOWN:	t only 702001	
***	NOTE: As of January 1999, the track clip main cha	innel is	
	obsolete. The new main channel has an angled foo longer requires the clips. Screws go right through		
	EFERENCE DRAWING MR000051 FOR ASSEMBLY		
cad dwg file n MR000051B			
TOLERANCE UNLESS OTHER SPECIFIED			
.XX ±		RAWING AND/OR ITS SPE	
.XXX ± ANGLES ±	MK4 SER A: HDTP: 1008_PRESENT MAY NO	ROPERTY OF LOADING AU DT BE REPRODUCED IN A	NY MANNER NOR THE
DO NOT SCA		NTS DIVULGED TO A THIR N CONSENT OF LOADING	
DRAWING	10-6 MODULES MR000051B		

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1A**	TOP PLATE; MARK 4, SERIES 4; FRONT (CLAM	P) 741031	1
1B**	6" PITCH (8 RLRS); 4–5/16" W X 46" LG X 1/4 TOP PLATE; MARK 4, SERIES 4; FRONT (CLAM 4" PITCH (11 RLRS); 4–5/16" W 46" LG X 1/4	P) 741032	1
2 3A**	TOP PLATE SCREW; 6mm x 15mm TORX DRIVE TOP PLATE; MARK 4, SERIES 4; REAR (INLET	(T30) 943003	20 1
3B**	6" PITCH (10 RLRS); 4-5/16" W X 59-1/2" LG X TOP PLATE; MARK 4, SERIES 4; REAR (INLET	1/4" THK) 741027	1
4	4" PITCH (15 RLRS); 4–5/16" W X 59–1/2" LG X LOGO PLATE; MARK 4, SERIES 4, 6" WIDE	1/4" THK 741028	1
5A** 5B**) 742011) 742012	1
6A**	RCA REAR (INLET); 6" PITCH (10 ROLLERS)	742006	1
6B** 7	RCA REAR (INLET); 4" PITCH (15 ROLLERS) ROLLER: MARK 4; 2" DIAMETER STANDARD	742005 743002	ا 19 or 28
8	ROLLER PIN; MARK 4; 2-3/4" LG	743001	23 or 32
9 * 10*	NUT; 8mm—20 FLANGED CLAMP PLATE (air bag)	KIT ONLY KIT ONLY	2 4
11	AIR BAG; MARK 17; 2 1/2" FLAT (same as MI		9'-0"
12*	SCREW; 8mm-20 x 16mm LG	KIT ONLY	2
13* 14*	NYLON LOCKNUT; 8mm SCREW; 8mm–20 x 30mm	KIT ONLY KIT ONLY	2 2
15*	RUBBER INSERT PLUG; MARK 4; 2.5" W	763007	1
16* 17	AIR BAG TEE; 5/16" OD TUBE ENDS BLANKING PLUG; 5/16" OD	763006 773009	1 AS REQ'D
18	NUT BAR; 6mm	944004	20
19	MAIN CHANNEL; ALUMINUM; 9'-0" MODULES see note		1
20 21	SCREW; M5 x 16 TORX DRIVE (T25) NUT; BINX, M5	940027 941017	8 8
22	TRACK FLANGE MOUNTING CLIP ***(not shown)		AS REQ'D
23	AIRLINE GROMMET	714004	2
24 25	ACETAL STRIP; .02 X 2–13/16 GUIDE ANGLE	714007 741038	10'-0" 4
26	*AIR BAG ASSEMBLY (CONTAINS ITEMS # 9-16) 2.5"		1
**	** INCLUDES ITEMS 20, 21 AND 25 *2.5" AIRBAG CLAMP KIT (Items 9, 10, 12–16) sold o	as kit only 762001	1
	NOT SHOWN:	as kit only 702001	I
		channel ic	
	NOTE: As of January 1999, the track clip main obsolete. The new main channel has an angled	d foot and no	
	longer requires the clips. Screws go right thro	ugn the loot.	
PLEASE R	EFERENCE DRAWING MR000051 FOR ASSEMBLY		
cad dwg file na MR000051C-	-LAI E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
TOLERANCES UNLESS OTHER SPECIFIED			
.xx ±	SCALE: N/A APPROVED BY: DRAWN BY CJD	THIS DRAWING AND/OR ITS SPEC	
.XXX ± ANGLES ±		THE PROPERTY OF LOADING AUT MAY NOT BE REPRODUCED IN AN	
DO NOT SCAL		CONTENTS DIVULGED TO A THIRD WRITTEN CONSENT OF LOADING A	
DRAWING	e 9'-0" MODULES MR000051C		

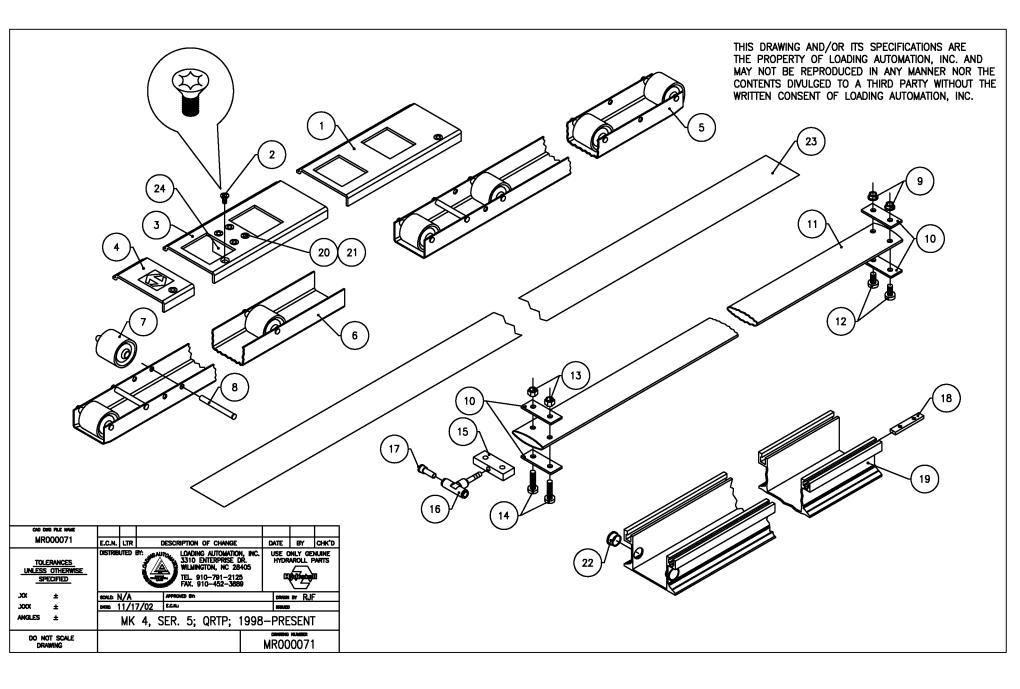


MARK 4, SERIES 5 w/ QUICK RELEASE TOP PLATES





Sold and Serviced by:



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEA 4 $3/8$ " W × 61 $3/4$ " L; 6 $1/2$ " PITCH (10 ROLLER		1
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEA 4 3/8" W × 61 3/4" L; 4 1/2" PITCH (14 ROLLER	SE 741044	1
2 3 **	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30 TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEAS) 943003	11 1
	4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLER	S)	·
3 **	TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEAS 4 3/8" W x 61 3/4" L; 4 1/2" PITCH (14 ROLLER	SE 741044 S)	1
4	LÓGO PLATE; MÁRK 4, SERÍES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L	741043	1
5	ROLLER CHANNEL ASSEMBLY; FRONT RCA; FRONT; 6.5" PITCH (10 ROLLERS)	742021	1
6	ROLLER CHANNEL ASSEMBLY; REAR		
7	RCA; FRONT; 6.5" PITCH (10 ROLLERS) ROLLER; MARK 4; 2"	742021 743002	
8 9*	ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED	743001 ASSEMBLY ONLY	
10*	CLAMP PLATE	ASSEMBLY ONLY	4
11 12*	AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT: 8mm	760006 ASSEMBLY ONLY	11'-6" 2
13*		ASSEMBLY ONLY	2
14* 15	SCREW; 8mm–20 x 30mm RUBBER INSERT PLUG; MARK 4	ASSEMBLY ONLY 763007	2 1
16	AIR BAG TEE; 5/16" OD	763006	1
17	BLANKING PLUG; 5/16" OD	773009	AS REQ'D
18 19	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 11'–6" L	944004 744005	11 1
20	SCREW; M5 x 16 TORX DRIVE (T25)	940027	12
21 22	NUT; BINX, M5 AIR LINE GROMMET	941017 714004	12 2
23	ACETAL STRIP; 2 13/16" WIDE	714007	12'-6"
24	GUIDE ANGLE	741038	6
	NOT SHOWN: ** TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE		1
	4 3/8" W x 12" L; 6 1/2" PITCH (2 ROLLERS)		,
	** TÓP PLATE; MARK 4, SERIES 5; QÙICK RELEASE 4 3/8" W x 12" L; 4 1/2" PITCH (3 ROLLERS)		1
	ROLLER CHANNEL ASSEMBLY; 12" SECTION	742025	1
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 11'-6" L (incl. 9-16)	760009	1
	MODULE; MARK 4, SERIES 5 (COMPLETE)	740054	
	* AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25		
CAD DWG FILE NAME MR000071A			
	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: GAUTOR AUTOMATION, INC. USE ONLY GENUINE 3310 ENTERPRISE DR. HYDRAROLL PARTS WILMINGTON, NC 28405		
TOLERANCES UNLESS OTHERWISE SPECIFIED	WILMINGTON, NC 28405 TEL 910-791-2125 FAX. 910-452-3889		
.XX ±	SCALE: N/A APPROVED BY: DRAWN BY RJF THIS	DRAWING AND/OR ITS SPEC	
.XXX ± ANGLES ±	MK4 SER 5: ORTP: 1998_PRESENT MAY I	PROPERTY OF LOADING AUT(NOT BE REPRODUCED IN AN ENTS DIVULGED TO A THIRD	IY MANNER NOR THE
DO NOT SCALE DRAWING		EN CONSENT OF LOADING A	

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEASI 4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS)	E 741045	1
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEASI 4 $3/8$ " W x 61 $3/4$ " L; 4 $1/2$ " PITCH (14 ROLLERS)	E 741044	1
2 3 **	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE	943003	9 1
3 **	4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE)	1
4	4 3/8" W x 61 3/4" L; 4 1/2" PITCH (14 ROLLERS) LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE	741043	1
5	4 3/8" W x 2 3/8" L ROLLER CHANNEL ASSEMBLY; FRONT	740004	4
6	RCA; FRONT; 6.5" PITCH (10 ROLLERS) ROLLER CHANNEL ASSEMBLY; REAR	742021	1
7	RCA; REAR; 6.5" PITCH (10 ROLLERS) ROLLER; MARK 4; 2"	742021 743002	1 20, 24 OR 28
8 9*	ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED	743001 ASSEMBLY ONLY	22, 26 OR 30
10* 11 12*	AIR BAG; MARK 4; 2 1/2" FLAT	ASSEMBLY ONLY 760006 ASSEMBLY ONLY	10'-6"
13*	NYLON LOCKNUT; 8mm	ASSEMBLY ONLY	2
14* 15		ASSEMBLY ONLY 763007	
16 17	BLANKING PLUG; 5/16" OD	763006 773009	1 AS REQ'D
18 19	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 10'-6" L	944004 744006	9 1
20 21	SCREW; M5 x 16 TORX DRIVE (T25) NUT; BINX, M5	940027 941017	8 8
22 23 24	AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE GUIDE ANGLE	714004 714007 741038	2 11'-6" 4
24	NOT SHOWN:	741050	т
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 10'-6" L (incl. 9-16)	760008	1
	MODULE; MARK 4, SERIES 5 (COMPLETE)	740047	
	 * AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25 		
CAD DWG FILE NAME MR000071B	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: JOADING AUTOMATION, INC. USE ONLY GENUINE		
TOLERANCES UNLESS OTHERWISE SPECIFIED	DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GENUINE HYDRAROLL PARTS WILMINGTON, NC 28405 TEL 910-791-2125 FAX. 910-452-3889		
.xx ± .xxx ±	SOME: N/A APPROVED BY: Downin: THIS DF DATE: 11/15/02 E.G.M.: ISSUED THE PR	AWING AND/OR ITS SPEC	DMATION, INC. AND
ANGLES ±	MR4, SER. J, QRIF, 1990-FRESENT CONTEN	t be reproduced in an TS divulged to a third I consent of loading A	PARTY WITHOUT THE
DO NOT SCALE DRAWING	10'-6" MODULES MR000071B		

ITEM NUMBER	DESCRIPTION	PART NUMBER	
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEASE	741046	1
1 **	4 3/8" W x 43 3/4" L; 6 1/2" PITCH (7 ROLLERS) TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEASE 4 3/8" W x 43 3/4" L; 4 1/2" PITCH (10 ROLLERS)	Ξ	1
2	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30)	943003	8
3 **	TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE 4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS)		1
3 **	TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE 4 3/8" W x 61 3/4" L; 4 1/2" PITCH (14 ROLLERS)		1
4	LÓGO PLATE; MÁRK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L	741043	1
5	ROLLER CHANNEL ASSEMBLY; FRONT RCA; FRONT; 6.5" PITCH (7 ROLLERS)	742022	1
6	ROLLER CHANNEL ASSEMBLY; REAR RCA; REAR; 6.5" PITCH (10 ROLLERS)	742021	1
7	ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2"	743002 743001	17 OR 24 19 OR 26
9*	NUT; 8mm FLANGED	ASSEMBLY ONLY	2
10* 11	CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT	ASSEMBLY ONLY 760006	4 9'-0"
12*	SCREW; 8mm-20 x 16mm	ASSEMBLY ONLY	2
13* 14*	NYLON LOCKNUT; 8mm SCREW; 8mm–20 x 30mm	ASSEMBLY ONLY ASSEMBLY ONLY	2 2
15	RUBBER INSERT PLUG; MARK 4	/6300/	1
16 17	AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD	763006 773009	1 AS REQ'D
18	NUT BAR; 6mm	944004	8
19 20	MAIN CHANNEL; ALUMINUM; 9'–0" L SCREW; M5 × 16 TORX DRIVE (T25)	744007 940027	1 8
20	NUT; BINX, M5	741017	8
22 23	AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE	714004 714007	2 10'-0"
23	GUIDE ANGLE	741038	10 = 0 4
	NOT SHOWN:		
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 9'-0" L (incl. 9-16)	760004	1
	MODULE; MARK 4, SERIES 5 (COMPLETE)	740049	
	* AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25		
CAD DWG FILE NAME			
MR000071C	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
TOLERANCES UNLESS OTHERWISE SPECIFIED	DISTRIBUTED BY: DAUTON, LOADING AUTOMATION, INC. USTRIBUTED BY: DAUTON, LOADING AUTOMATION, INC. USE ONLY GENUINE HYDRAROLL PARTS WILMINGTON, NC 28405 TEL 910-791-2125 FAX, 910-452-3889		
.xx ±	SCALE: N/A APPROVED BY: DRAWN BY RJF THIS DR.	AWING AND/OR ITS SPECIF	
.XXX ± ANGLES ±	MKA SER 5. ORTP. 1998-PRESENT MAY NO	DERTY OF LOADING AUTON T BE REPRODUCED IN ANY	MANNER NOR THE
DO NOT SCALE DRAWING	CONTEN	IS DIVULGED TO A THIRD I CONSENT OF LOADING AU	
L			

ITEM NUMBER	DESCRIPTION	PART NUMBER	
4	DOES NOT APPLY TO THIS LENGTH MODULE TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 45 1/2" L; 6 1/2" PITCH (7 ROLLERS) TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 45 1/2" L; 4 1/2" PITCH (10 ROLLERS) LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 5 RCA; 6.5" PITCH (7 ROLLERS) ROLLER; MARK 4; 2" ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4 AIR BAG TEE; 5/16" OD BLANKING PLUG; 5/16" OD NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; 4'-0" L SCREW; M5 x 16 TORX DRIVE (T25) NUT; BINX, M5 AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE GUIDE ANGLE	741043 742022 743002 743001 ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY 763007 763006 773009 944004 744004	1 1 1 7 OR 10 8 OR 11 2 4 4'-0" 2 2 1 1 AS REQ'D 1 4 4 2 5'-0" 2
	NOT SHOWN: AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 4'-0" L (incl. 9-16)	760002	1
	MODULE; MARK 4, SERIES 5 (COMPLETE) 4'0", 6.5"P, QRTP	740062	
	MODULE; MARK 4, SERIES 5 (COMPLETE) 4'0", 4.5"P, QRTP	740061	
	* AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25		
COD DWG FLE NAME MR000071E TOLERANCES UNLESS OTHERWISE SPECIFIED	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: CHANGE DATE BY CHK'D WILMINGTON, NC 28405 TEL. 910-791-2125 FAX. 910-452-3889		
.XX ± .XXX ± ANGLES ±	DATE: 11/15/02 EC.N.: ISSUED THE PRO MK/A SEP 5: OPTD: 1008_DEFSENT MAY NO	AWING AND/OR ITS SPECIF OPERTY OF LOADING AUTOM T BE REPRODUCED IN ANY TS DIVULGED TO A THIRD F	MATION, INC. AND MANNER NOR THE
DO NOT SCALE DRAWING		CONSENT OF LOADING AU	

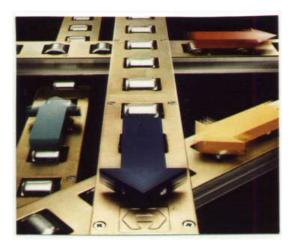
ITEM NUMBER	DESCRIPTION	PART NUMBER	
1 2 3 **	DOES NOT APPLY TO THIS LENGTH MODULE TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 33 1/2" L; 4 1/2" PITCH (7 ROLLERS)		1
4	LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L	741043	1
5 6 7 8 9* 10* 11 12* 13* 14* 15 16 17 18 19 20 21 22 23 24	CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm—20 x 16mm NYLON LOCKNUT: 8mm	743002 743001 ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY 763007 763006 773009 944004 744008 940027 941017 714004 714007 741038	$ \begin{array}{r} 1 \\ 7 \\ 8 \\ 2 \\ 4 \\ 3'-0" \\ 2 \\ 2 \\ 1 \\ 1 \\ AS REQ'D \\ 1 \\ 4 \\ 4 \\ 2 \\ 4'-0" \\ 2 \\ \end{array} $
	NOT SHOWN: AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12-16)	762001	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 3'–0" L (incl. 9–16)	760011	1
	MODULE; MARK 4, SERIES 5 (COMPLETE)	740003	
	* AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25		
CAD DWG FILE NAME MR000071F			
TOLERANCES UNLESS OTHERWISE SPECIFIED	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: 3310 ENTERPRISE DR. WILMINGTON, NC 28405 TEL 910-791-2125 FAX, 910-452-3889		
.XX ± .XXX ± ANGLES ±	SCALE: N/A APPROVED BY: DRAWN BY RJF THIS D DATE: 11/15/02 ECAL: ISSUED THE PF MK/A SER 5. ORTP- 1008_PRESENT MAY NO	RAWING AND/OR ITS SPECIF ROPERTY OF LOADING AUTON DT BE REPRODUCED IN ANY	MATION, INC. AND MANNER NOR THE
DO NOT SCALE DRAWING	eentiel eentiel	NTS DIVULGED TO A THIRD F N CONSENT OF LOADING AU	

NUMBER	DESCRIPTION	PART NUMBER	
1 2 3 ** 4	DOES NOT APPLY TO THIS LENGTH MODULE TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 21 1/2" L; 4 1/2" PITCH (5 ROLLERS) LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L		1 1
5 6 7 8 9 * 10* 11 12* 13* 14* 15 16 17 18 19 20 21 22 23 24	DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 5 RCA; 4.5" PITCH (5 ROLLERS) ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm	743002 743001 ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY 763007 763006 773009 944004 744009 940027 941017 714004 714007 741038	1 5 6 2 4 2'-0" 2 2 2 1 1 AS REQ'D 1 4 4 2 3'-0" 2
	NOT SHOWN: AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16) AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 2'-0" L (incl. 9–16) MODULE; MARK 4, SERIES 5 (COMPLETE)	762001 760012 740002	1 1
	* AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25		
CAD DWG PILE NAME MR0000071G <u>TOLERANCES</u> <u>UNLESS OTHERWISE</u> <u>SPECIFIED</u> .XX ± .XXX ± ANGLES ± DO NOT SCALE	Date: 11/15/02 ECAN: Issued THE PF MK4, SER. 5; QRTP; 1998–PRESENT MAY NO CONTENT	RAWING AND/OR ITS SPECIF ROPERTY OF LOADING AUTON OT BE REPRODUCED IN ANY YTS DIVULGED TO A THIRD F N CONSENT OF LOADING AU	MATION, INC. AND MANNER NOR THE PARTY WITHOUT THE

ITEM NUMBER	DESCRIPTION	PART NUMBER	
1 2 3 ** 4	DOES NOT APPLY TO THIS LENGTH MODULE TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 61.125" L; 6 1/2" PITCH (9 ROLLERS) LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE	943003 741052 741043	5 1 1
5 6 7 8	4 3/8" W x 2 3/8" L DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, S5 (9 ROLLERS) ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2.75"L	742052 743002 743001 ASSEMBLY, ONLY	1 9 10 2 4 5'-3.5" 2 2 2 1 1 AS REQ'D 5 1
20 22 23 24	SCREW; M5 × 16 TORX DRIVE (T25) AIR LINE GROMMET ACETAL STRIP; 2 13/16" WIDE GUIDE ANGLE	940027 714004 714007 741038	4 2 6'-3.5" 2
	NOT SHOWN: AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–16) AIR BAG ASSY; RED; 2.5"W; 5/16 TEE; 63.5"L 2'-0" L (incl. 9–16) MODULE; MARK 4, S5, 6.5"P; 63.5"L (COMPLETE) SEE DRAWING MR000071H	762001 760062 740078	1
	* AVAILABLE ONLY AS PART OF KIT 762001 ** INCLUDES ITEMS 20, 21 AND 25		
PLEASE REFERE	ENCE DRAWING MR000071 FOR ASSEMBLY		
COD DWG FLE NAME MR0000711 TOLERANCES UNLESS OTHERWISE SPECIFIED .XX ± ANGLES ± DO NOT SCALE DRAWING	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: DAUTON, LOADING AUTOMATION, INC. 3310 ENTERPRISE DR. WILMINGTON, NC 28405 TEL 910-791-2125 FAX. 910-452-3889 SOLE N/A APPROVED BY: DOWNN BY RUF THIS DRAI DATE 9/5/05 ECAN: ISSUED THE PROF MK4, SER. 5; QRTP; 1998-PRESENT CONTENTS	WING AND/OR ITS SPECIF YERTY OF LOADING AUTOM BE REPRODUCED IN ANY 5 DIVULGED TO A THIRD F CONSENT OF LOADING AU	ATION, INC. AND MANNER NOR THE PARTY WITHOUT THE



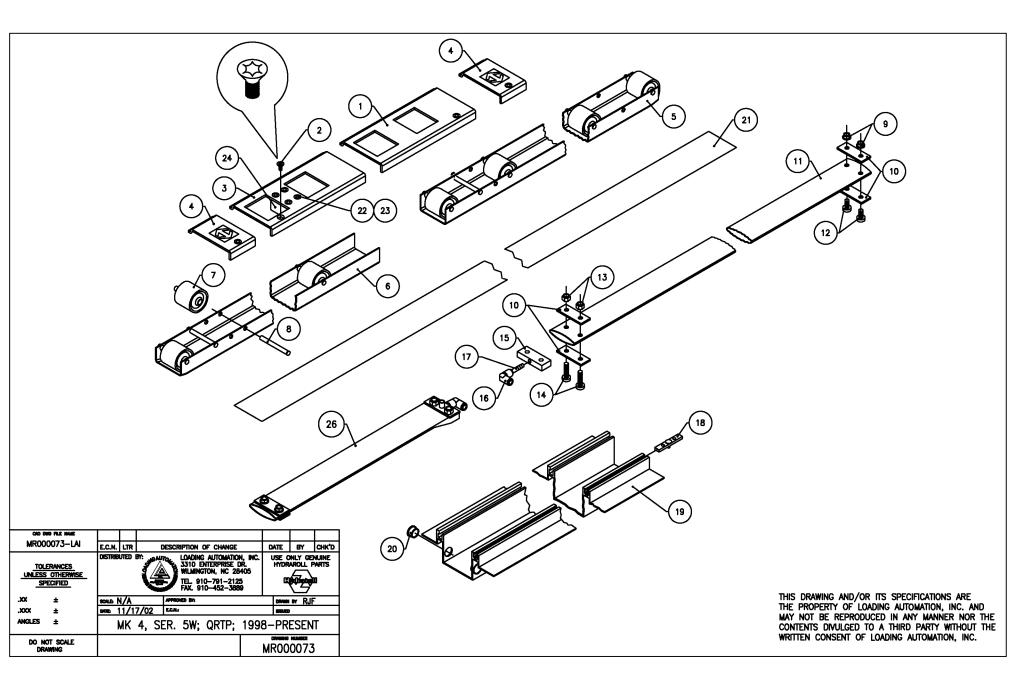
MARK 4, SERIES 5 w/ QUICK RELEASE TOP PLATES & WINGED MAIN CHANNELS





Sold and Serviced by:

LOADING AUTOMATION, INC. WILMINGTON, NC (910) 791-2125 FAX (910) 452-3889 800-684-3184



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEASE 4 3/8" W × 61 3/4" L; 6 1/2" PITCH (10 ROLLERS)	741045	1
2 3 **	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE	943003 741045	15 1
3 **	4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE 4 3/8" W x 61 3/4" L; 4 1/2" PITCH (14 ROLLERS)	741044	1
4	LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L	741043	1
5	ROLLER CHANNEL ASSEMBLY; FRONT (COMPLETE w/ROLLER MARK 4, SERIES 5; 6 1/2" PITCH (10 ROLLERS)	RS) 742021	1
6	ROLLER CHANNEL ASSEMBLY; REAR (COMPLETE w/ ROLLER MARK 4, SERIES 5; 6 1/2" PITCH (10 ROLLERS)	RS) 742021	1
6	ROLLER CHANNEL ASSEMBLY; REAR (COMPLETE w/ ROLLER MARK 4, SERIES 5; 4 1/2" PITCH (14 ROLLERS)	RS) 742020	1
7	ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2"	743002 743001	24 OR 28 27 OR 31
9	NUT; 8mm FLANGED	ASSEMBLY ONLY	2
10*	CLAMP PLATE	ASSEMBLY ONLY	4 1 7' 0"
11 12*	AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm-20 x 30mm	760006 ASSEMBLY ONLY ASSEMBLY ONLY ASSEMBLY ONLY	13'-2" 2
13*	NYLON LOCKNUT: 8mm	ASSEMBLY ONLY	2
14*	SCREW; 8mm-20 x 30mm	ASSEMBLY ONLY	2
15	RUBBER INSERT PLUG; MARK 4	763007	1
16	ELBOW; 5/16" OD	773010	1
17	BARBED INSERT FITTING; 5/16"	763015	1
18 19	NUT BAR; 6mm MAIN CHANNEL; ALUMINUM; MARK 4, SERIES 5W; 13'–2"	944004 L 744017	1
20	AIR LINE GROMMET	714004	2
21	ACETAL STRIP; 2 13/16" WIDE	714007	13'-8"
22	SCREW; M5 x 16; TORX DRIVE (T25)	940027	12
23	NUT; BINX; M5	941017	12
24	GUIDE ANGLE	741038	6
	NOT SHOWN: ** TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 29 1/2" L; 6 1/2" PITCH (4 ROLLERS)	741047	1
	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ROLLERS) MARK 4, SERIES 5; 6 1/2" PITCH (4 ROLLERS)	742023	1
	AIR BAG CLAMP KIT; MARK 4 2 1/2" FLAT (incl.9,10,12–17)	762004	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 13'–2" L (incl. 9–17)	760018	1
	MODULE; MARK 4, SERIES 5W; 13'–2" 4 1/2" / 6 1/2" PITCH (28 ROLLERS)	740058	
	MODULE; MARK 4, SERIES 5W; 13'-2" 6 1/2" PITCH (24 ROLLERS)	740057	
	* AVAILABLE ONLY AS PART OF KIT 762004 ** INCLUDES ITEMS 22, 23 AND 24		
CAD DWG FILE NAME MR000073A			
TOLERANCES UNLESS OTHERWI SPECIFIED	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: DAVID: LOADING AUTOMATION, INC. USE ONLY GENUINE HYDRAROLL PARTS SE VILMINGTON, NC 28405 TEL 910-791-2125 EXTERNAL VILMINGTON, S10-452-3889		
.xx ±		WING AND/OR ITS SPECIF	ICATIONS ARE
.XXX ±	DATE: 11/15/02 EC.N.: ISSUED THE PRO	PERTY OF LOADING AUTON	MATION, INC. AND
ANGLES ±	MK4, SER. SW; QKIP; 1990-PRESEINI CONTENT	BE REPRODUCED IN ANY S DIVULGED TO A THIRD	PARTY WITHOUT THE
DO NOT SCALE DRAWING	13'-2" MODULES MR000073A WRITTEN	CONSENT OF LOADING AU	ITOMATION, INC.

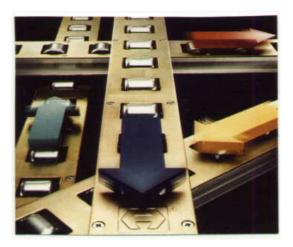
ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEASE 4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS)	741045	1
2 3 **	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE	943003 741044	11 1
3 **	4 3/8" W x 61 3/4" L; 4 1/2" PITCH (14 ROLLERS) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE 4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS)	741045	1
4	LÓGO PLATE; MÁRK 4, SERÍES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L	741043	1
5	ROLLER CHANNEL ASSEMBLY; FRONT (COMPLETE w/ ROLLERS MARK 4, SERIES 5; 6 1/2" PITCH (10 ROLLERS)) 742021	1
6	ROLLER CHANNEL ASSEMBLY; REAR (COMPLETE w/ ROLLERS) MARK 4, SERIES 5; 4 1/2" PITCH (14 ROLLERS)	742021	1
6		742020	1
7 8	ROLLER CHANNEL ASSEMBLY; REAR (COMPLETE w/ ROLLERS) MARK 4, SERIES 5; 6 1/2" PITCH (10 ROLLERS) ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2" NUT; 8mm FLANGED AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm-20 x 16mm NYLON LOCKNUT; 8mm AIRBER INSERT PLUG; MARK 4	743002 743001	22 OR 26 25 OR 29
9*	NUT; 8mm FLANGED A	SSEMBLY ONLY	2
10*	CLAMP PLATE A	SSEMBLY ONLY	4
11 12*	AIR BAG; MARK 4; 2 1/2" FLAI		11'-6"
13*	NYLON LOCKNUT 8mm	SSEMBLT UNLT	2
14*	NYLON LOCKNUT; 8mm A SCREW; 8mm—20 x 30mm A RUBBER INSERT PLUG; MARK 4 76	SSEMBLY ONLY	2 2
15	RUBBER INSERT PLUG; MARK 4 76	3007 or 763004	1
16	ELBOW; 5/16" or 3/8" 77	3010 or 774011	1
17	BARBED INSERT FITTING; 5/16" or 3/8" 76	3015 or 763014	1
18	NUT BAR; 6mm	944004	11
19	MAIN CHANNEL; ALUMINUM; MARK 4, SERIES 5W; 11'-6" L		1
20	AIR LINE GROMMET	714004	2
21 22	ACETAL STRIP; 2 13/16" WIDE	714007 940027	12'-6" 12
22	SCREW; M5 x 16; TORX DRIVE (T25) NUT; BINX; M5	941017	12
24	GUIDE ANGLE	741038	6
	NOT SHOWN:		
	**TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8"W x 12"L; 4 1/2"PITCH (3 ROLLERS)	741049	1
	**TOP PLATE; MARK 4, SÉRIES 5; QUICK RELEASE 4 3/8" W x 12" L; 6 1/2" PITCH (2 ROLLERS)	741048	1
	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ROLLERS) MARK 4, SERIES 5; 4 1/2" PITCH (3 ROLLERS)	742024	1
	ROLLER CHANNEL ASSEMBLY (COMPLETE w/ROLLERS) MARK 4, SERIES 5; 6 1/2" PITCH (2 ROLLERS)	742025	1
		2004 or 762005	1
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 11'-6" L (incl. 9-17)	760025	1
	MODULE; MARK 4, SERIES 5W; 11'-6" 4 1/2" / 6 1/2" PITCH (26 ROLLERS)	740059	
	MODULE; MARK 4, SERIES 5W; $11'-6"$ 6 $1/2"$ PITCH (22 ROLLERS)	740056	
CAD DWG FILE NAM MR000073E		BLE ONLY AS PART	OF KIT 762004
TOLERANCES	DISTRIBUTED BY: ANTON LOADING AUTOMATION, INC. USE ONLY GENUINE 3310 ENTERPRISE DR. HYDRAROLL PARTS ISE WILMINGTON, NC 28405	ICLUDES ITEMS 22,	
SPECIFIED	TEL. 910-791-2125		
.xx ±		G AND/OR ITS SPECIFIC/ TY OF LOADING AUTOMAT	
.XXX ± ANGLES ±	MAY NOT BE	REPRODUCED IN ANY M	ANNER NOR THE
	WRITTEN CON	VULGED TO A THIRD PAI ISENT OF LOADING AUTO	
DO NOT SCALE DRAWING	11'-6" MODULES MR000073B		-

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 **	TOP PLATE; MARK 4, SERIES 5; FRONT; QUICK RELEAS 4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS		1
2 3 **	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30) TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE 4 3/8" W x 61 3/4" L; 4 1/2" PITCH (14 ROLLERS	943003 5 741044	11 1
3 **	TOP PLATE; MARK 4, SERIES 5; REAR; QUICK RELEASE 4 3/8" W x 61 3/4" L; 6 1/2" PITCH (10 ROLLERS	E 741045	1
4	LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W × 2 3/8" L	741043	1
5	ROLLER CHANNEL ASSEMBLY; FRONT (COMPLETE w/ ROLLI MARK 4, SERIES 5; 6 1/2" PITCH (10 ROLLERS)	ERS) 742021	1
6	ROLLER CHANNEL ASSEMBLY; REAR (COMPLETE w/ ROLLE MARK 4, SERIES 5; 4 1/2" PITCH (14 ROLLERS)		1
6	ROLLER CHANNEL ASSEMBLY; REAR (COMPLETE w/ ROLLE MARK 4, SERIES 5; 6 1/2" PITCH (10 ROLLERS)		1
7	ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2"	743002	22 OR 26 25 OR 29
8 9*	NUT; 8mm FLANGED	743001 ASSEMBLY ONLY	25 UR 29 2
10*			4
11	CLAMP PLATE AIR BAG; MARK 4; 2 1/2" FLAT SCREW; 8mm–20 x 16mm NYLON LOCKNUT; 8mm SCREW; 8mm–20 x 30mm	760006	10'-6"
12*	SCREW; 8mm-20 x 16mm	ASSEMBLY ONLY	2
13*	NYLON LOCKNUT; 8mm	ASSEMBLY ONLY	2
14*	SCREW; 8mm-20 x 30mm	ASSEMBLY ONLY	2
15 16	RUBBER INSERT PLUG; MARK 4 ELBOW: 5/16" or 3/8"	773010 or 774011	1 1
17	ELBOW; 5/16" or 3/8" BARBED INSERT FITTING; 5/16" or 3/8"	763015 or 763014	1
18	NUT BAR; 6mm	944004	11
19	MAIN CHANNEL; ALUMINUM; MARK 4, SERIES 5W; 10'-6"	L 744019	1
20	AIR LINE GROMMET	714004	2
21	ACETAL STRIP; 2 13/16" WIDE	714007	11'-6"
22	SCREW; M5 x 16; TORX DRIVE (T25)	940027	12
23 24	NUT; BINX; M5 GUIDE ANGLE	941017 741038	12 6
27		741030	0
	NOT SHOWN: **TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE	741049	1
	4 3/8" W x 12" L; 4 1/2" PITCH (3 ROLLERS) **TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE	741048	1
	4 3/8" W x 12" L; 6 1/2" PITCH (2 ROLLERS) ROLLER CHANNEL ASSEMBLY (COMPLETE w/ROLLERS)	742024	1
	MARK 4, SERIES 5; 4 1/2" PITCH (3 ROLLERS) ROLLER CHANNEL ASSEMBLY (COMPLETE w/ROLLERS)	742025	1
	MARK 4, SERIES 5; 6 1/2" PITCH (2 ROLLERS) AIR BAG CLAMP KIT; MARK 4	762004 or 762005	1
	2 1/2" FLAT (incl.9,10,12–17) AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT	760025	1
	10'-6'' L (incl. 9–17) MODULE; MARK 4, SERIES 5W; 10'-6''	740065	ľ
	4 1/2" / 6 1/2" PITCH (26 ROLLERS)	740003	
	MODULE; MARK 4, SERIES 5W; 10'-6" 6 1/2" PITCH (22 ROLLERS)	740066	
CAD DWG FILE NAM MR0000730	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D * AV.	AILABLE ONLY AS PART	
TOLERANCES UNLESS OTHERV SPECIFIED	3310 ENTERPRISE DR. HYDRAROLL PARTS	* INCLUDES ITEMS 22,	ZJ ANU Z4
.xx ±	SCALE: N/A APPROVED BY: DRAWN BY RJF THIS DR	AWING AND/OR ITS SPECIFIC	
.XXX ±	MAY NOT	DPERTY OF LOADING AUTOMA T BE REPRODUCED IN ANY M	
ANGLES ±	MK4, SER. 5W;QRTP;1998-PRESENT CONTENT	IS DIVULGED TO A THIRD PA CONSENT OF LOADING AUTO	RTY WITHOUT THE
DO NOT SCALE DRAWING	E 10'-6" MODULES MR000073C	CONSENT OF LOADING AUTO	

ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1	DOES NOT APPLY TO THIS LENGTH MODULE		
2 3 **	TOP PLATE SCREW; 6mm x 16mm TORX DRIVE (T30		
3 **	TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 45 1/2" L; 6 1/2" PITCH (7 ROLLERS	741051	1
3 **	4 3/8 W x 45 1/2 L; 6 1/2 PIICH (7 ROLLERS TOP PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 45 1/2" L; 4 1/2" PITCH (10 ROLLERS	741050	1
4	LOGO PLATE; MARK 4, SERIES 5; QUICK RELEASE 4 3/8" W x 2 3/8" L	741043	1
5 6	DOES NOT APPLY TO THIS LENGTH MODULE ROLLER CHANNEL ASSEMBLY; MARK 4, SERIES 5		
_	RCA: 6.5" PITCH (7 ROLLERS)	742022	1
7	ROLLER; MARK 4; 2" ROLLER PIN; MARK 4; 2"	743002 743001 ASSEMBLY ONLY	7 OR 10
9*	NUT; 8mm FLANGED	ASSEMBLY ONLY	2
10*	CLAMP PLATE	ASSEMBLY ONLY	4
11	AIR BAG; MARK 4; 2 1/2" FLAT	760006	4'-0"
12*	SCREW; 8mm-20 x 16mm	ASSEMBLY ONLY	
13*	NYLON LOCKNUT; 8mm	ASSEMBLY ONLY	2
14* 15	SCREW; 8mm-20 x 30mm RUBBER INSERT PLUG; MARK 4	ASSEMBLE UNLE 763007	2 1
16	AIR BAG TEE; 5/16" OD	763006	1
17	BLANKING PLUG; 5/16" OD	773009	AS REQ'D
18	NUT BAR; 6mm	944004	
19	MAIN CHANNEL; ALUMINUM; 4'-0" L	744020	1
20 21	SCREW; M5 x 16 TORX DRIVE (T25)	940027	4
21	NUT; BINX, M5 AIR LINE GROMMET	941017 714004	4 2
23	ACETAL STRIP; 2 13/16" WIDE	714007	5'–0"
24	GUIDE ANGLE	741038	2
	NOT SHOWN:		
	AIR BAG CLAMP KIT; MARK 4	762001	1
	2 1/2" FLAT (incl.9,10,12-16)		
	AIR BAG ASSEMBLY; MARK 4; 2 1/2" FLAT 4'-0" L (incl. 9-16)	760002	1
	MODULE; MARK 4, SERIES 5W (COMPLETE) 4'0", 6.5"P, QRTP	740084	
	MODULE; MARK 4, SERIES 5W (COMPLETE)	740085	
	4'0", 4.5"P, QRTP		
	* AVAILABLE ONLY AS PART OF KIT 762001		
	** INCLUDES ITEMS 20, 21 AND 25		
CAD DWG FILE NAME			
MR000073D	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D		
TOLERANCES	DISTRIBUTED BY: LOADING AUTOMATION, INC. USE ONLY GRUINE WILMINGTON, NC 28405		
UNLESS OTHERWISE	WILMINGTON, NC 28405		
SPECIFIED	FAX. 910-452-3889		
.xx ± .xxx ±		DRAWING AND/OR ITS SPECIF PROPERTY OF LOADING AUTON	
ANGLES ±	MK4 SER 5W ORTE 1998-PRESENT MAY MAY MAY	NOT BE REPRODUCED IN ANY	MANNER NOR THE
DO NOT SCALE		ENTS DIVULGED TO A THIRD I EN CONSENT OF LOADING AU	
DRAWING	4 – 0 MODULES MR000073D		



COMMON COMPONENTS ROLLER TRACK SYSTEMS



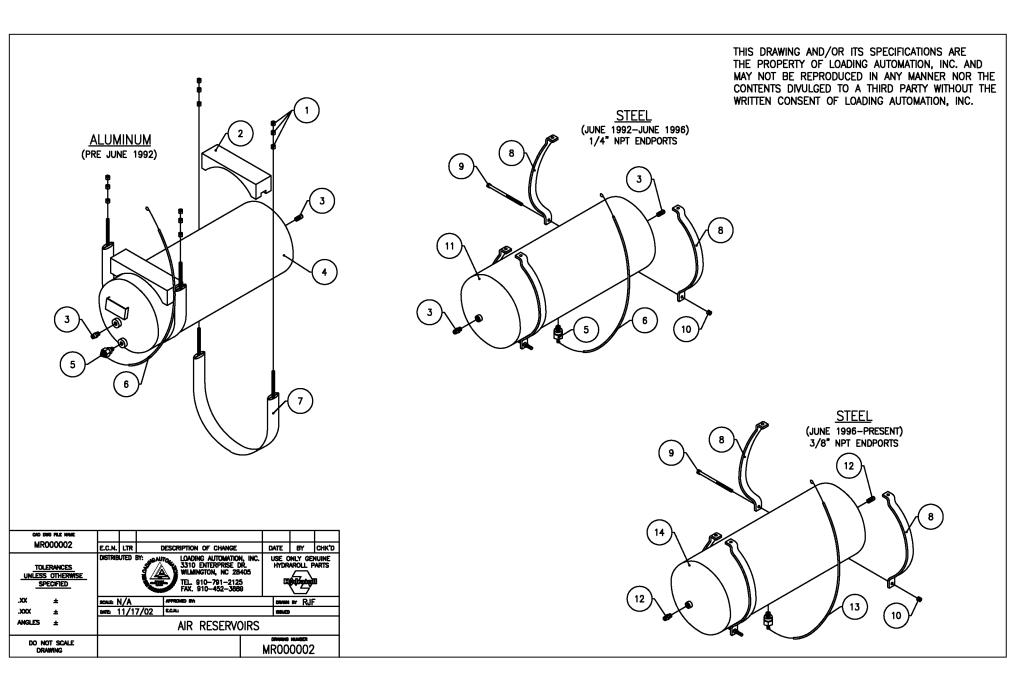


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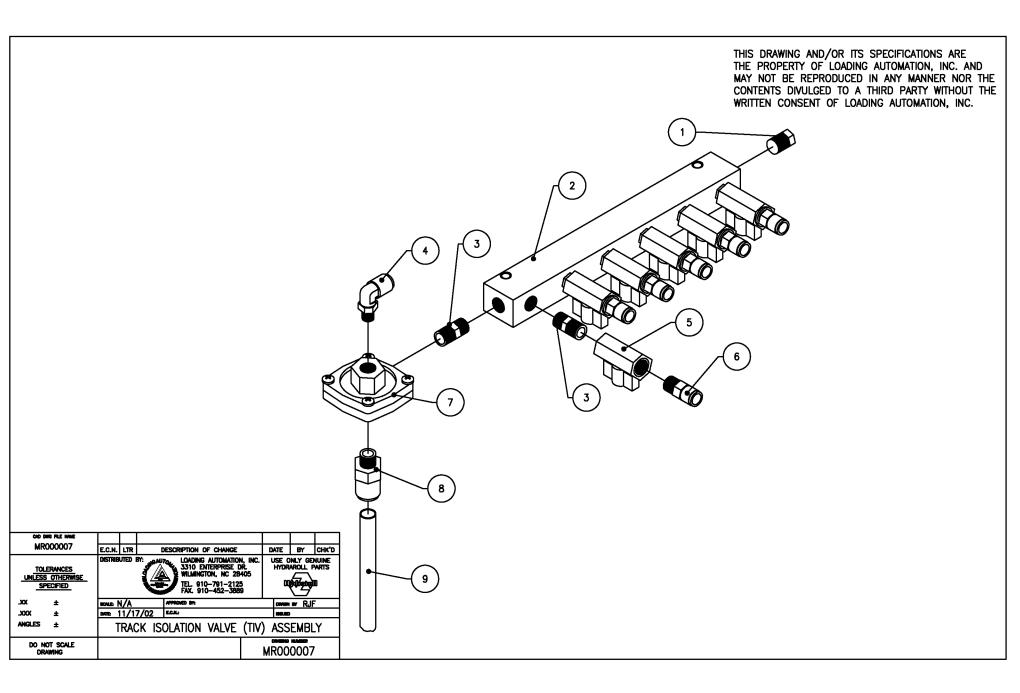
LOADING AUTOMATION, INC. WILMINGTON, NC (910) 791-2125 FAX (910) 452-3889 800-264-3184

DISTRIBUTED BY: GAUTOR LOADING AUTOMATION, INC. 3310 ENTERPRISE DR. WILMINGTON, NC 28405 TEL. 910-791-2125 FAX. 910-452-3889	40 50 60 70mm 2 3 ine	A ORIGINAL JM 517.00 SS REVISION DRN DATE APP DATE DRG. MR000001

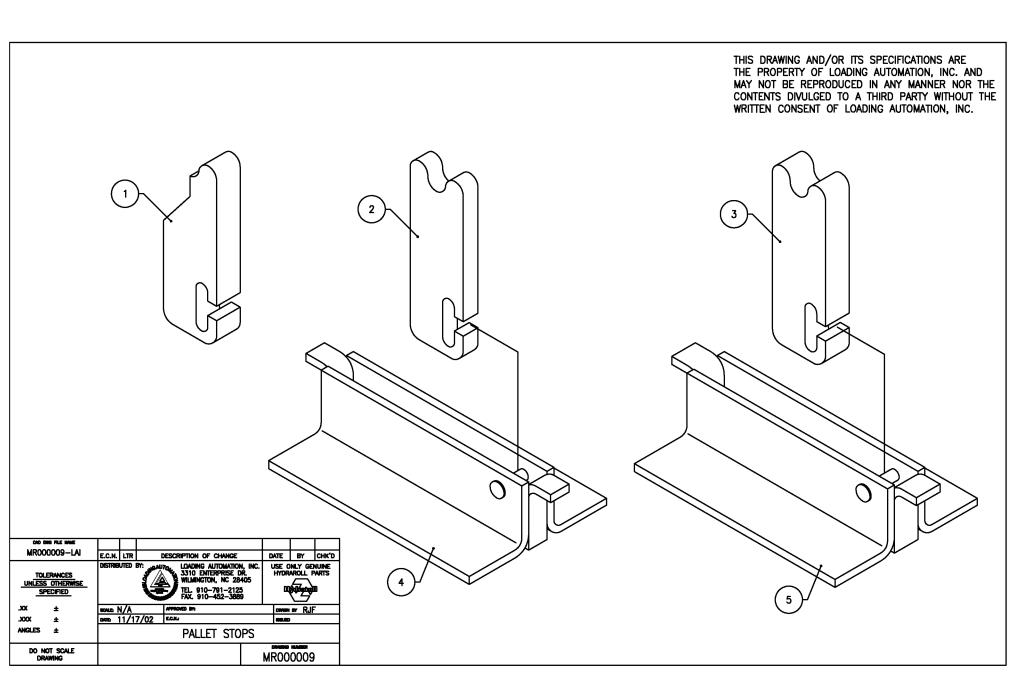
ITEM NUMBER	DESCRIPTION	PART NUMBER NUMBER REQUIRED
1 2 3 4	STUD COUPLING; 3/8" T (D.O.T.) x 1/4" BSP SCHRADER VALVE; 1/8" BSP VALVE BODY; 80 psi NON-RETURN VALVE; 5/16" T	
5	PRESSURE PROTECTION VALVE (PPV) ASSEMBLY	772016 1
CAD DWG FILE NAME		
MR000001A	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: CANTON, LOADING AUTOMATION, INC. USE ONLY GENUINE 3310 ENTERPRISE OR. WILLINGTON, NC 28405	
TOLERANCES UNLESS OTHERWISE SPECIFIED	TEL 910-791-2125 FAX. 910-452-3889	
± xx. ± xxx.	BOLLE N/A APPROVED BY: DINNER BY RJF DWTE: 11/15/02 ELAL: ISSUED	THIS DRAWING AND/OR ITS SPECIFICATIONS ARE THE PROPERTY OF LOADING AUTOMATION, INC. AND
ANGLES ±	PRESSURE PROTECTION VALVE (PPV) ASS'Y	MAY NOT BE REPRODUCED IN ANY MANNER NOR THE CONTENTS DIVULGED TO A THIRD PARTY WITHOUT THE
DO NOT SCALE DRAWING	MR000001A	WRITTEN CONSENT OF LOADING AUTOMATION, INC.



ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
8 9 10 11 STER 12 13	NUT; 3/8" NYLOC WOOD SADDLE BLOCK STUD COUPLING; 5/16" T x 1/4" NPT ALUMINUM AIR TANK RESERVOIR * DRAIN VALVE *** PULL CABLE AIR TANK STRAP BRACKET; PAIR; 12" STEEL BOLT; 3/8" x 6" HEX HEAD GRADE 8 NUT; 3/8" NYLOC EL AIR TANK RESERVOIR w/ 1/4" NPT ENDPORTS ** STUD COUPLING; 5/16" T x 3/8" NPT DRAIN VALVE WITH CABLE EEL AIR TANK RESERVOIR w/ 3/8" NPT ENDPORTS	770003 770004 941009 OBSOLETE 773017 770008	2
	ALUMINUM AIR TANK ASSEMBLY (incl. 1-7) * USE	STEEL AIR TANK ASSEM	IBLY 1
	STEEL AIR TANK ASSEMBLY (incl. 8–10,12–14) JUNE 1996 – PRESENT	770000	1
	 <u>E</u>: ALUMINUM RESERVOIR OBSOLETE AS OF JUUSE STEEL AIR TANK FOR REPLACEMENT IN USE OF JUNE 1996, THE STEEL AIR TANK WIS OBSOLETE. IT HAS BEEN REPLACED BY ENDPORTS. BE SURE THAT 3/8" STUD CONTHE NEW RESERVOIR. 	PART MITH 1/4" NPT ENDP Y A TANK WITH 3/8'	9
*** <u>NOTE</u>	E: AS OF MAY 1996, THE DRAIN VALVE (P/N (P/N 770006) HAVE BEEN REPLACED BY ASSEMBLY (P/N 770008). THE DRAIN VA OBSOLETE, BUT THE PULL CABLE (P/N 77 REPLACEMENT PURPOSES.	A DRAIN VALVE WITH LVE (P/N 770001)	H CABLE S
COD DITO FILE INVIE MROOOOO2A TOLERANCES	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: CHIX'D LOADING AUTOMATION, INC. USE ONLY GENUINE HYDRAROLL PARTS		
UNLESS OTHERMISE SPECIFIED JOX ± JOX ± ANGLES ± DO NOT SCALE DRAMING	TEL 910-791-2125 Electronal BONLE N/A APPROXED BIN OWNEN BY RJF DWILE 11/15/02 EGAN: BENLE AIR RESERVOIRS CONTRE	DRAWING AND/OR ITS SPECIFIC/ PROPERTY OF LOADING AUTOMAT NOT BE REPRODUCED IN ANY M ENTS DIVULGED TO A THIRD PAI EN CONSENT OF LOADING AUTO	10n, INC. AND ANNER NOR THE RTY WITHOUT THE



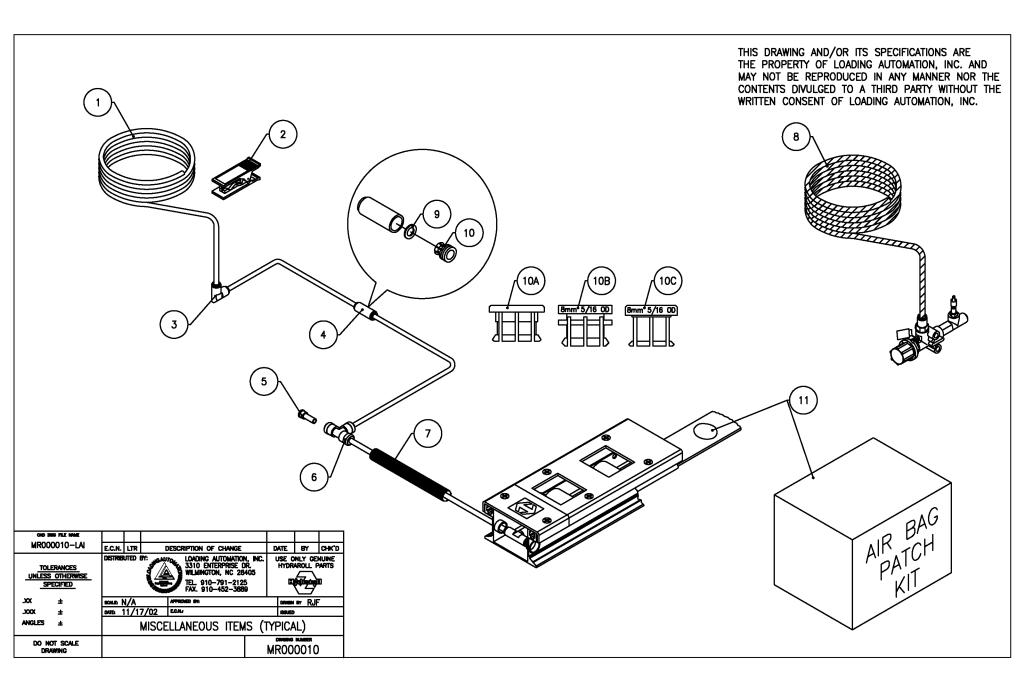
ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1 2 3	TIV BLANKING PLUG; BRASS; 1/4" NPT MANIFOLD BLOCK; ALUMINUM; 6–PORT NIPPLF: HFX: BRASS: 1/4" NPT x 1/4" NPT	778003 772030 778001	1 1 7
4	NIPPLE; HEX; BRASS; 1/4" NPT x 1/4" NPT SWIVEL ELBOW; 5/16" T x 1/4" NPT	773012	1
5 6	SHUT-OFF VALVE WITH RED KNOB	772005	
6	STUD COUPLING; 5/16"T x 1/4" NPT	773008	6 6 1
7	QUICK EXHAUST VALVE; BODY ONLY *	772006	
8	STUD COUPLING; 12mm T x 1/4" NPT	776001	1
9	QEV TUBE; 12mm 6"LONG	776002	1
10 (QUICK EXHAUST VALVE ASSEMBLY (incl. 3,4,7–9) **	772026	1
11	TRACK ISOLATION VALVE ASSEMBLY (TIV) 6-PORT MANIFOLD WITH 6 VALVES; COMPLETE	772018	1
	TRACK ISOLATION VALVE ASSEMBLY (TIV) 6-PORT MANIFOLD WITH 4 VALVES; COMPLETE	772050	1
*	<u>NOTE</u> : REPLACES ORIGINAL ISSUE – 1991 QUICK EXHAUST VALVE (HUMPHREY) 700	331	
**	<u>NOTE</u> : REPLACES ORIGINAL ISSUE – 1991 QUICK EXHAUST VALVE ASSEMBLY HA-20	D1F0801	
CAD DWG FILE NAME			
MR000007A <u>TOLERANCES</u> <u>UNLESS OTHERWISE</u> <u>SPECIFIED</u>	A ADDED 4 VALVE TIV, CHANGED TUBE DESC. 1/23/06 RJF E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: CAUTOL LOADING AUTOMATION, INC. USE ONLY GENUINE HYDRAROLL PARTS WILMINGTON, NC 28405 TEL. 910-791-2125 EXPUTENTION		
.xx ±	SCALE: N/A APPROVED BY: DRAWN BY RJF THIS D	RAWING AND/OR ITS SPEC	
.XXX ± ANGLES ±		ROPERTY OF LOADING AUTO	
	TRACK ISULATION VALVE (TV) ASSEMBLT CONTEN	ITS DIVULGED TO A THIRD	PARTY WITHOUT THE
DO NOT SCALE DRAWING	MR000007A WRITTEN	N CONSENT OF LOADING A	UTOMATION, INC.



		DADT	
ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
NUMBER 1 2A 2B 3A 3B RE 4 4 PALI 5	DESCRIPTION REPLACEMENT BLADE; NOTCHED; 1" THICK REPLACEMENT BLADE; 5/8" THICK; WINGED TRACK REPLACEMENT BLADE; STANDARD; 1" THICK; WINGED TRACK PALLET STOP ASSY w/ 5/8" THK BLADE (incl. 2A) LET STOP ASSY w/ 5/8" THK BLADE; WING TRACK (incl. PALLET STOP ASSY w/STD 1" THK BLADE; WING TRACK (incl. PALLET STOP ASSY w/STD 1" THK BLADE; WING TRACK (incl.	710006 710004 710015 710007 710011 710003 2B) 710014 710005	

	IQ FILE HANE								
MR000009A-LAI			E.C.N. LTR DESCRIPTION OF CHANGE			DATE	BY	CHK'D	
UNLESS	ERANCES OTHERWISE ECIFIED	DISTRIE	UTED	BY: MAN	3310 ENTE	I, NC 28405 791-2125	HYDR	AROLL	PARTS
.xx	±	SCALE	N/A		APPROVED BY:			∎r RJ	F
.XXX	±	OATE:	11/1	5/02	ECJI:		(\$\$1,6))	
ANGLES	±				PALLE	r stops			
DO NOT SCALE DRAWING							MR00	: NUMBER 2009.	A

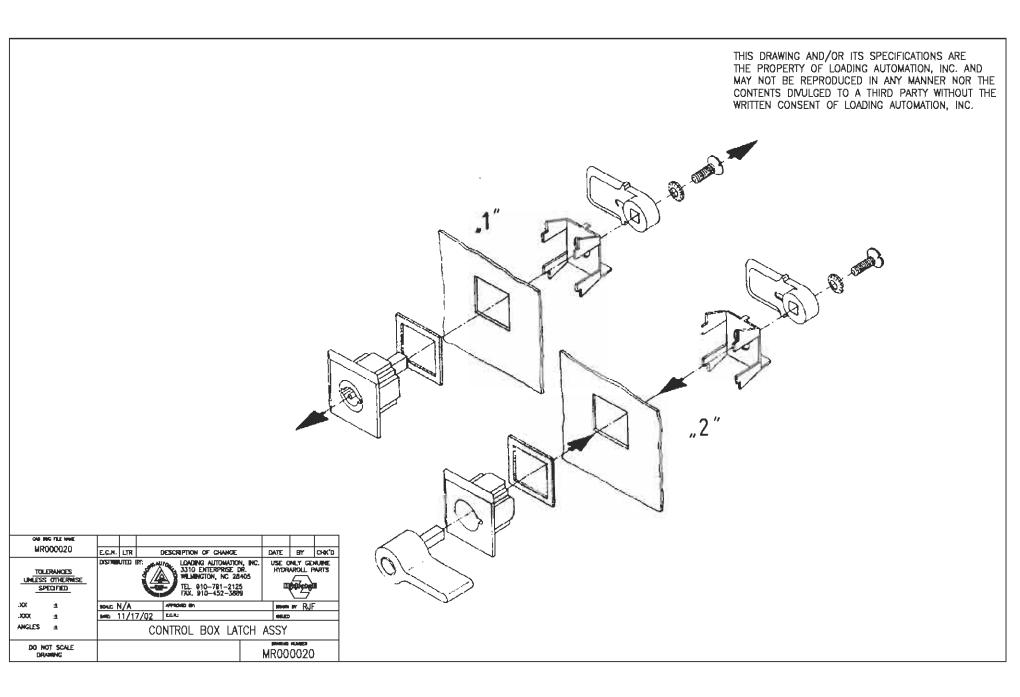
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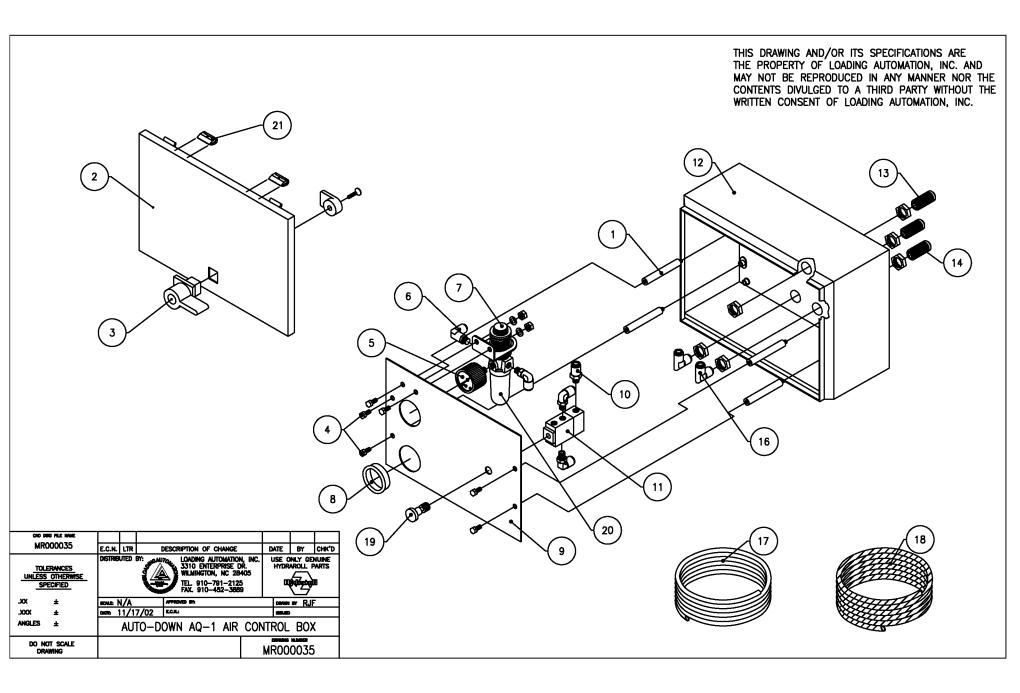


ITEM	DESCRIPTION	PART	NUMBER
NUMBER		NUMBER	REQUIRED
1 2 3 4 5 6 7 8 9 10A 10B 10C 11	NYLON TUBING; 5/16" OD TUBING CUTTER ELBOW CONNECTOR; 5/16" BRASS STRAIGHT CONNECTOR BLANKING PLUG TEE; 5/16" T PLASTIC CONDUIT NYLON TUBING; 3/8" OD (DOT) BLUE O-RING; 5/16" COLLET; 5/16" OLD STYLE THIN-LIP (PRE 1986) COLLET; 5/16" PRINTED EDGE DOUBLE LIP (1986–93) OLLET; 5/16" PRINTED EDGE SINGLE LIP (1993–PRESENT) AIR BAG PATCH KIT	773005 714009 773010 773007 773004 714008 775001 773014 773003 773002 773013 763001	

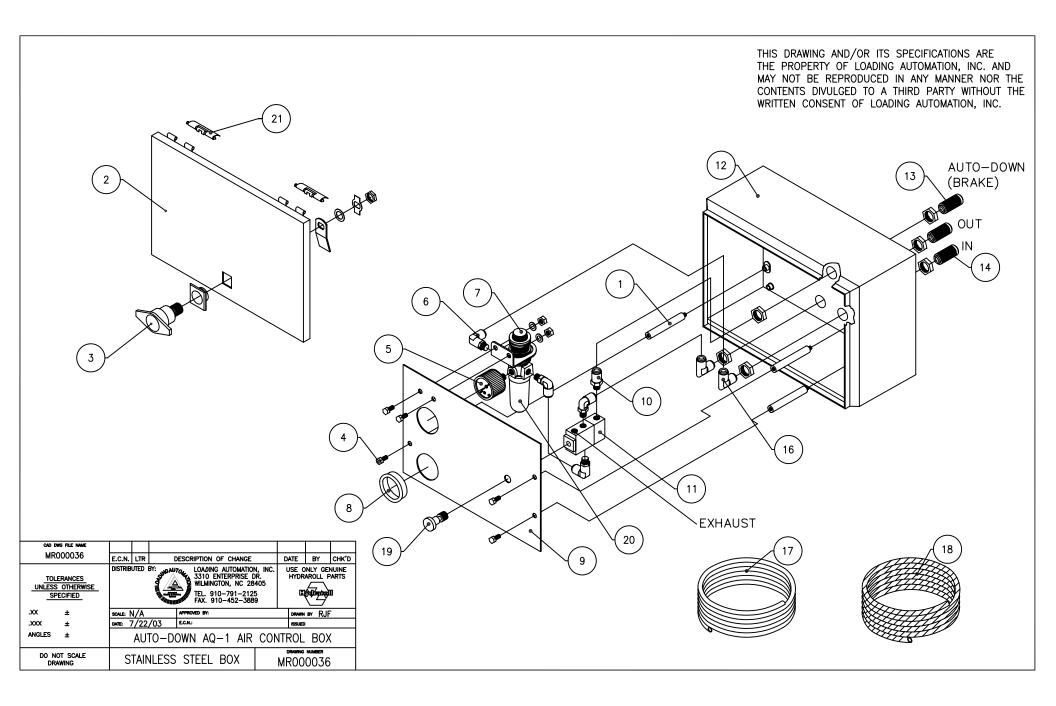
	IG FILE NAME								
MROOO	0010 A —LAI	E.C.N.					DATE	BY	CHK'D
TOLERANCES UNLESS OTHERWISE SPECIFIED		DISTRIBUTED BY: LOADING AUTOMATION, INC. WILMINGTON, NC 28405 TIL 910-791-2125 FAX. 910-452-3889			xŔ. 405 5	USE ONLY GENUINE HYDRAROLL PARTS			
.XX.	±	5040	N/A		APPROVED BY:			■ RJF	5
3000	±	DKTE:	11/1	5/02	EC.K		ISSUED		
ANGLES	±			MISCE	LLANEOUS ITEM	IS (T	YPICA	L)	
DO NOT SCALE DRAWING		MR000010A							

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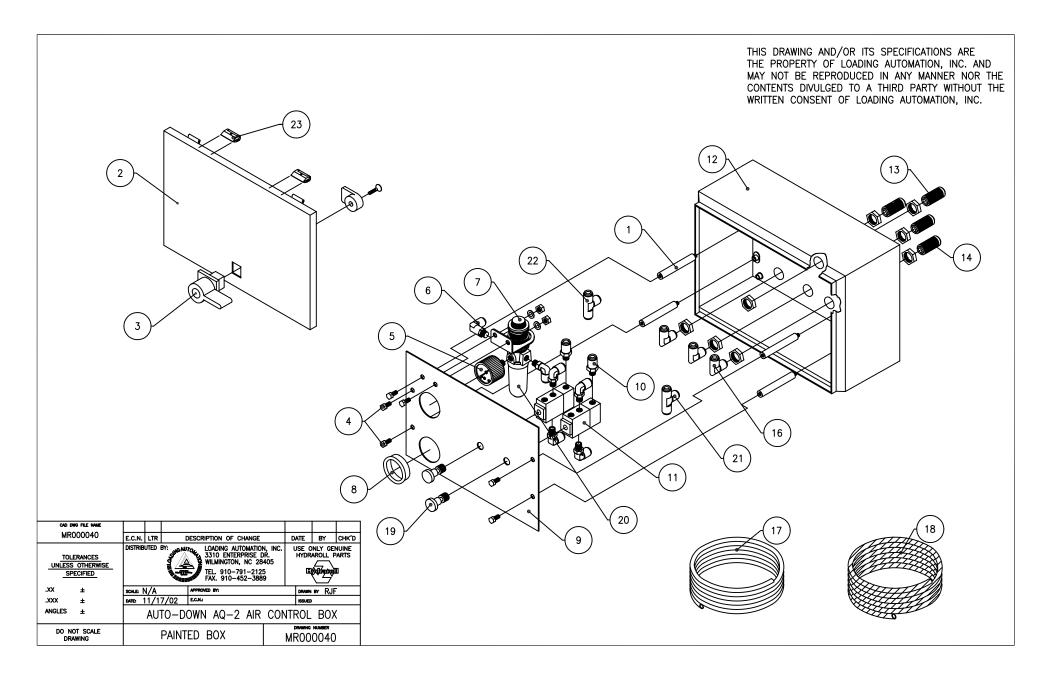




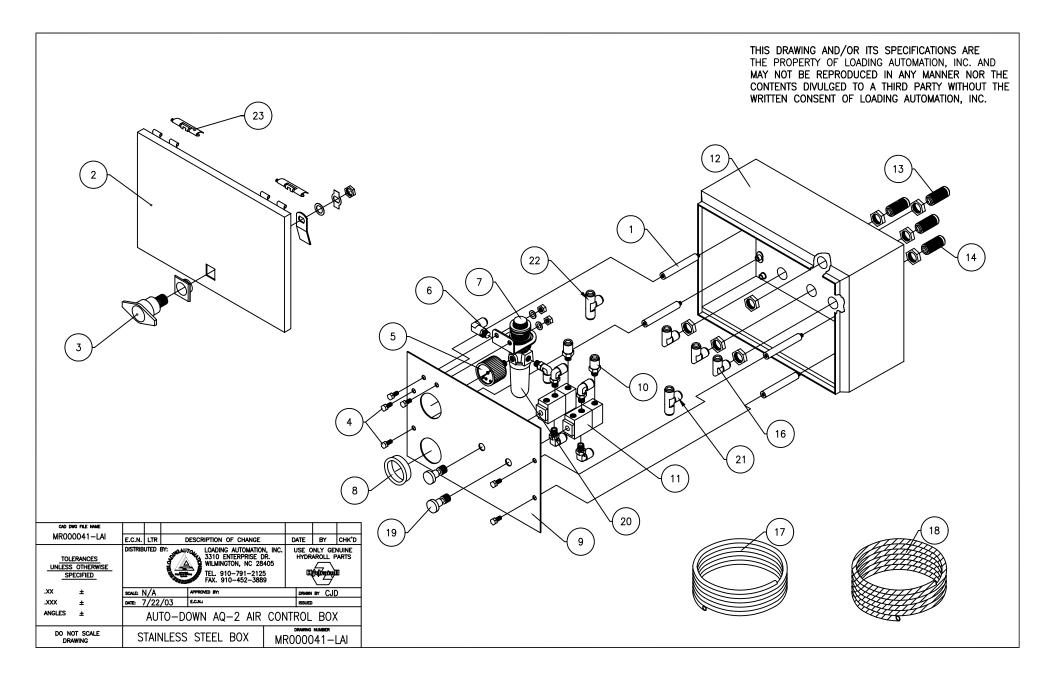
ITEM NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
8 9 10 11 12 13 14 16	DESCRIPTION FACE PLATE MOUNTING PILLAR * LID; COMPLETE WITH SEAL * LATCH * FACE PLATE MOUNTING BOLT * GAUGE; 30 psi SWIVEL ELBOW ADAPTER; 5/16" T x 1/8" P FILTER REGULATOR ASSEMBLY; 30 psi (incl. 5,6,20) GROMMET FACE PLATE (PREDRILLED) * STUD COUPLING; 3/8" T (DOT) x 1/8" NPT AUTO-DOWN CONTROL VALVE (incl. 19) BOX ASSEMBLY (5" x 8" x 12") * BULKHEAD CONNECTOR; 3/8" T; DOT; COMPLETE WITH LOCKNUTS BULKHEAD CONNECTOR; 5/16" T; COMPLETE WITH LOCKNUTS ELBOW CONNECTOR NYLON TUBING; 5/16" OD NYLON TUBING; 3/8" DOT KNOB; AUTO-DOWN VALVE FILTER BOWL (METAL) REPLACEMENT HINGE (incl. screws and washers) *	NUMBER 771043 771013 771012 940031 772008 773011 772017 714002 771027 775004 771023 775002 771010 771010 773010	REQUIRED 4 1 4 1 4 1 1 1 1 1 1 2 2 3 FEET AS REQ'D 1
20	REPLACEMENT HINGE (incl. screws and washers) *	772012	2
AUTO-	-DOWN AIR CONTROL BOX AQ-1 COMPLETE (incl. 1-20)		1
	RETRO-KIT AUTO-DOWN CONTROL BOX	771028	
* <u>N</u>	I <u>OTE</u> : AS OF JANUARY 1998, THE SAREL BRAND CONTROL IS OBSOLETE. IT HAS BEEN REPLACED BY A RITTA BRAND CONTROL BOX.		
OND DING FLE HINNE MROOD035A TOLERANCES LINLESS OTHERWISE	E.C.N. LTR DESCRIPTION OF CHANGE DATE BY CHK'D DISTRIBUTED BY: DATE DATE BY CHK'D WILLINGTON, INC. USE ONLY GENUINE WILLINGTON, INC. 28405 TEL 910-791-2125		
	FAX. 910-452-3889 Image: Control of the second of the se	VING AND/OR ITS SPEC ERTY OF LOADING AUT BE REPRODUCED IN AI DIVULGED TO A THIRD CONSENT OF LOADING A	OMATION, INC. AND NY MANNER NOR THE) PARTY WITHOUT THE
DRAWING	MR000035A		



ITEM NUMBER	DESCRIPTION	PART NUMBER	
1	FACE PLATE MOUNTING PILLAR *	771043	3
2 3	S/S LID; WITH HINGES	771048	1
	TEE HANDLE LATCH; CHROME *	771045	1
4 5	FACE PLATE MOUNTING BOLT *	940031	3 1
5 6	GAUGE; 30 psi SWIVEL ELBOW ADAPTER; 5/16"T x 1/8" NPT	772008 773011	4
	FILTER REGULATOR ASSEMBLY; 30 psi (incl. 5,6,20)	772017	4
8	GROMMET	714002	1
9	FACE PLATE (PREDRILLED) *	771047	1
10	STUD COUPLING; 3/8" T (DOT) x 1/8" NPT		1
11	AUTO-DOWN CONTROL VALVE (incl. 19)	772024	1
12 S/S	S ENCLOSURE; AQ1; PRED-DRILLED W/ DECAL (EMPTY)*	771049	1
13	BULKHEAD CONNECTOR; 3/8"T; DOT;	775002	1
	COMPLETE WITH LOCKNUTS		
14	BULKHEAD CONNECTOR; 5/16" TUBE	771010	2
10	COMPLETE WITH LOCKNUTS	777010	0
16 17	ELBOW FITTING; 5/16" TUBE	773010	2 3 FEET
17 18	NYLON TUBING; 5/16" OD NYLON TUBING; 3/8" OD; DOT	773005 775001	AS REQ'D
19	KNOB; AUTO-DOWN VALVE	772023	AS REQ D
20	FILTER BOWL (METAL)	772012	
21	S/S HINGE ASSEMBLY (REPLACEMENT)	771046	2
			_
	DOWN AND CONTROL DOY AG 1 CONDUCTE (incl. 1. 20)	771050	1
AUTU	-DOWN AIR CONTROL BOX AQ-1 COMPLETE (incl. 1-20)	771050	1
	RETRO-KIT AUTO-DOWN CONTROL BOX	771028	
* <u>N</u>	NOTE: AS OF JANUARY 1998, THE SAREL BRAND CONTROL IS OBSOLETE. IT HAS BEEN REPLACED BY A RITTAL BRAND CONTROL BOX.		
CAD DWG FLE NAME MR000036A UNLESS OTHERWISE SPECIFIED .XX ± .XXX ± ANGLES ± DO NOT SCALE DRAWING	AUTO-DOWN AQ-1 AIR CONROL BOX		OMATION, INC. AND NY MANNER NOR THE O PARTY WITHOUT THE



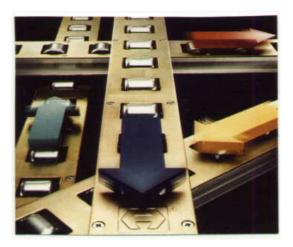
ITEM NUMBER	DESCRIPTION	PART NUMBER	
1 2 3 4 5 6 7 8 9 10 11 12 13	FACE PLATE MOUNTING PILLAR * LID; COMPLETE WITH SEAL * LATCH * FACE PLATE MOUNTING BOLT * GAUGE; 30 psi SWIVEL ELBOW ADAPTER; 5/16" T x 1/8" P FILTER REGULATOR ASSEMBLY; 30 psi (incl. 5,6,20) GROMMET FACE PLATE (PREDRILLED) * STUD COUPLING; 3/8" T (DOT) x 1/8" NPT AUTO-DOWN CONTROL VALVE (incl. 19) BOX ASSEMBLY (5" x 8" x 12") * BULKHEAD CONNECTOR; 3/8" T; DOT; COMPLETE WITH LOCKNUTS BULKHEAD CONNECTOR; 5/16" T; COMPLETE WITH LOCKNUTS ELBOW CONNECTOR; 5/16" OD NYLON TUBING; 3/8" DOT KNOB; AUTO-DOWN VALVE FILTER BOWL (METAL) CONNECTOR TEE; 5/16" T	771043 771013 771012 940031 772008 773011 772017 714002 771029 775004 772024 771023 775002 771010 773010 773010 773005 775001 772023 775001 772023 772012 773004 775003	4 1 4 1 6 1 1
23	REPLACEMENT HINGE (incl. screws and washers) * O-DOWN AIR CONTROL BOX AQ-2 COMPLETE (incl. 1-22) RETRO-KIT AUTO-DOWN CONTROL BOX	771003	2
	* <u>NOTE</u> : AS OF JANUARY 1998, THE SAREL BRAND IS OBSOLETE. IT HAS BEEN REPLACED BY BRAND CONTROL BOX.		
OND DING FILE NAME MR000040A <u>TOLERANCES</u> <u>UNLESS OTHERWISE</u> <u>SPECIFIED</u> .XX ± .XXX ± .XXX ± ANGLES ± DO NOT SCALE DRAWING	TEL 910-791-2125 Electropic sould: N/A APPROVED BY: Davage of Call wre: 11/15/02 LCAN: BENED AUTO-DOWN AQ-2 AIR CONTROL BOX	Rawing and/or its spec operty of loading auto t be reproduced in an ts divulged to a third i consent of loading a	MATION, INC. AND IY MANNER NOR THE PARTY WITHOUT THE



ITEM		PART	NUMBER
NUMBER	DESCRIPTION	NUMBER	
1 2	FACE PLATE MOUNTING PILLAR * LID; WITH HINGES	771043 771048	4
3	LATCH *	771045	1
4	FACE PLATE MOUNTING BOLT *	940031	4
5	GAUGE; 30 psi	772008	1
6 7	SWIVEL ELBOW ADAPTER; 5/16" T x 1/8" P FILTER REGULATOR ASSEMBLY; 30 psi (incl. 5,6,20)	773011 772017	6 1
8	GROMMET	714002	1
9	FACE PLATE (PREDRILLED) *	771047	1
10 11	STUD COUPLING; 3/8" T (DOT) x 1/8" NPT AUTO-DOWN CONTROL VALVE (incl. 19)	775004 772024	2 2
12	BOX ASSEMBLY $(5" \times 8" \times 12") *$	771023	
13	BULKHEAD CONNECTOR; 3/8" T; DOT;	775002	1
	COMPLETE WITH LOCKNUTS	774040	7
14	BULKHEAD CONNECTOR; 5/16" T; COMPLETE WITH LOCKNUTS	771010	3
16	FLEOW CONNECTOR: 5/16" T	773010	3
17	NYLON TUBING; 5/16" OD NYLON TUBING; 3/8" DOT KNOB; AUTO-DOWN VALVE FILTER BOWL (METAL) CONNECTOR TEE; 5/16" T CONNECTOR TEE; 3/8" DOT	773005	3 FEET
18 19	NYLON TUBING; 3/8" DOT KNOB: ALITO-DOWN VALVE	775001 772023	AS REQ'D 2
20	FILTER BOWL (METAL)	772023	1
21	CONNECTOR TEE; 5/16" T	773004	1
22	CONNECTOR TEE; 3/8" DOT HINGE ASSEMBLY (REPLACEMENT)	775003	1
23	HINGE ASSEMBLY (REPLACEMENT)	771046	2
	0–DOWN AIR CONTROL BOX AQ–2 COMPLETE (incl. 1–22) SS STEEL ENCLOSURE (EMPTY); AQ–2 PRE–DRILLED W/DECAL		1 1
		774000	
	RETRO-KIT AUTO-DOWN CONTROL BOX	771028	
	* <u>NOTE</u> : AS OF JANUARY 1998, THE SAREL BRAND CON IS OBSOLETE. IT HAS BEEN REPLACED BY A F BRAND CONTROL BOX.		
OND THE HAME MR000041A-LAI <u>UNLESS OTHERWISE</u> <u>SPECIFIED</u> .XX ± .XXX ± ANGLES ± DO NOT SCALE DRAWING	DISTRIBUTED BY: JUNCAL LOADING AUTOMATION, INC. DISTRIBUTED BY: JUNCAL LOADING AUTOMATION, INC. BY: JUNCAL LOADING, AUTOMATION, INC. BY: JUNCAL LOADING AUTOMATION, INC. BY	y of loading a Reproduced in 'Ulged to a th	PECIFICATIONS ARE UTOMATION, INC. AND ANY MANNER NOR THE IRD PARTY WITHOUT THE G AUTOMATION, INC.



OPERATION & MAINTENANCE ROLLER TRACK SYSTEMS





Sold and Serviced by:

LOADING AUTOMATION, INC. WILMINGTON, NC (910) 791-2125 FAX (910) 452-3889 800-264-3184 Hydraroll Pneumatic Roller Track System. To be completed on all finished units.

Test procedure:

- 1. Charge Hydraroll air reservoir(s) by operating truck or tractor engine on an air brake vehicle or by 12V DC compressor controlled by ignition switch.
- 2. Operate engine on air brake vehicle until a pressure of 100 psi is reached or the 12V DC compressor switches off (approximate time is 5 minutes for 12V DC compressor). Turn key to off position.
- 3. (Inflate)--Raise all track rollers.
- 4. Check pressure in Hydraroll control box. Pressure must be identical to previous reading. Record reading.
- 5. Re-check system after 12 hour period. Record reading.
- 6. A pressure differential of 10% or less in a 12-hour period is acceptable. If within 10% factor, check block in Hydraroll Performance Certificate and drop all rollers.

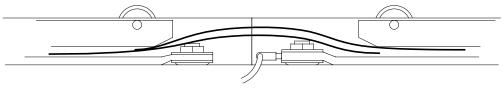
If greater than 10% factor, isolate, fix leak, and re-test unit.

<u>NOTE</u>: The pressure loss must be the <u>equivalent</u> of a 10% loss or less over a 12-hour period.

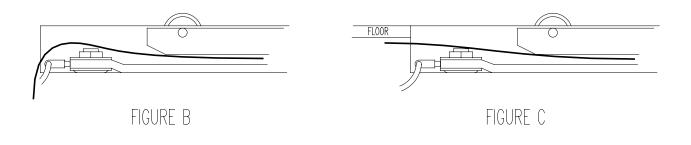
ACETAL INSTALLATION INSTRUCTIONS

WITH ACETAL IN TRACK FROM FACTORY

- 1. Install the track modules per installation instructions.
- 2. Overlap the acetal strip from each module (Figure A).
- 3. At the rear of the body, fold the acetal strip down to cover and seal the end of the module (Figure B).
- 4. At the front of the body, allow the acetal strip to extend under the floor (Figure C).

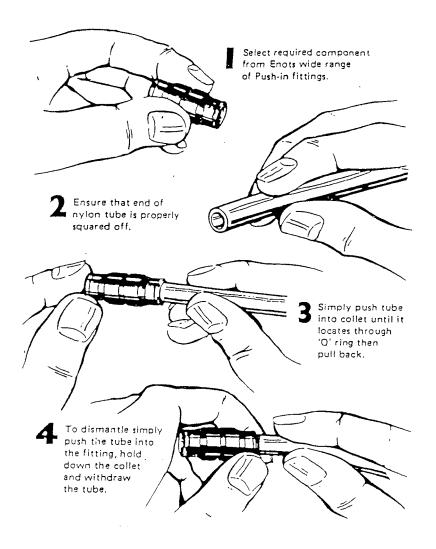






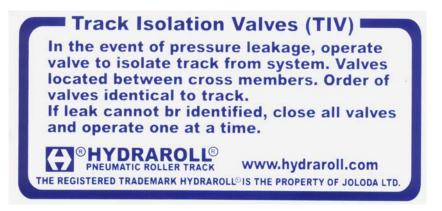
TUBING INSTALLATION

METHOD OF ASSEMBLY



DECAL LOCATION DRAWINGS

- 715004-Track Isolation Valves (TIV)
- Locate decal on flat body adjacent to TIV.



- 715006-Auxiliary Inflation Valve (AIV) ٠
- Locate decal on flat body surface adjacent to reservoir. •

Auxiliary Inflation Valve (AIV)

In the event air is unavailable from normal source, the Hydraroll air reservoir can be recharged from an alternate air source thru the auxiliary inflation valve (tire schrader valve) located on or near Hydraroll air reservoir.

PNEUMATIC ROLLER TRACK

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DECAL LOCATION DRAWINGS

- 715005-Forklift Warning Decal
- Locate decal in unobstructed view on inside rear sidewall.



- 715007-Warning Decal
- Locate decal on flat body surface adjacent to control box.

WARNING

FORK LIFTS PROHIBITED WHILE ROLLERS ARE RAISED. DO NOT WALK ON RAISED ROLLERS. DRIVE VEHICLE WITH ROLLERS LOWERED WHETHER OR NOT PALLETS ARE LOADED. OPERATE ROLLER SECTION UP OR DOWN ONLY IF VEHICLE IS

OPERATE ROLLER SECTION UP OR DOWN ONLY IF VEHICLE IS PROPERLY PARKED AND POSITIONED FOR LOADING OR UNLOADING. CHECK THAT VEHICLE FLOOR IS CLEAR OF PERSONNEL BEFORE RAISING ROLLERS.



MATIC BOLLER TRACK WWW.hvdraroll.com

DECAL LOCATION DRAWINGS

- 715032-Airbrake Interlock Decal (optional)
- Locate decal on or near the pneumatic control box.



- 715003-Operational Procedure/Maintenance Procedure
- Locate decal on the face of the Air Control Box.

