

185M SERIES

Kontrol-Karriers with Spark Resistant Parts

Operator's Manual for MORSE 185M Series Kontrol-Karriers with Spark Resistant Parts Serial # 0188 - 0407

185A-M for 55 gal. standard steel drums (22 1/2" diameter) 185B-M for 30 gal. standard steel drums (19" diameter) 185C-M for steel or fibre drums (21 - 23" diameter) 185D-M for steel or fibre drums (19 - 20 1/2" diameter) The letter M designates "Made with spark resistant parts."

A. IMPORTANT:

- 1. Review the Material Safety Data Sheet(s) for the material(s) in the drum(s) and take all necessary precautions. Safety shoes, work gloves, hard hat and other personal protective devices are recommended.
- Please read all instructions thoroughly before attempting to operate your new MORSE drum handler. 2.
- The models 185A-M, 185B-M, 185C-M, and 185D-M have a maximum capacity rating of 800 Lb. FULL drum and 500 Lb. 3. HALF-FULL and are intended for lifting, moving and pouring drums of size and type noted above. DO NOT exceed these ratings as an unsafe condition may result which could cause damage or excessive wear, or make the unit awkward to handle.
- 4. When loading, unloading, operating, or maintaining your MORSE drum handler, always use care and good judgment, have good footing and a firm hold. Keep hands and loose clothing, etc. away from all moving parts. Never allow anyone to be below any part of a raised drum handler or drum. Read operating instructions and review the pictures in the sales brochure before operation.
- The Model 185M Series is a "Group 1 Structural and Mechanical" Below-the-Hook Lifting Device which is covered by the 5. American National Standard ANSI/ASME B30.20. The user should comply with all aspects of this standard.

B. OPERATING INSTRUCTIONS:

- 1. With Kontrol-Karrier standing on the floor, lower hoist and engage hoist hook into the lifting eye.
- Raise hoist to lift Kontrol-Karrier clear of floor and move it to the drum. 2.
- Position Kontrol-Karrier at a height which aligns the saddle band with the center of the drum. 3
- 4. With the cinch chain (item 25 or 26) hanging freely, push Kontrol-Karrier against the drum so that saddle will encircle the drum.
- 5. Drape the cinch chain (item 25 or 26) across the front of the drum and insert one link into the slot on the ratchet handle (item 36). Turn the ratchet handle clockwise to tighten the cinch chain around the drum (see detail).
- 6. Raise hoist and position the drum at the pouring station.
- 7. Pour the drum by pulling on the pull chain (item 4) and rotating the drum to a suitable pouring angle. For best control of drum pouring angle, pay out one side of the loop while pulling in the other side, thus being able to hold back the drum rotation after the load shifts.
- 8. After pouring is completed, rotate the drum back to vertical position and lower hoist to return drum to floor.
- To remove drum: Pull ratchet handle to relieve pressure on ratchet teeth. Lift pawl handle (item 33) to release teeth engage-9. ment and rotate ratchet to loosen chain and allow its removal from notch.

CAUTION: DO NOT allow drum to impact on floor, ground, or dumping station, etc. or there may be damage.

CAUTION: DO NOT exceed weight capacity of 800 Lb. for FULL drum, 500 Lb. for HALF-FULL drum.

C. MAINTENANCE:

- 1. Lubricate gear teeth and roller chain.
- 2. Oil ratchet, pawl, saddle hinge and other moving parts periodically.
- 3. Periodically inspect all moving parts, framework, and contact areas for signs of wear, fatigue, or loosening. Tighten, adjust or replace parts as necessary to prevent failure and maintain proper function.

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185M SERIES

Kontrol-Karriers with Spark Resistant Parts

Parts List for Morse 185M Series Serial # 0188 - 0407

1* 1 1-P CHAIN WHEEL #1-1/2 W/ GUIDE SR 2 1 3-P TRIANGLE & SHAFT W/ BOLTS 3 12 28-P CHAIN, 1/0 BRASS, PER FT 4* 1 2435-P CHAIN, 1/0 BRASS, PER FT 5* 2 735-P KEY, WOODRUFF, SIZE 9, ASA606 6* 1 19-P BEARING, 3/4 1D X2-1/2* 7 2 55-P WASHER, 3/4 SAE FL 1-1/2 OD 8* 1 11-P SPROKET, #35 127, 3/4* BORE 9 1 15-P COLLAR, 3/4* ID 10* 1 7-P BEARING, 1* ID X2-1/2* 11 16-P COLLAR, 3/4* ID 1 12* 1 16-P BEARING, 1* ID X2-1/2* 13* 1 12-P CHAIN, MOLLER, #35 VH MLINK 14* 1 795-P LINK, MASTER, #35 CHAIN 15* 1 13-P SPROCKET #35 367, 3/4* BORE 16* 1 14-P GEAR, PURON, 7 TOOTH 17* 1 29-P SPACER, S	ITEM #	SUFFIX, SEE NOTE 1	QTY.	PART #	DESCRIPTION
3 12 28-P CHAIN, 1/0 BRASS, PER FT 4* 1 2435-P CHAIN, PULL, BRASS, 1/0, 12' 5* 2 735-P KEY, WOODRUFF, SIZE 9, ASA606 6* 1 19-P BEARING, 3/4* ID X 2-1/2' 7 2 55-P WASHER, 3/4 SAE FL 1-1/2 OD 6* 1 11-P SPROCKET, #35 IZT, 3/4* BORE 9 1 15-P COLLAR, 3/4* ID X 1-1/2'' 10* 1 7-P BEARING, 3/4* ID X 1-1/2'' 11 1 16-P COLLAR, 1* ID 12* 1 18-P BEARING, 1* ID X2-1/2'' 13* 1 12-P CHAIN, ROLLER, #35 OHAN 14* 1 795-P LINK, MASTER, #35 CHAN 15* 1 13-P SPROCKET #35 OHAN 16* 1 14-P GEAR, PINION, 7 TOOTH 17* 1 29-P SPACER, SPUR GEAR, 15* 18 2 22-P SHOS, 3/8-24 X 5/8 19* 1 123-P GEAR, SPUR, 7	1*		1	1-P	CHAIN WHEEL #1-1/2 W/ GUIDE SR
4* 1 2435-P CHAIN, PULL, BRASS, 1/0, 12' 5* 2 735-P KEY, WOODRUFF, SIZE 9, ASA606 6* 1 19-P BEARING, 34' ID X2-1/2' 7 2 55-P WASHER, 3/4 SAE FL 1-1/2 OD 8* 1 11-P SPROCKT, 473 12T, 3/4' BORE 9 1 15-P COLLAR, 3/4' ID 10* 1 7.P BEARING, 3/4' ID X1-1/2'' 11 1 16-P COLLAR, 1' ID 12* 1 18-P BEARING, 3/4' ID X1-1/2'' 11 1 16-P COLLAR, 1' ID 12* 1 18-P BEARING, 1'' ID X2-1/2'' 13* 1 12-P CHAIN, ROLLER, 435 W/ M LINK 14* 1 18-P SPROCKET, 435 36T, 3/4'' BORE 16* 1 14-P GEAR, PINON, 7 TOOTH 17* 1 29-P SPACER, SPUR GEAR, 15'' 18 2 22-P SADDLE ASM, 185M, SR 21** A-M 1 725M-P	2		1	3-P	TRIANGLE & SHAFT W/ BOLTS
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6* 1 19-P BEARING, 3/4" ID X2-1/2" 7 2 55-P WASHER, 3/4 SAE FL 1-1/2 OD 8* 1 11-P SPROCKET, #35 12T, 3/4" BORE 9 1 15-P COLLAR, 3/4" ID 10* 1 7-P BEARING, 3/4" ID X1-1/2" 11 1 16-P COLLAR, 1" ID 12* 1 18-P BEARING, 1" ID X2-1/2" 13* 1 12-P CHAIN, ROLLER, #35 W/ M LINK 14* 1 795-P LINK, MASTER, #35 GHAIN 15* 1 13-P SPROCKET #35 36T, 3/4" BORE 16* 1 14-P GEAR, PINON, 7 TOOTH 17 1 29-P SPACER, SPUR, GEAR, 15" 18 2 22-P SHCS, 3/8-24 X5/8 19* 1 23-P GEAR, SPUR, 72T, 1" HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725M-P SADDLE ASM, 185D-M, SR 21** A-M 1	4*		1	2435-P	CHAIN, PULL, BRASS, 1/0, 12'
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13* 1 12-P CHAIN, ROLLER, #35 W/ M LINK 14* 1 795-P LINK, MASTER, #35 CHAIN 15* 1 13-P SPROCKET #35 36T, 3/4" BORE 16* 1 14-P GEAR, PINION, 7 TOOTH 17 1 29-P SPACER, SPUR GEAR.15" 18 2 22-P SHCS, 3/8-24 X5/8 19* 1 23-P GEAR, SPUR, 72T, 1" HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21** B-M 1 112BM-P SADDLE ASM, 185D-M, SR 21** G-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** G-M 1 112DM-P SADDLE ASM, 185D-M, SR 21** G-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE MAIN, 185D-M, SR SADDLE ASM, 185D-M, SR 23 1 4079-P HHCS, 1420 X7-1/2 SADM, SR 24 1 4079-P <td>11</td> <td></td> <td>1</td> <td>16-P</td> <td>COLLAR, 1" ID</td>	11		1	16-P	COLLAR, 1" ID
14* 1 795-P LINK, MASTER, #35 CHAIN 15* 1 13-P SPROCKET #35 36T, 3/4* BORE 16* 1 14-P GEAR, PINION, 7 TOOTH 17 1 29-P SPACER, SPUR GEAR.15" 18 2 22-P SHCS, 3/8-24 X 5/8 19* 1 23-P GEAR, SPUR, 72T, 1" HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21** A-M 1 725CM-P SADDLE ASM, 185B-M, SR 21** B-M 1 112BM-P SADDLE ASM, 185D-M, SR 21** C-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE ASM, 185D-M, SR SADDLE ASM, 185D-M, SR 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1	12 *		1	18-P	BEARING, 1" ID X 2-1/2"
15* 1 13-P SPROCKET #35 36T, 3/4" BORE 16* 1 14-P GEAR, PINION, 7 TOOTH 17 1 29-P SPACER, SPUR GEAR.15" 18 2 22-P SHCS, 3/8-24 X 5/8 19* 1 23-P GEAR, SPUR, 72T, 1" HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21** B-M 1 112BM-P SADDLE ASM, 185B-M, SR 21** C-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE ASM, 185D-M, SR SADDLE ASM, 185D-M, SR 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1	13 *		1	12-P	CHAIN, ROLLER, #35 W/ M LINK
16* 1 14-P GEAR, PINION, 7 TOOTH 17 1 29-P SPACER, SPUR GEAR.15" 18 2 22-P SHCS, 3/8-24 X 5/8 19* 1 23-P GEAR, SPUR, 72T, 1" HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21** B-M 1 112BM-P SADDLE ASM, 185B-M, SR 21** B-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** D-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE ASM, 185D-M, SR SADDLE ASM, 185D-M, SR 23 1 4079-P HACS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SX 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 </td <td>14 *</td> <td></td> <td>1</td> <td>795-P</td> <td>LINK, MASTER, #35 CHAIN</td>	14 *		1	795-P	LINK, MASTER, #35 CHAIN
17 1 29-P SPACER, SPUR GEAR.15" 18 2 22-P SHCS, 3/8-24 X5/8 19* 1 23-P GEAR, SPUR, 72T, 1" HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21** B-M 1 112BM-P SADDLE ASM, 285AM, SR 21** C-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** C-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE WELDMENT (NOT SOLD SEPARATELY) 23 1 4079-P HHCS, M8 X 60 MM CL8.8 MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27	15 *		1	13-P	SPROCKET #35 36T, 3/4" BORE
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19* 1 23-P GEAR, SPUR, 72T, 1* HOLE 20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21** B-M 1 112BM-P SADDLE ASM, 285AM, SR 21** B-M 1 112BM-P SADDLE ASM, 185B-M, SR 21** C-M 1 725CM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE WELDMENT (NOT SOLD SEPARATELY) 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5	17		1	29-P	SPACER, SPUR GEAR .15"
20 1 47M-P OVERHEAD YOKE, 185M SERIES, SR 21 ** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21 ** B-M 1 112BM-P SADDLE ASM, 285AM, SR 21 ** B-M 1 112BM-P SADDLE ASM, 185B-M, SR 21 ** C-M 1 725CM-P SADDLE ASM, 185CM, SR 21 ** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE WELDMENT (NOT SOLD SEPARATELY) 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 1297-P NUT, 1/4-20 REV HEX LOCK 33 1 168-P SPRING, PAWL 33 1 <td>18</td> <td></td> <td>2</td> <td>22-P</td> <td>SHCS, 3/8-24 X 5/8</td>	18		2	22-P	SHCS, 3/8-24 X 5/8
21 ** A-M 1 725AM-P SADDLE ASM, 285AM, SR 21 ** B-M 1 112BM-P SADDLE ASM, 185B-M, SR 21 ** C-M 1 725CM-P SADDLE ASM, 185D-M, SR 21 ** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 21 ** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE ASM, 185D-M, SR SADDLE ASM, 185D-M, SR 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 166-P SPRING, PAWL 32 * 1 169-P SPRING, PAWL 33	19 *		1	23-P	GEAR, SPUR, 72T, 1" HOLE
21 ** B-M 1 112BM-P SADDLE ASM, 185B-M, SR 21 ** C-M 1 725CM-P SADDLE ASM, 185CM, SR 21 ** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE WELDMENT (NOT SOLD SEPARATELY) 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32 * 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P RETAINER, RATCHET PUSH NUT 3/4 35 1 710-P RETAINE	20		1	47M-P	OVERHEAD YOKE, 185M SERIES, SR
21 ** C-M 1 725CM-P SADDLE ASM, 185CM, SR 21 ** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE WELDMENT (NOT SOLD SEPARATELY) 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X 7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32 * 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-KIT-P KIT, RATCHET CHAIN TI	21 **	A-M	1	725AM-P	SADDLE ASM, 285AM, SR
21** D-M 1 112DM-P SADDLE ASM, 185D-M, SR 22 SADDLE WELDMENT (NOT SOLD SEPARATELY) 23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 169-P SPRING, PAWL 32 * 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	21 **	B-M	1	112BM-P	SADDLE ASM, 185B-M, SR
22 Image: Mark State of the st	21 **	C-M	1	725CM-P	SADDLE ASM, 185CM, SR
23 1 4079-P HHCS, M8 X 60 MM CL8.8, 8MM 24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	21 **	D-M	1	112DM-P	SADDLE ASM, 185D-M, SR
24 1 4081-P NUT, M8 ESNA, 8MM 25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	22				SADDLE WELDMENT (NOT SOLD SEPARATELY)
25 A-M, B-M 1 1287-P CHAIN, CINCH, 3/16 SS 33 LK 26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	23		1	4079-P	HHCS, M8 X 60 MM CL8.8, 8MM
26 C-M, D-M 1 E14SS FIBRE DRUM STRAP, SS, SR 27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X 7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	24		1	4081-P	NUT, M8 ESNA, 8MM
27 1 64-P ROLL PIN, 3/16 X 1-1/4 29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32 * 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	25	A-M, B-M	1	1287-P	CHAIN, CINCH, 3/16 SS 33 LK
29 1 1296-P HHCS, 1/4-20 X7-1/2 GR5 30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32 * 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-FP RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	26	C-M, D-M	1	E14SS	FIBRE DRUM STRAP, SS, SR
30 1 1297-P NUT, 1/4-20 REV HEX LOCK 31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	27		1	64-P	ROLL PIN, 3/16 X 1-1/4
31 1 136-P GRIP, HANDLE 7/8" X 4-3/4" 32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	29		1	1296-P	HHCS, 1/4-20 X 7-1/2 GR5
32* 1 169-P SPRING, PAWL 33 1 168-P PAWL, WITH DRILLED HOLE 34 1 170-P SCREW, 3/8 DIA X 5/8 SHOULDER 35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	30		1	1297-P	NUT, 1/4-20 REV HEX LOCK
331168-PPAWL, WITH DRILLED HOLE341170-PSCREW, 3/8 DIA X 5/8 SHOULDER351710-PRETAINER, RATCHET PUSH NUT 3/4361165-PRATCHET, MALLEABLE, SADDLE371165KIT-PKIT, RATCHET CHAIN TIGHTENER	31		1	136-P	GRIP, HANDLE 7/8" X 4-3/4"
341170-PSCREW, 3/8 DIA X 5/8 SHOULDER351710-PRETAINER, RATCHET PUSH NUT 3/4361165-PRATCHET, MALLEABLE, SADDLE371165KIT-PKIT, RATCHET CHAIN TIGHTENER	32 *		1	169-P	SPRING, PAWL
35 1 710-P RETAINER, RATCHET PUSH NUT 3/4 36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	33		1	168-P	PAWL, WITH DRILLED HOLE
36 1 165-P RATCHET, MALLEABLE, SADDLE 37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	34		1	170-P	SCREW, 3/8 DIA X 5/8 SHOULDER
37 1 165KIT-P KIT, RATCHET CHAIN TIGHTENER	35		1	710-P	RETAINER, RATCHET PUSH NUT 3/4
	36		1	165-P	RATCHET, MALLEABLE, SADDLE
38 1 731M-P PLATE, RATCHET HINGE, 1/4", SR (NOT SOLD SEPARATELY)	37		1	165KIT-P	KIT, RATCHET CHAIN TIGHTENER
	38		1	731M-P	PLATE, RATCHET HINGE, 1/4", SR (NOT SOLD SEPARATELY)
39* 1 726M-P HINGE PLATE CPT, 1/4" SR	39*		1	726M-P	HINGE PLATE CPT, 1/4" SR

* Recommended spare parts

Note #1: If no letter is shown, the part is for Models 185A-M, 185B-M, 185C-M and 185D-M. If a letter is shown, the part is for the model with that letter suffix only.

** Item 21 "SADDLE ASM" (drum holder assembly) includes the "SADDLE WELDMENT" and appropriate attached moving parts (items 23, 24, 25, 29, 30 and 39).

Item 25 has been discontinued and no longer available. Replace with p/n 1287kit-p (KIT, 9/32" SS CHAIN W/ RATCHET) Item 26 has been discontinued and no longer available. Replace with p/n E14sskit-p (KIT, SS STRAP W/ RATCHET)

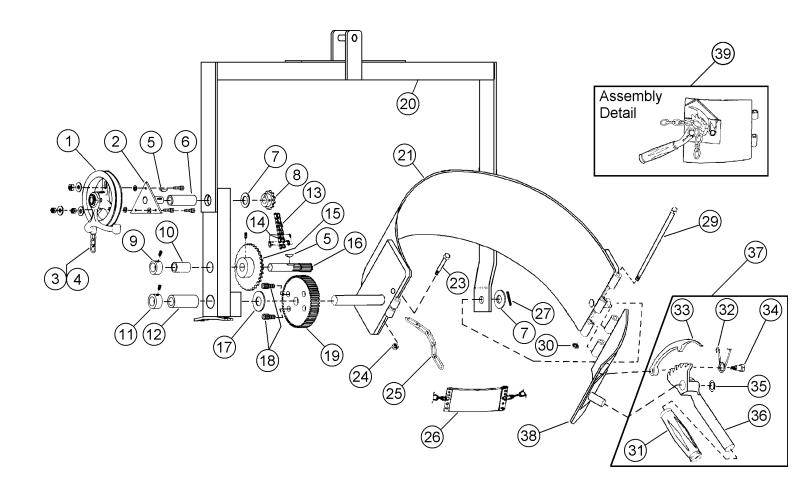
Website: www.MORSEmfgco.com



185M SERIES

Kontrol-Karriers with Spark Resistant Parts

Parts Diagram for Morse 185M Series Serial # 0188 - 0407



When ordering parts, specify part number and description, model number and serial number. Find model number and serial number on metal tag attached to Kontrol-Karrier.