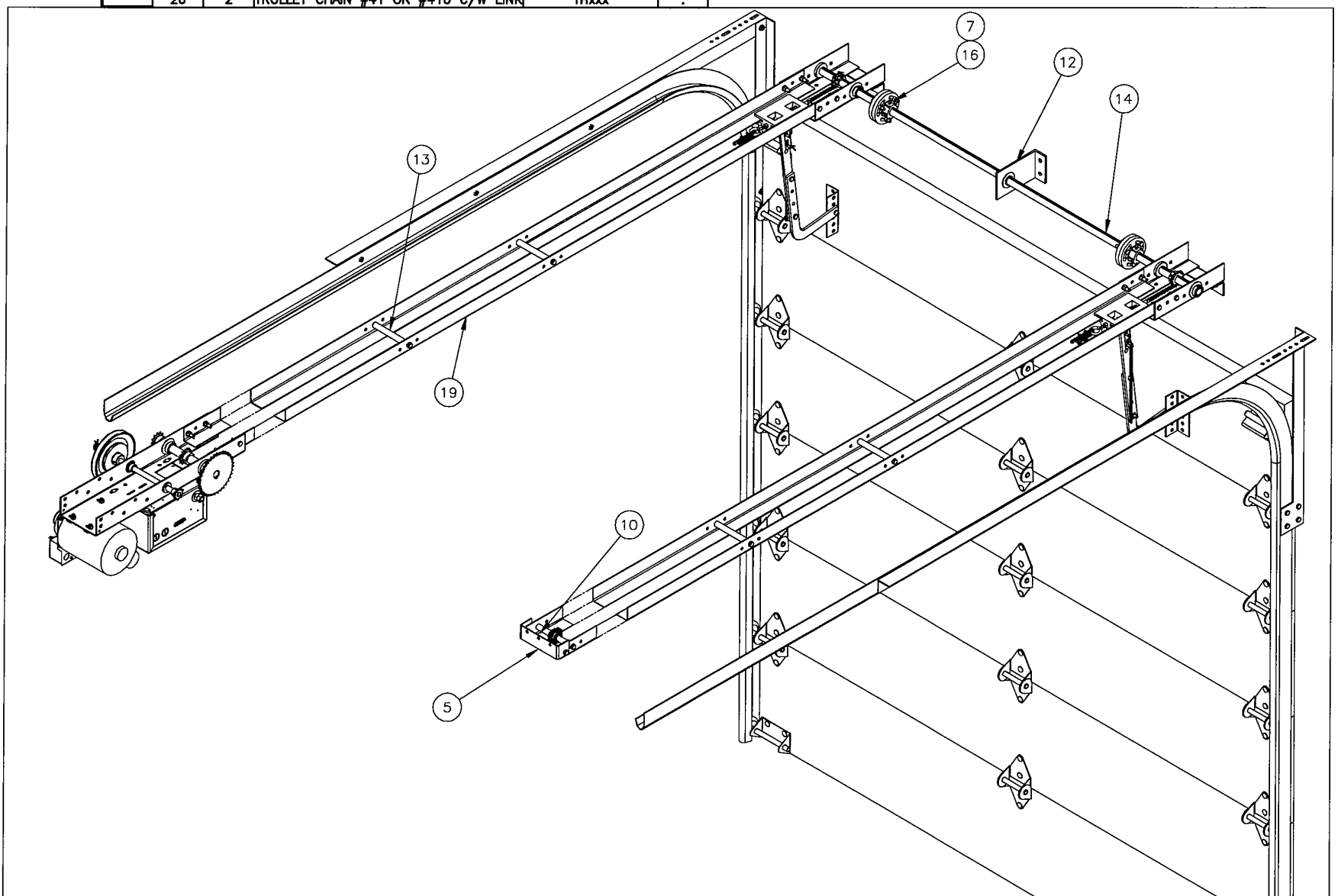
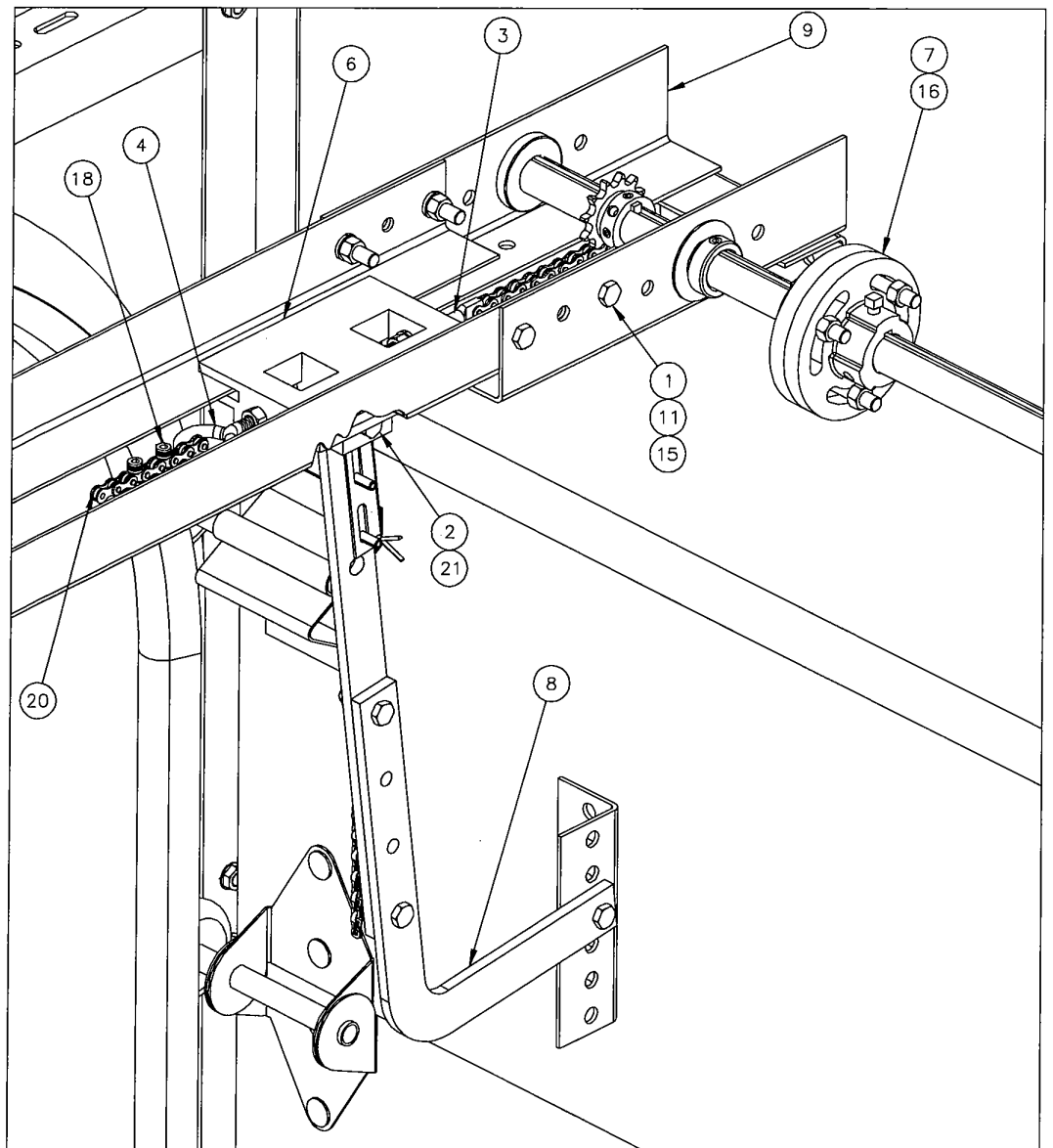


|                     |    |                                    |                                 |                   |     |
|---------------------|----|------------------------------------|---------------------------------|-------------------|-----|
| AUXILIARY<br>AUXTHX | 1  | 6                                  | HEX HEAD BOLT 3/8 x 1 1/4       | BOLT026           | .   |
|                     | 2  | 1                                  | HEX BOLT.375-16unc2.25          | BOLT031           | .   |
|                     | 3  | 1                                  | TAKE UP BOLT 3/8 X 2 1/2        | BOLT035           | .   |
|                     | 4  | 1                                  | EYEBOLT13/8 X 3                 | BOLT061           | .   |
|                     | 11 | 10                                 | NUT 3/8                         | NUT010            | .   |
|                     | 15 | 8                                  | LOCK WASHER 3/8                 | WASHER030         | .   |
|                     | 17 | 2                                  | HEX NUT 10-32 NYLON             | NUT019            | .   |
|                     | 18 | 2                                  | 10/32X1 BLACK BOLT W/NYLON NUT  | SCREW025          | .   |
|                     | 21 | 1                                  | STOP NUT 3/8                    | NUT022            | .   |
|                     | 5  | 1                                  | TROLLEY FRONT END U-BRACKET     | BRACKET043        | A   |
|                     | 6  | 1                                  | DIE CAST ALUMINIUM CARRIAGE     | CARRIAGE004       | .   |
|                     | 7  | 2                                  | SOLID COUPLING 1"               | COUPLING005       | .   |
|                     | 8  | 1                                  | DOOR LIFTING ARM ASS. TROLLEY   | DOORARM001        | .   |
|                     | 9  | 2                                  | FRONTIDLER#41 H.D. OR #410 H.D  | FRONTIDLER006-009 | -/A |
|                     | 10 | 1                                  | FRONTIDLER ASSEMBLY #41 OR #410 | FRONTIDLER010-007 | -/C |
|                     | 12 | 1                                  | BEARING PLATE ID 1" OFF. 5"     | PLATE083          | .   |
|                     | 13 |                                    | TROLLEY TRACK SPACER            | SHAFT017          | C   |
|                     | 16 | 4                                  | SQUARE SHAFT KEYS 1/4 X 1-1/2   | KW019             | A   |
|                     | 14 | 1                                  | SHAFT 1", 12 FT WITH KW 1/4     | SHAFT075          | E   |
|                     | 19 | 4                                  | TRACK                           | TRACKxxx          | .   |
| 20                  | 2  | TROLLEY CHAIN #41 OR #410 C/W LINK | THxxx                           | .                 |     |

| #  | QTY | DESCRIPTION                    | # MANARAS   | REV |
|----|-----|--------------------------------|-------------|-----|
| 1  | 6   | HEX HEAD BOLT 3/8 x 1 1/4      | BOLT026     | .   |
| 2  | 1   | HEX BOLT.375-16unc2.25         | BOLT031     | .   |
| 3  | 1   | TAKE UP BOLT 3/8 X 2 1/2       | BOLT035     | .   |
| 4  | 1   | EYEBOLT13/8 X 3                | BOLT061     | .   |
| 11 | 10  | NUT 3/8                        | NUT010      | .   |
| 15 | 8   | LOCK WASHER 3/8                | WASHER030   | .   |
| 17 | 2   | HEX NUT 10-32 NYLON            | NUT019      | .   |
| 18 | 2   | 10/32X1 BLACK BOLT W/NYLON NUT | SCREW025    | .   |
| 21 | 1   | STOP NUT 3/8                   | NUT022      | .   |
| 6  | 1   | DIE CAST ALUMINIUM CARRIAGE    | CARRIAGE004 | .   |
| 8  | 1   | DOOR LIFTING ARM ASS. TROLLEY  | DOORARM001  | .   |



**NOTE:** MOD062 - DUAL TROLLEY DRIVE #48 CHAIN  
 MOD063 - DUAL TROLLEY DRIVE #41 CHAIN

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO MANARAS AND SHALL NOT BE REPRODUCED OR DISCLOSED OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN USER POSSESSES DIRECT WRITTEN AUTHORIZATION FROM MANARAS.

**TITLE: DUAL TROLLEY DRIVE INSTALL. (MOD062)**

|            |              |       |          |           |                    |      |            |
|------------|--------------|-------|----------|-----------|--------------------|------|------------|
| DESIGN BY: | NICOLAS VIAU | DATE: | 04.01.05 | QTO FILE: | DUAL TROLLEY DRIVE | REV: | DATE:      |
|            |              |       |          |           |                    |      | 2008.03.12 |

MANARAS-OPERA  
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