

# UNIVERSAL HARDWARE

## FOR

# 8500 & 9000 AWNINGS

### With Painted Castings

**USA**

SERVICE OFFICE  
 The Dometic Corp.  
 509 So. Poplar St.  
 LaGrange, IN 46761

**CANADA**

Dometic Dist.  
 866 Langs Dr.  
 Cambridge, Ontario  
 CANADA N3H 2N7

For Service Center  
 Assistance Call:  
 800-544-4881

| MODEL           | COLOR       | DESCRIPTION           | DUTY |
|-----------------|-------------|-----------------------|------|
| 8481000.001     | Satin       | Straight Tall         | STD  |
| 8481000.101     | Satin       | Straight Tall         | HD   |
| 8481000.401(*)  | Painted (*) | Straight Tall         | STD  |
| 8481000.501(*)  | Painted (*) | Straight Tall         | HD   |
| 8481000.002     | Satin       | Straight Short        | STD  |
| 8481000.003     | Satin       | Intermediate          | STD  |
| 8481000.102     | Satin       | Straight Short        | HD   |
| 8481000.402 (*) | Painted (*) | Straight Short        | STD  |
| 8481000.502 (*) | Painted (*) | Straight Short        | HD   |
| 8481000.005     | Satin       | Straight X-Tall       | STD  |
| 8481000.405 (*) | Painted (*) | Straight X-Tall       | STD  |
| 8481000.006     | Satin       | Straight X-Tall/Short | STD  |
| 8481000.406 (*) | Painted (*) | Straight X-Tall/Short | STD  |
| 8481000.407 (*) | Painted (*) | Straight X-Tall       | STD  |

**(\*) HARDWARE COLOR CODE**

| (A)                   | (B)            | (C)                              | (D)             | (E)            |
|-----------------------|----------------|----------------------------------|-----------------|----------------|
| Nutra White           | Polar White    | Gray                             | Champaign Beige | Colonial White |
| (F) +<br>Bright White | (G) +<br>Sable | (H) +<br>Mende<br>Polar<br>White |                 |                |

+ Color Not Available in Heavy Duty

# PARTS LIST

## UNIVERSAL HARDWARE

### 8481000 Series

\* INCLUDES SUFFIX PAINTED  
 A, B, C, D, E, F, G & H

**REVISION**

Form No. 3106276.053 6/00  
 (Replaces 3106276.045)  
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 LaGrange, IN 46761

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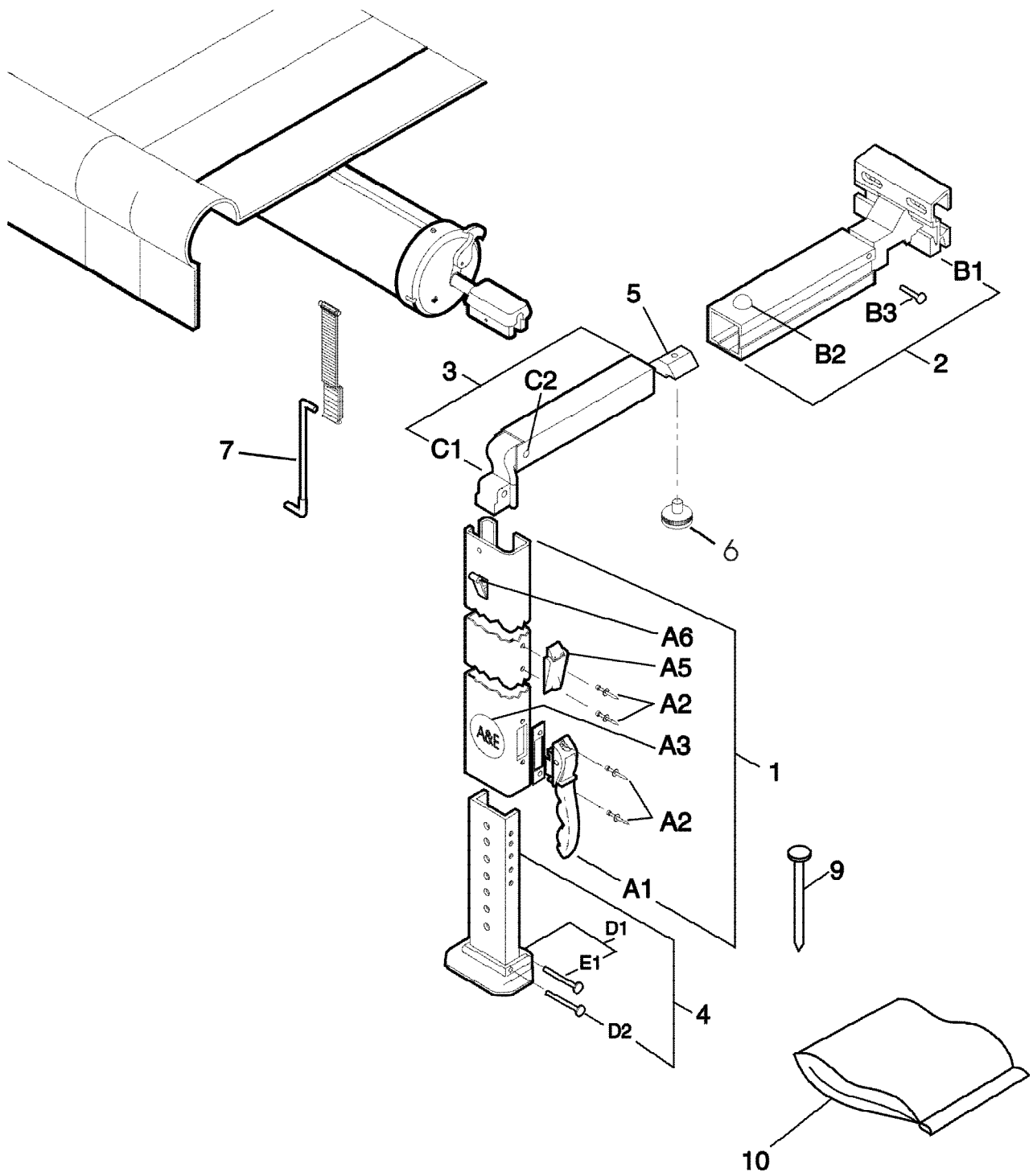
## ALPHABETICAL INDEX

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| <b>Customer Options (Not Required)</b> | 5&7  | 12             |

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## SPECIFICATIONS

| MODEL SERIES                     | .X01<br>Straight Tall                  | .X02<br>Straight Short                 | .X03<br>Straight<br>Intermediate | .X05<br>Straight<br>X-Tall | .X06<br>Straight<br>X-Tall/Short | .X07<br>Straight<br>X-Tall |
|----------------------------------|----------------------------------------|----------------------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|
| Height Range                     | 74-5/8"–88-1/2"                        | 62-5/8"–76-1/8"                        | 70-1/2"–88-1/8"                  | 77-5/8 – 91-1/8"           | 71-1/2 – 85"                     | 93-1/2-107"                |
| Main Arm Length                  | 73"                                    | 61"                                    | 68.5"                            | 76"                        | 70"                              | 92"                        |
| Adjustable Arm Length            | 57"                                    | 57"                                    | 64.5"                            | 72"                        | 72"                              | 72"                        |
| Main Rafter Length               | 66"                                    | 54"                                    | 54"                              | 71"                        | 63"                              | 63"                        |
| Secondary Rafter Length          | 32-1/2"                                | 44-1/2"                                | 44.5"                            | 53-1/2"                    | 53-1/2"                          | 53-1/2"                    |
| Rafter Knob Below<br>Awning Rail | 72-1/2"                                | 60-1/2"                                | 68"                              | 75-1/2"                    | 69-1/2"                          | 69-1/2"                    |
| Safety Lock Below<br>Awning Rail | 49"                                    | 37"                                    | 40.5"                            | 52"                        | 46"                              | 46"                        |
| Optima Tension Rafter            | Standard w/<br>Heavy Duty<br>Hdwe Only | Standard w/<br>Heavy Duty<br>Hdwe Only | Option<br>Only                   | Option<br>Only             | Option<br>Only                   | Option<br>Only             |



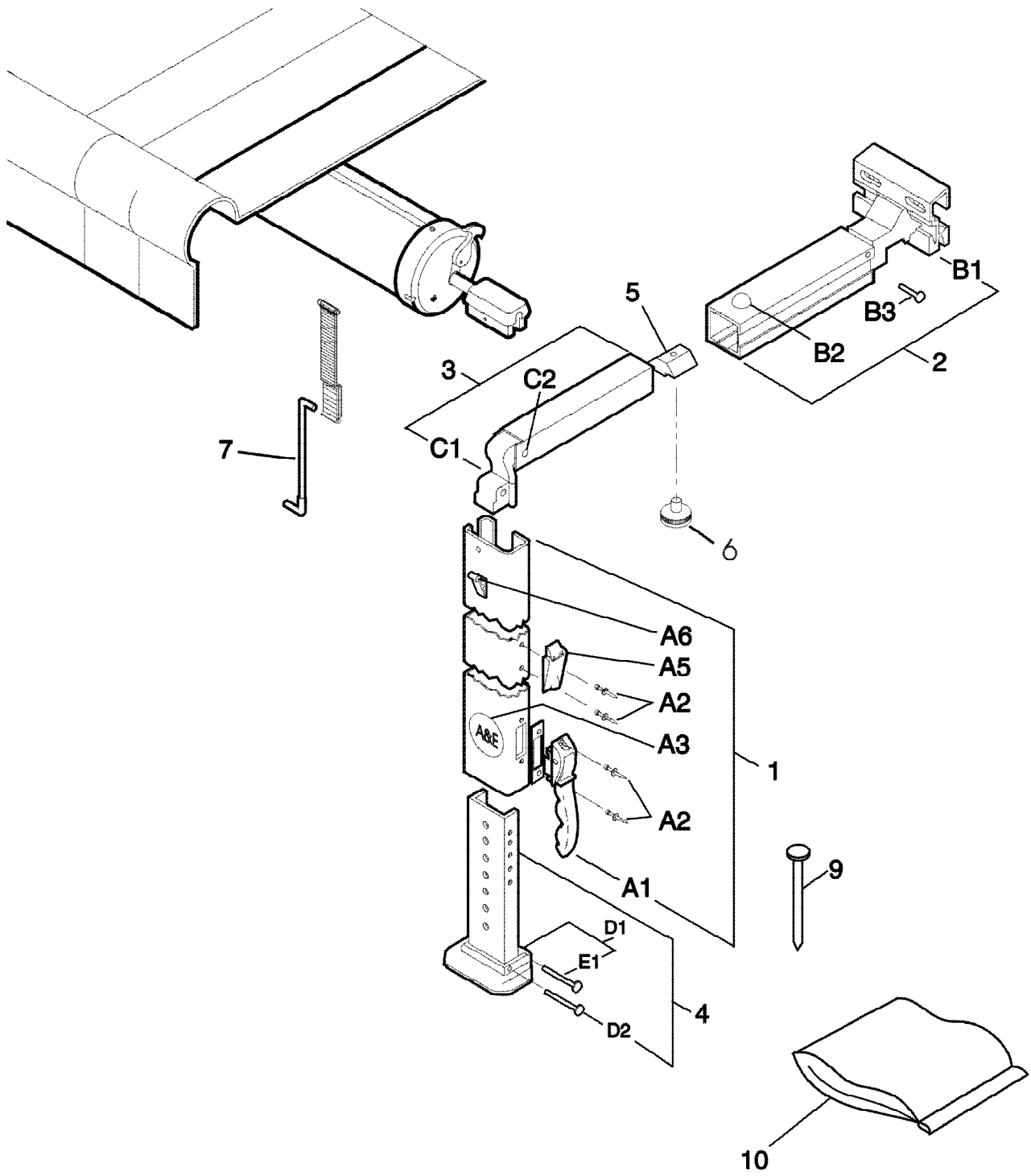
# UNIVERSAL HARDWARE FOR 8500 & 9000 AWNING

## SATIN HARDWARE

| Index # | Description                           | 8481000.001<br>8481000.101* | 8481000.002<br>8481000.102* | 8481000.003  | 8481000.005 | 8481000.006 |
|---------|---------------------------------------|-----------------------------|-----------------------------|--------------|-------------|-------------|
| 1       | Arm, main (A1-A6)(2 req.)             | 3104502.293S                | 3104502.301S                | 3104502.491S | 3104502.467 | 3104502.327 |
|         | A1 Handle, lift (G1-G2)               | 830582.001                  | 830582.001                  | 830582.001   | 830582.001  | 830582.001  |
|         | A2 Pop Rivet (4 req.)                 | 308171.020                  | 308171.020                  | 308171.020   | 308171.020  | 308171.020  |
|         | A3 Label, A&E                         | 160941.009                  | 160941.009                  | 160941.009   | 160941.009  | 160941.009  |
|         | A5 Safety lock                        | 830587.001                  | 830587.001                  | 830587.001   | 830587.001  | 830587.001  |
|         | A6 Catch, slider                      | 830472.002                  | 830472.002                  | 830472.002   | 830472.002  | 830472.002  |
| 2       | Rafter, main (B1-B3) (2 req.)         | 830295.536S                 | 830295.537S                 | 830295.537S  | 830295.048  | 830295.039  |
|         | B1 Bracket asm.                       | 830333                      | 830333                      | 830333       | 830333      | 830333      |
|         | B2 Bumper, rubber                     | 141031                      | 141031                      | 141031       | 141031      | 141031      |
|         | B3 Rivet, semi-tube                   | 143002.053                  | 143002.053                  | 143002.053   | 143002.053  | 143002.053  |
| 3       | Rafter, secondary (C1-C2) (2 req.)    | 830463.511S                 | 830463.512S                 | 830463.512S  | 830463.013  | 830463.013  |
|         | C1 Slider asm.                        | 830463                      | 830463                      | 830463       | 830463      | 830463      |
|         | C2 Rivet, semi tube                   | 143002.055                  | 143002.055                  | 143002.055   | 143002.055  | 143002.055  |
| 4 *     | Arm asm., adj. (D1-D2) (2 req.)       | 830466.516S*                | 830466.516S*                | 830466.517S* | 830466.020* | 830466.021* |
|         | D1 Foot                               | 830553.001                  | 830553.001                  | 830553.001   | 830553.001  | 830553.001  |
|         | E1 Rivet, semi tube                   | 143002.059                  | 143002.059                  | 143002.059   | 143002.059  | 143002.059  |
|         | D2 Rivet, semi tube                   | 143002.058                  | 143002.058                  | 143002.058   | 143002.058  | 143002.058  |
| 5       | Nut, special (2 req.)                 | 3104652.007                 | 3104652.007                 | 3104652.007  | 3104652.007 | 3104652.007 |
| 6       | Knob (2 req.)                         | 3105421.014                 | 3105421.014                 | 3105421.014  | 3105421.014 | 3105421.014 |
| 7       | EZ pull rod                           | 830152.102                  | 830152.102                  | 830152.102   | 3104926.013 | 3104926.013 |
| 9       | Stake, tent (4 req.)                  | 3104257.005                 | 3104257.005                 | 3104257.005  | 3104257.005 | 3104257.005 |
| 10      | Kit, hardware                         | 3104125.020                 | 3104125.020                 | 3104125.020  | 3104125.020 | 3104125.020 |
|         | STD                                   | 3104126.010 *               | 3104126.010 *               | — — — —      | — — — —     | — — — —     |
|         | HD *                                  | 830304                      | 830304                      | 830304       | 830304      | 830304      |
|         | F1 Door Roller (2 Req. *)             | 3105216.000                 | 3105216.000                 | 3105216.000  | 3105216.000 | 3105216.000 |
|         | G1 Roller                             | 3103855.031                 | 3103855.031                 | 3103855.031  | 3103855.031 | 3103855.031 |
|         | G2 Screw (2 req.)                     | 3104745.009                 | 3104745.009                 | 3104745.009  | 3104745.009 | 3104745.009 |
|         | G3 Guard                              | 3104653.005                 | 3104653.005                 | 3104653.005  | 3104653.005 | 3104653.005 |
|         | F2 Bracket, btm mtg (2 req.)          | 3104852.003                 | 3104852.003                 | 3104852.003  | 3104852.003 | 3104852.003 |
|         | F4 Kit, hardware screw                | 3101746.000                 | 3101746.000                 | 3101746.000  | 3101746.000 | 3101746.000 |
|         | H1 Washer (2 req.)                    | 3104176.015                 | 3104176.015                 | 3104176.015  | 3104176.015 | 3104176.015 |
|         | H2 Screw (2 req.)                     | 310359.012                  | 310359.012                  | 310359.012   | 310359.012  | 310359.012  |
|         | H3 Screw (2 req.)                     | 312300.029                  | 312300.029                  | 312300.029   | 312300.029  | 312300.029  |
|         | H4 Screw (2 req.)                     | 317534.004                  | 317534.004                  | 317534.004   | 317534.004  | 317534.004  |
|         | H5 Nut lock (2 req.)                  | 113556                      | 113556                      | 113556       | 113556      | 113556      |
|         | H6 Washer, stop (2 req.)              | 3104499.037                 | 3104499.037                 | 3104499.037  | 3104499.037 | 3104499.037 |
|         | H7 Screw (4 req.)                     | 3104499.011                 | 3104499.011                 | 3104499.011  | 3104499.011 | 3104499.011 |
|         | H8 Screw (4 req.)                     |                             |                             |              |             |             |
| 11      | Tension rafter **                     | 930039.000 **               | 930039.000 **               | — — — —      | — — — —     | — — — —     |
| 12      | <b>Customer Option (Not Required)</b> |                             |                             |              |             |             |
|         | A Standoff (4 req.)                   | 3104954.007                 |                             |              |             |             |
|         | B Kit, trim adapter                   | 3106628.005                 |                             |              |             |             |
|         | C Kit, extension bottom               | 3104781.004                 |                             |              |             |             |
|         | D Insert, top bracket                 | 730145                      |                             |              |             |             |

\* Designates Heavy Duty Hardware

\*\* Tension rafter with center support is part of the Heavy Duty Hardware Package.  
For parts, see Optima Tension Rafter Parts Manual.



# UNIVERSAL HARDWARE FOR 8500 & 9000 AWNING

## PAINTED HARDWARE

| Index # | Description                           | 8481000.401(X)<br>8481000.501(X)* | 8481000.402(X)<br>8481000.502(X)* | 8481000.405(X) | 8481000.406(X) | 8481000.407(X) |
|---------|---------------------------------------|-----------------------------------|-----------------------------------|----------------|----------------|----------------|
| 1       | Arm, main (A1-A6)(2 req.)             | 3104502.293(X)                    | 3104502.301(X)                    | 3104502.475(X) | 3104502.335(X) | 3104502.483(X) |
|         | A1 Handle, lift (G1-G2)               | 830582.001                        | 830582.001                        | 830582.001     | 830582.001     | 830582.001     |
|         | A2 Pop Rivet (4 req.)                 | 308171.020                        | 308171.020                        | 308171.020     | 308171.020     | 308171.020     |
|         | A3 Label, A&E                         | 160941.009                        | 160941.009                        | 160941.009     | 160941.009     | 160941.009     |
|         | A5 Safety lock                        | 830587.001                        | 830587.001                        | 830587.001     | 830587.001     | 830587.001     |
|         | A6 Catch, slider                      | 830472.002                        | 830472.002                        | 830472.002     | 830472.002     | 830472.002     |
| 2       | Rafter, main (B1-B3) (2 req.)         | 830295.536(X)                     | 830295.537(X)                     | 830295.548(X)  | 830295.539(X)  | 830295.537(X)  |
|         | B1 Bracket asm.                       | 830333                            | 830333                            | 830333         | 830333         | 830333         |
|         | B2 Bumper, rubber                     | 141031                            | 141031                            | 141031         | 141031         | 141031         |
|         | B3 Rivet, semi-tube                   | 143002.053                        | 143002.053                        | 143002.053     | 143002.053     | 143002.053     |
| 3       | Rafter, secondary (C1-C2) (2 req.)    | 830463.511(X)                     | 830463.512(X)                     | 830463.513(X)  | 830463.513(X)  | 830463.512(X)  |
|         | C1 Slider asm.                        | 830463                            | 830463                            | 830463         | 830463         | 830463         |
|         | C2 Rivet, semi tube                   | 143002.055                        | 143002.055                        | 143002.055     | 143002.055     | 143002.055     |
| 4       | Arm asm., adj. (D1-D2) (2 req.)       | 830467.517(X)                     | 830467.517(X)                     | 830466.520(X)  | 830466.521(X)  | 830467.517(X)  |
| 4 *     | Arm asm., adj. (D1-D2) (2 req.)       | 830466.516(X)*                    | 830466.016(X)*                    | — — — —        | — — — —        | — — — —        |
|         | D1 Foot                               | 830553.001                        | 830553.001                        | 830553.001     | 830553.001     | 830553.001     |
|         | E1 Rivet, semi tube                   | 143002.059                        | 143002.059                        | 143002.059     | 143002.059     | 143002.059     |
|         | D2 Rivet, semi tube                   | 143002.058                        | 143002.058                        | 143002.058     | 143002.058     | 143002.058     |
| 5       | Nut, special (2 req.)                 | 3104652.007                       | 3104652.007                       | 3104652.007    | 3104652.007    | 3104652.007    |
| 6       | Knob (2 req.)                         | 3105421.014                       | 3105421.014                       | 3105421.014    | 3105421.014    | 3105421.014    |
| 7       | EZ pull rod                           | 830152.102                        | 830152.102                        | 3104926.013    | 3104926.013    | 3104926.013    |
| 9       | Stake, tent (4 req.)                  | 3104257.005                       | 3104257.005                       | 3104257.005    | 3104257.005    | 3104257.005    |
| 10      | Kit, hardware                         | 3104125.020                       | 3104125.020                       | 3104125.020    | 3104125.020    | 3104125.020    |
|         | STD                                   | 3104126.010 *                     | 3104126.010 *                     | — — — —        | — — — —        | — — — —        |
|         | HD *                                  | 3104126.010 *                     | 3104126.010 *                     | — — — —        | — — — —        | — — — —        |
|         | F1 Door Roller (2 Req. *)             | 830304                            | 830304                            | 830304         | 830304         | 830304         |
|         | G1 Roller                             | 3105216.000                       | 3105216.000                       | 3105216.000    | 3105216.000    | 3105216.000    |
|         | G2 Screw (2 req.)                     | 3103855.031                       | 3103855.031                       | 3103855.031    | 3103855.031    | 3103855.031    |
|         | G3 Guard                              | 3104745.009                       | 3104745.009                       | 3104745.009    | 3104745.009    | 3104745.009    |
|         | F2 Bracket, btm mtg (2 req.)          | 3104653.005                       | 3104653.005                       | 3104653.005    | 3104653.005    | 3104653.005    |
|         | F4 Kit, hardware screw                | 3104852.003                       | 3104852.003                       | 3104852.003    | 3104852.003    | 3104852.003    |
|         | H1 Washer (2 req.)                    | 3101746.000                       | 3101746.000                       | 3101746.000    | 3101746.000    | 3101746.000    |
| H2      | Screw (2 req.)                        | 3104176.015                       | 3104176.015                       | 3104176.015    | 3104176.015    | 3104176.015    |
|         | H3 Screw (2 req.)                     | 310359.012                        | 310359.012                        | 310359.012     | 310359.012     | 310359.012     |
| H4      | Screw (2 req.)                        | 312300.029                        | 312300.029                        | 312300.029     | 312300.029     | 312300.029     |
|         | H5 Nut lock (2 req.)                  | 317534.004                        | 317534.004                        | 317534.004     | 317534.004     | 317534.004     |
|         | H6 Washer, stop (2 req.)              | 113556                            | 113556                            | 113556         | 113556         | 113556         |
|         | H7 Screw (4 req.)                     | 3104499.037                       | 3104499.037                       | 3104499.037    | 3104499.037    | 3104499.037    |
|         | H8 Screw (4 req.)                     | 3104499.011                       | 3104499.011                       | 3104499.011    | 3104499.011    | 3104499.011    |
| 11      | Tension rafter **                     | 930039.500(X) **                  | 930039.500 **                     | — — — —        | — — — —        | — — — —        |
| 12      | <b>Customer Option (Not Required)</b> |                                   |                                   |                |                |                |
|         | A Standoff (4 req.)                   | 3104954.007                       |                                   |                |                |                |
|         | B Kit, trim adapter                   | 3106628.005                       |                                   |                |                |                |
|         | C Kit, extension bottom               | 3104781.004                       |                                   |                |                |                |
|         | D Insert, top bracket                 | 730145                            |                                   |                |                |                |

\* Designates Heavy Duty Hardware

\*\* Tension rafter with center support is part of the Heavy Duty Hardware Package.  
For parts, see Optima Tension Rafter Parts Manual.

### HARDWARE COLOR CODE: (Colors subject to change without notice)

|   |               |   |                   |
|---|---------------|---|-------------------|
| A | Suffix letter | = | Nutra White       |
| B | Suffix letter | = | Polar White       |
| C | Suffix letter | = | Gray              |
| D | Suffix letter | = | Champaign Beige   |
| E | Suffix letter | = | Colonial White    |
| F | Suffix letter | = | Bright White      |
| G | Suffix letter | = | Sable             |
| H | Suffix letter | = | Mende Polar White |

**NOTE:** Replacement adjustable arms are heavy duty except colors Bright White (F), Sable (G) and Mende Polar White (H).