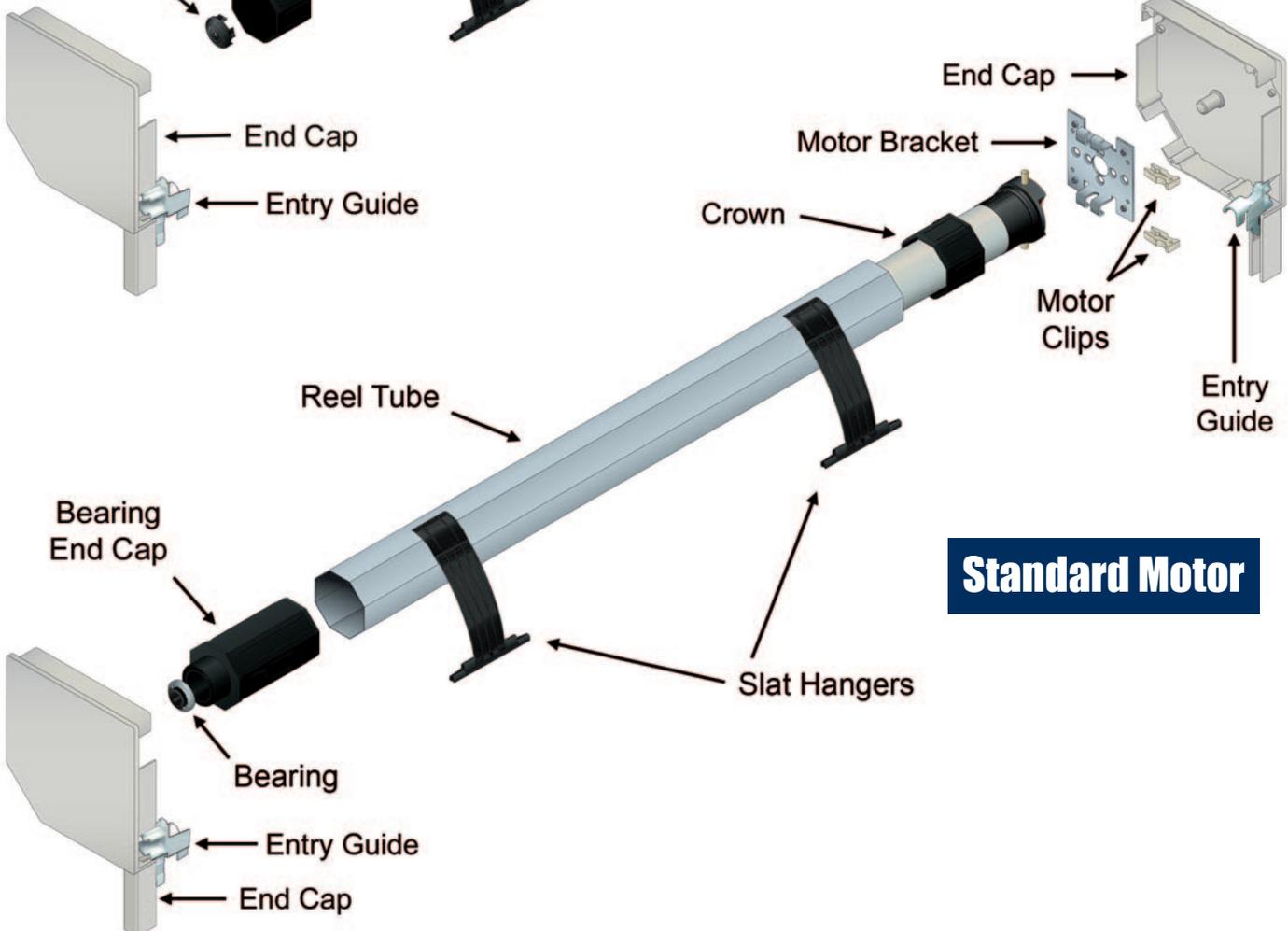


# Typical Roll Shutter Hood\* Assembly

## Override Motor



## Standard Motor

\* Various Hood sizes, styles & colors listed on Hurricane p34



## ROLL SHUTTER COMPONENTS: Gears

### Plastic Gear

**6A23811PF7** 11:1 Ratio 7MM Hex 66 lbs. max  
**6A23808PF7** 8:1 Ratio 7MM Hex 44 lbs. max



### Metal/ZAMAC Gear

**6A23811ZF7** 11:1 Ratio 7mm Hex 66 lbs.max  
**6A23808ZF7** 8:1 Ratio 7MM Hex 44 lbs.max



### 1424 Simu Gear

**2002147** 11:1 7mm  
 Hex/16mm square  
 Use with Bracket 2003639  
 56 lbs. max



### 1424 Simu Gear Connector

**2002392** Mates with Gears



### Simu 1424 Gear Plate

**2003639** includes mounting screws  
 Mates with **2002146**



## ROLL SHUTTER COMPONENTS: Assist Springs

All Assist Springs Utilize Plate 6A39438

### Assist Spring 60mm

33 lb (15KG) **7014-004**  
 44 lb (20KG) **2002369**  
 53 lb (24KG) **7014-005**  
 75 lb (34 KG) **6C0445160G2**  
 137 lb (62KG) **7014-023**

### Assist Spring 70mm

66 lb (30 kg) **2002372**  
 99 lb (45 kg) **7014-027**  
 132 lb (60 KG) **6C0450140G4**  
 165 lb (75 kg) **7014-010**  
 220 lb (100 KG) **2005355**

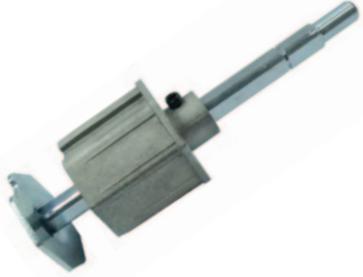
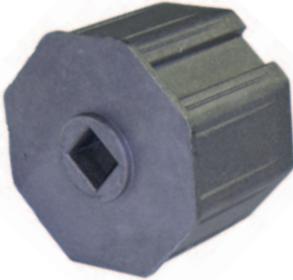


# ROLL SHUTTER COMPONENTS: Universals & Handcranks

<p><b>90° Universal 2 hole</b> includes screw for bullet (bullet sold separately) Casted Stainless Steel <b>Hex Drive</b>     <u>6A323S584E7</u> <b>Square Drive</b>   <u>2004121</u></p> 	<p><b>90° Universal 2 hole</b> For 7" End Caps or Less Comes with Bullet     Nickel Plated <b>Hex Drive</b>     <u>2001783</u></p> 	<p><b>90° Universal 4 hole</b> includes screw for bullet (bullet sold separately) Casted Stainless Steel <b>Hex Drive</b>     <u>6A323T584E7</u> <b>Square Drive</b>   <u>2004125</u></p> 
<p><b>45° Universal 2 hole</b> For 6.5" - 10" End Cap; Comes with Bullet Stainless Steel <b>Hex Drive</b>     <u>816F039411</u></p> 	<p><b>Bullet for Universal (pivot)</b> <u>6A32341FX</u> <i>Screw comes with Universal; Mates with Bell for removeable crank handle</i></p> 	<p><b>Universal Hex Extension Shaft x 13"</b> <u>9420659</u> <i>Mates with Hex Coupler for Universals</i></p>  <p><b>Universal Hex Coupler</b> <u>9685120</u> for Extension Shaft</p> 
<p><b>Handle Lock Wall Clip (plastic)</b> <u>2005402</u></p> 	<p><b>CRANK EXTENSION KIT</b> <b>CRANK-KIT</b> <i>Includes one of each of the following: Crank handle extension (1/2" tube) 2004173; SS handle for extension (needs pin 2003341) 2004166; Bell for extension (needs pin 2005400) 2001776; Roll Pin for Bell 2005400; Roll Pin for Handle 2003341</i></p> 	<p><b>Crank Handle Extension</b> <u>2004173</u>     1/2" Tube x 10' <i>Mates with 2004166; needs pin 2005400</i></p> 
<p><b>SS Handle for Extension</b> <i>Mates with 2004173; Needs pin 2003341</i> <u>2004166</u></p> 	<p><b>Bell for Extension</b> <u>2001776</u> <i>Needs pin 2005400; Mates with Bullet for Crank Rod/Handle</i></p> 	<p><b>Roll Pins</b> <i>Mates with Bell and Crank Handle Extension</i> <u>2005400</u>     for Bell</p>  <p><u>2003341</u>     for Handle <i>Mates with SS Handle 2004166</i></p>
<p><b>5' Crank Handle w/Bell (Nickel)</b> <u>6A322E78215</u></p> 	<p><b>5' Assembled Awning Handle &amp; Hook</b> <u>2001892</u></p> 	<p><b>T8-9 OVERRIDE EYE &amp; SHAFT</b> <u>9340020</u> <i>Not for use with 2008302 or 2008303</i></p> 

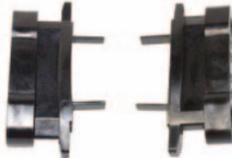


# ROLL SHUTTER COMPONENTS: Caps, Pivots and Adapter Rings

<p><b>Idle Side Adjustable Pivot</b> (metal)  <b>6C66643AL</b> 60mm  <b>6C66645AL</b> 70mm</p> 	<p><b>Idle Side Adjustable Pivot</b> (plastic)  <b>6C66643</b> 60mm  <b>6C66645</b> 70mm</p> 	<p><b>Bearing End Cap</b> (bearing not included)  <b>2003504</b> 60mm  <b>2003505</b> 70mm</p> 
<p><b>60mm Nylon Gear Insert</b>  <b>6D66603</b></p> 	<p><b>Aluminum Gear Insert</b> (metal)  <b>6C66603AL</b> 60mm  <b>6C66605AL</b> 70mm</p> 	<p><b>Double Adjustable Cap</b>  <b>6A66743</b> 60 mm  <b>2005467</b> 70 mm</p> 
<p><b>60mm Cap with Round Pivot</b> (plastic)  <b>6D66633</b></p> 	<p><b>Aluminum Cap w/Round Pivot</b> (metal)  <b>6D66633AL</b> 60mm  <b>6D66635AL</b> 70mm</p> 	<p><b>SIMU Idler Cap</b> (use plate 2003638)  <b>2003592</b> 60mm  <b>2003560</b> 70mm</p> 
<p><b>Octagonal Adapter Ring for Round Tube</b>  <b>2006280</b> 60mm  <b>2003501</b> 70mm</p> 		



# ROLL SHUTTER COMPONENTS: Bearings and Plates; Plugs, Stops, Entry Guides, Slat Hangers, Slat Locks

<p><b>42 mm Ball Bearing Steel Bushing</b> <b>6C35802</b></p> 	<p><b>Bearing Plate</b> (100mm x 100mm) <b>6A39431</b> <i>includes mounting screws</i></p> 	<p><b>Heavy Duty Bearing Plate</b> (100mm x 100mm) <b>7006107</b> <i>includes mounting screws</i></p> 	<p><b>Plate for Gear</b> (100mm x 100mm) <b>6A39436</b> <i>includes mounting screws</i></p> 	<p><b>Universal Plate for Gear - no pin</b> (100mm x 100mm) <b>6A39441</b> <i>includes mounting screws</i></p> 
<p><b>Simu 1424 Gear Plate</b> (for # 2002146) <b>2003639</b> <i>includes mounting screws</i></p> 	<p><b>SIMU Spring Support Plate</b> (100mm x 100mm) <b>2003638</b> <i>w/retainer clip includes mounting screws</i></p> 	<p><b>Spring Support Plate</b> (100mm x 100mm) <b>6A39438</b> <i>w/retainer screw &amp; nut includes mounting screws</i></p> 	<p><b>Screws for ALL Plates</b> <b>2005563</b> <i>(Cheese head/4 per plate)</i></p> 	<p><b>Hood Roller</b> 40 x 95 x 30mm <b>2001826</b></p> 
<p><b>10 mm - 3/8" Track Plugs</b> <b>701277 White</b> Fits 3/8" drill hole</p>  <p><b>5/8" Track Plugs</b> Fits 5/8" drill hole <b>58NPWH White</b> <b>58NPV Ivory</b> <b>58NPBG Beige</b> <b>58NPMB Bronze</b></p> 	<p><b>Conical Stop</b> <i>(screw included)</i> <b>6D3332320 White</b> <i>(shown)</i> <b>2006136 Ivory</b> <b>2006320 Beige</b> <b>2003493 Bronze</b></p> 	<p><b>Entry Guide</b> NON END RETENTION <b>6D8642020 White</b> <i>(by the pair - for 40mm)</i></p> 	<p><b>Entry Guide</b> <b>2005490 White</b> <i>(by the pair)</i> <i>Modify for 58mm ER</i></p> 	<p><b>End Retention Entry Guides</b> <i>Sold as a Set</i> <b>40-TMEG125</b> For Large Leg Open Face Track <b>40-COLOR-481</b></p> <p><b>40-TMEG156</b> For Small Leg Open Face Track <b>40-COLOR-476</b></p> <p>For Small Leg Closed Face Track <b>40-COLOR-483</b></p> <p>For Large Leg Closed Face Track <b>40-COLOR-478</b></p>
<p><b>40mm Slat Lock Guide</b> <b>40-63-796</b> <i>Sold as a Set</i></p> 	<p><b>40mm Slat Hanger</b> <b>6A33713FX</b></p> 	<p><b>58mm End Retention Slat Lock Guide</b> <b>40-63-799</b> <i>Sold as a Set</i></p> 	<p><b>Slat Hanger</b> <b>6A33619FX</b> <i>for 55mm, 58mm, 60mm</i></p> 	



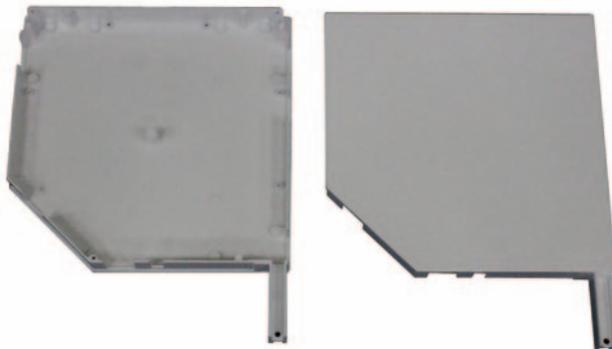
## ROLL SHUTTER COMPONENTS: End Caps

45° End Caps: SMALL LEG (sold by the pair)

**Colors Available:**

White: W • Bronze: MB • Ivory: IV • Beige: BG • Mill Finish/Silver (no suffix)

5" End Cap 125 mm-powder	<b>2006315COLOR</b>
5.5" End Cap 137 mm-powder	<b>2002765COLOR</b>
6" End Cap 150 mm-powder	<b>2005472COLOR</b>
6.5" End Cap 150 mm-powder	<b>2005327COLOR</b>
7" End Cap 180 mm-powder	<b>6C81518M20COLOR</b>
8" End Cap 205 mm-powder	<b>6C81520M20COLOR</b>
10" End Cap 250 mm-powder	<b>2006459COLOR</b>



45° End Caps: LARGE LEG (sold by the pair)

**Colors Available:**

White: W • Bronze: MB • Ivory: IV • Beige: BG • Mill Finish/Silver (no suffix)

8" End Cap 205 mm-powder	<b>7008-592COLOR</b>	
10" End Cap 250 mm-powder	<b>6C8172520COLOR</b>	
12" End Cap 300 mm-powder	<b>6C8173020COLOR</b>	
10" HD 250MM END CAP KIT	<b>9018758</b>	White
12" HD 300MM END CAP KIT	<b>9018759</b>	White
14" HD 360MM END CAP KIT	<b>9018906</b>	White



*End Cap Kits Include: left & right cap, wall bracket, safety plate, plate support and roller accessory kit*

90° End Caps (sold by the pair)

SMALL LEG ONLY

Mill Finish Only

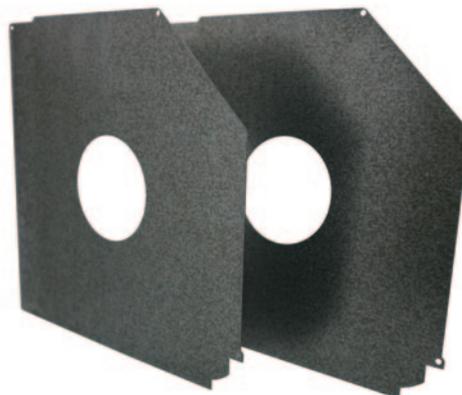
7" End Cap	<b>SPECIAL ORDER <u>2002721</u></b>
8" End Cap	<b>SPECIAL ORDER <u>2002731</u></b>
10" End Cap	<b>SPECIAL ORDER <u>2002741</u></b>



## ROLL SHUTTER COMPONENTS: Safety Plates

SAFETY PLATES (sold by the pair)

180-45 hole 72 (7") use with 60mm	<b><u>7008-549</u></b>
205-45 hole 72 (8") use with 60mm	<b><u>7008-551</u></b>
205-45 hole 92 (8") use with 70mm	<b><u>7008-457</u></b>
250-45 hole 92 (10") use with 70mm	<b><u>7008-245</u></b>
300-45 hole 92 (12") use with 70mm	<b><u>7008-247</u></b>



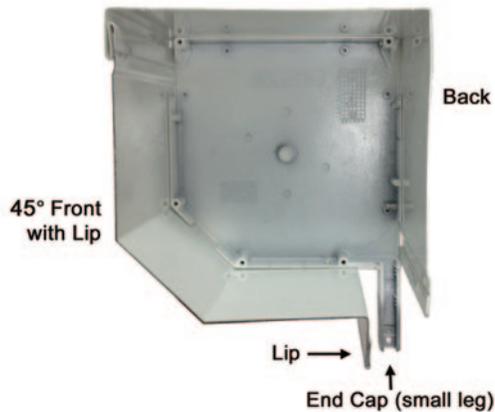
# ROLL SHUTTER COMPONENTS: Roll Shutter Hoods (Custom Sizes Available)

## 45° HOODS - SMALL LEG End Cap

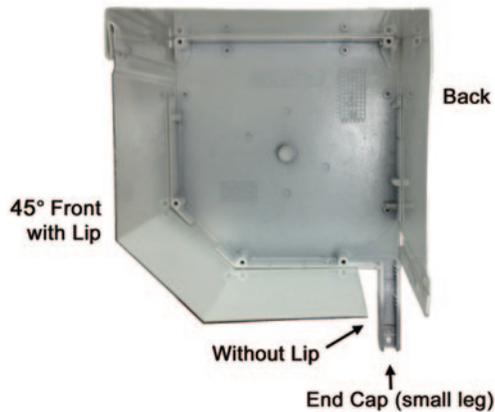
**Colors Available:** White: WH • Bronze: MB • Ivory: IV • Beige: BG

Product Code	Description	Style
120-COLOR-5FL45	5" HOOD	45° Front with Lip
120-COLOR-5FN45	5" HOOD	45° Front (No Lip)
120-COLOR-5B	5" HOOD	Back
120-COLOR-5.5FL45	5.5" HOOD	45° Front with Lip
120-COLOR-5.5FN45	5.5" HOOD	45° Front (No Lip)
120-COLOR-5.5B	5.5" HOOD	Back
120-COLOR-6FL45	6" HOOD	45° Front with Lip
120-COLOR-6FN45	6" HOOD	45° Front (No Lip)
120-COLOR-6B	6" HOOD	Back
120-COLOR-6.5FL45	6.5" HOOD	45° Front with Lip
120-COLOR-6.5FN45	6.5" HOOD	45° Front (No Lip)
120-COLOR-6.5B	6.5" HOOD	Back
120-COLOR-7FL45	7" HOOD	45° Front with Lip
120-COLOR-7FN45	7" HOOD	45° Front (No Lip)
120-COLOR-7B	7" HOOD	Back
120-COLOR-8FL45	8" HOOD	45° Front with Lip
120-COLOR-8FN45	8" HOOD	45° Front (No Lip)
120-COLOR-8B	8" HOOD	Back

### 7" 45° HOOD WITH LIP



### 7" 45° HOOD WITHOUT LIP

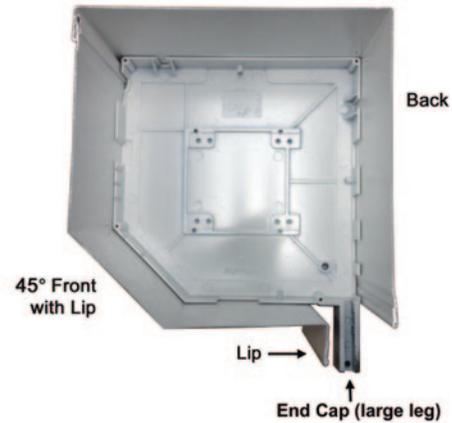


Hoods are produced to order; generally ready to ship in one week or less from FL.

## 45° HOODS – LARGE LEG End Cap

**Colors Available:** White: WH • Bronze: MB • Ivory: IV • Beige: BG

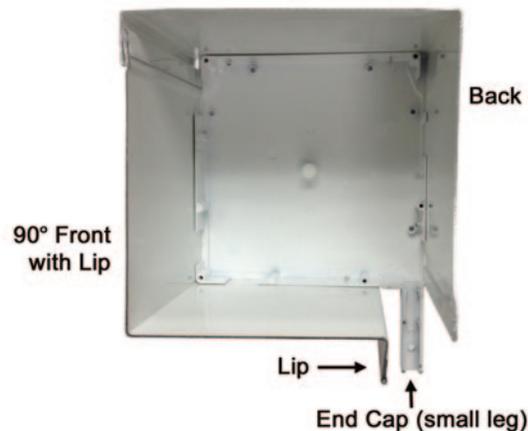
Product Code	Description	Style
120-COLOR-8FL45LL	8" HOOD	45° Front with Lip
120-COLOR-8FN45LL	8" HOOD	45° Front (No Lip)
120-COLOR-8B	8" HOOD	Back
120-COLOR-10FL45	10" HOOD	45° Front with Lip
120-COLOR-10FN45	10" HOOD	45° Front (No Lip)
120-COLOR-10B	10" HOOD	Back
120-COLOR-12FL45	12" HOOD	45° Front with Lip
120-COLOR-12FN45	12" HOOD	45° Front (No Lip)
120-COLOR-12B	12" HOOD	Back



## 90° HOODS – SMALL LEG End Cap

**Colors Available:** White: WH • Bronze: MB • Ivory: IV • Beige: BG

Product Code	Description	Style
120-COLOR-7FLSQ9	7" HOOD	90° Front with Lip
120-COLOR-7FNSQ9	7" HOOD	90° Front (No Lip)
120-COLOR-7B	7" HOOD	Back
120-COLOR-8FLSQ	8" HOOD	90° Front with Lip
120-COLOR-8FNSQ	8" HOOD	90° Front (No Lip)
120-COLOR-8B	8" HOOD	Back
120-COLOR-10FLSQ	10" HOOD	90° Front with Lip
120-COLOR-10FNSQ	10" HOOD	90° Front (No Lip)
120-COLOR-10B	10" HOOD	Back

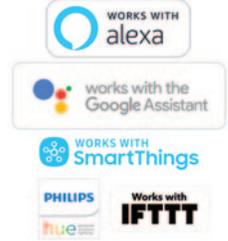


# ROLL SHUTTER COMPONENTS: Home Automation & Solar Motor

## HOME AUTOMATION

### TaHoma Smart Home Gateway 1811731

- Can hold up to 40 channels
- Multiple devices can be joined for multi-zone control
- Compatible with Remote Motor Kits: [445SK](#), [528SK](#), [446SK](#), [527SK](#)
- Compatible with all wireless Somfy/Simu wireless receivers

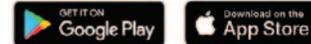


### DOOYA Smart Hub DD7002B

- One Hub can connect to 30 motors
- One account can include 5 different locations
- Each location can control 5 Hubs
- Each account can have up to 3 guests
- Compatible with Remote Motor Kits: [445K](#), [528K](#), [446K](#), [S446KB](#) and [527K](#)
- Compatible with Wireless Receivers: [DC74](#), [DC136](#)



Compatible with  
GOOGLE HOME &  
ALEXA



### SIMU Somfy myLink Smart Hub 1811264

- Can hold up to 16 channels
- Can join 10 MyLinks together
- Compatible with Remote Motor Kits: [445SK](#), [528SK](#), [446SK](#), and [527SK](#)
- Compatible with Wireless Receivers: [1810481](#), [1810602](#), [2008191](#)

### EMS Brand Solar Motor Kit - **NEW!** Remote Override (TYPE 5)

**S346KB** 30Nm lifting capacity up to 119 lbs

**S446KB** 50Nm lifting capacity up to 200 lbs

Both used with **DD1538HK**

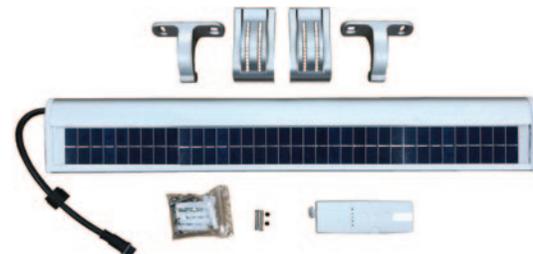
*Includes (Also Sold Separately): 60 & 70mm Crowns; 60 & 70mm Drives • Bracket*



### Bi-Directional Solar Panel Kit - **NEW!** DD1538HK

Used with **S346KB & S446KB**

*Includes: Quick Mount Wall Brackets, Hinged Brackets, Mounting Hardware, 5 Channel Remote*



**No Electrician Needed**  
**No Electrical Permit Required**

#### Solar Motor Includes:

Remote Override; 8' Power Cable with Twist Connection  
5 Channel Remote

#### 24" Solar Panel Includes:

Rechargeable Battery; 2' Power Cable with Twist Connection  
Micro USB Charging ; Quick Mount Wall Brackets

#### Recommended use:

40mm ER & Single Wall Roll Shutters

Contact your EMS Sales Representative today for details and pricing.



# ROLL SHUTTER MOTORS: EMS Brand Standard & Override Motor Kits

## EMS Brand Motor Specification Chart - NOT compatible with SIMU motor products

Model	Rated Torque	Output Speed	Motor Length	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
<b>Standard Motors</b>											
<b>349K</b>	30 Nm	13 rpm	21.5"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<b>449K</b>	50 Nm	13 rpm	21.5"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<b>510K</b>	100 Nm	11 rpm	32.75"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
<b>Standard w/Override Motor</b>											
<b>323K</b>	30 Nm	13 rpm	24"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<b>423K</b>	50 Nm	13 rpm	24"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<b>529K</b>	100 Nm	11 rpm	24.5"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
<b>Remote Motor</b>											
<b>345K</b>	30 Nm	13 rpm	27"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<b>445K</b>	50 Nm	13 rpm	27"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<b>528K</b>	100 Nm	11 rpm	30.5"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
<b>Remote w/Override Motor</b>											
<b>346K</b>	30 Nm	13 rpm	29.75"	120V	60Hz	152W	1.51A	4min	IP44	45	134lbs - 148 lbs
<b>446K</b>	50 Nm	13 rpm	29.75"	120V	60Hz	235W	2.2A	4min	IP44	22	150lbs - 246 lbs
<b>527K</b>	100 Nm	11 rpm	30.5"	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
<b>Standard w/Override Motor</b>											
<b>580K (NOT UL LISTED)</b>	300 Nm	11 rpm	23.75"	120V	60Hz	881W	8.17A	4min	IP44	30	760lbs - 1015lbs

\*\* Lifting Capacity decreases as the height increases.

### EMS Brand Standard Motor Kit (TYPE 5)

**349K** (DM45S) 30Nm; 4 Wire  
**449K** (DM45S) 50Nm; 4 Wire equiv. to **449SK**

*Includes (Also Sold Separately):*  
 60 & 70MM Crowns • 60 & 70mm Drives  
 Bracket • Alt. Bracket



### EMS Brand Standard Motor Kit (TYPE 6)

**510K** (DM59S) 100Nm; 4 Wire equiv. to **510SK**

*Includes (Also Sold Separately):*  
 70MM Crown • 70mm Drive  
 Bracket • Alt. Bracket



### EMS Brand Standard Override Motor Kit (TYPE 5)

**323K** (DM45S) 30Nm; 4 Wire  
**423K** (DM45S) 50Nm; 4 Wire equiv. to **423SK**

*Includes (Also Sold Separately):*  
 60 & 70MM Crowns • 60 & 70mm Drives  
 Bracket



### EMS Brand Standard Override Motor Kit (TYPE 6)

**529K** (DM59M) 100Nm; 4 Wire equiv. to **529SK**

*Includes (Also Sold Separately):*  
 70MM Crown • 70mm Drive  
 Bracket • Alt. Bracket



### EMS Brand Override Motor Kit (TYPE 9)

(NOT UL LISTED)  
**580K** (DM92M) 300Nm; 4 Wire

*Includes (Also Sold Separately):*  
 100MM Crown • 100mm Drive  
 No Bracket - Direct Mount  
 Override Crank Eye



# ROLL SHUTTER MOTORS: EMS Brand Remote Motor Kits

**EMS Brand Remote Motor Kit (TYPE 5)**  
**445K** (DM45R) 50Nm; 3 Wire equiv. to 445SK

*Includes (Also Sold Separately):*  
 60 & 70MM Crowns • 60 & 70mm Drives  
 Bracket • Alt. Bracket • Five Channel Emitter



**EMS Brand Remote Motor Kit (TYPE 6)**  
**528K** (DM59R) 100Nm; 3 Wire equiv. to 528SK

*Includes (Also Sold Separately):*  
 70MM Crown • 70mm Drive  
 Bracket • Alt. Bracket • Five Channel Emitter



# ROLL SHUTTER MOTORS: EMS Brand Remote Override Motor Kits

**EMS Brand Remote Override Motor Kit (TYPE 5)**  
**446K** (DM45R) 50Nm; 3 Wire equiv. to 446SK

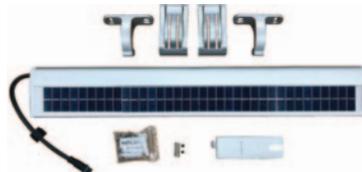
*Includes (Also Sold Separately):*  
 60 & 70MM Crowns • 60 & 70mm Drives  
 Bracket • Five Channel Emitter



**EMS Brand Solar Motor Kit - NEW!**  
**Remote Override (TYPE 5)**  
**S346KB** (DM45R) 30Nm lifts up to 119 lbs  
**S446KB** (DM45R) 50Nm lifts up to 200 lbs  
 Both used with **DD1538HK** (see below)  
*Includes (Also Sold Separately):* 60 & 70MM Crowns  
 60 & 70mm Drives • Bracket • Five Channel Emitter



**DD1538HK** Solar Panel Kit - **NEW!**



**EMS Brand Remote Override Motor Kit (TYPE 6)**  
**527K** (DM59R) 100Nm; 3 Wire equiv. to 527SK

*Includes (Also Sold Separately):*  
 70MM Crown • 70mm Drive  
 Bracket • Alt. Bracket  
 Five Channel Emitter



# ROLL SHUTTER MOTORS: EMS Brand Miscellaneous Electronics

**WiFi Smart Hub**  
**DD7002B**  
 For Dooya Motors



**15 Channel Remote Unidirectional**  
**DC1602**



**Keychain Emitter**  
**DC61** One Channel



**Twenty Channel Wireless Receiver**  
**DC74** (Standard Motors)  
**DC136** (for 580K)



# SIMU ROLL SHUTTER MOTORS: Standard & Override Motor Kits

## **SIMU Motor Specification Chart** - NOT compatible with EMS motor products

Model	Rated Torque	Output Speed	Motor Length	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
<b>Standard Motors</b>											
<u>449SK</u>	50 Nm	12 rpm	23.625"	120V	60Hz	210W	2.1A	5min	IP44	28	224lbs-246lbs
<u>510SK</u>	100 Nm	14 rpm	27.125"	120V	60Hz	430W	3.8A	4min	IP44	22	308lbs-448lbs
<b>Standard w/Override Motor</b>											
<u>423SK</u>	50 Nm	12 rpm	26"	120V	60Hz	210W	2.1A	5min	IP44	28	224lbs-246lbs
<u>529SK</u>	100 Nm	14 rpm	26.25"	120V	60Hz	430W	3.8A	5min	IP44	28	308lbs-448lbs
<b>Remote Motor</b>											
<u>445SK</u>	50 Nm	12 rpm	26.5"	120V	60Hz	250W	2.1A	5min	IP44	28	224lbs-246lbs
<u>528SK</u>	100 Nm	14 rpm	28.75"	120V	60Hz	430W	3.8A	4min	IP44	28	308lbs-448lbs
<b>Remote w/Override Motor</b>											
<u>446SK</u>	50 Nm	12 rpm	30.25"	120V	60Hz	250W	2.1A	5min	IP44	28	224lbs-246lbs
<u>527SK</u>	100 Nm	14 rpm	33.75"	120V	60Hz	430W	3.8A	5min	IP44	28	308lbs-448lbs

\*\* Lifting Capacity decreases as the height increases.

### SIMU Standard Motor Kit (TYPE 5)

449SK (DM45S) 50Nm; 4 Wire equiv. to 449K

*Includes (Also Sold Separately):*

60 & 70MM Crowns • 60 & 70mm Drives • Bracket • Alt. Bracket



### SIMU Standard Motor Kit (TYPE 6)

510SK (DM59S) 100Nm; 4 Wire equiv. to 510K

*Includes (Also Sold Separately):*

70MM Crown • 70mm Drive • Bracket • Alt. Bracket



### SIMU Standard Override Motor Kit (TYPE 5)

423SK (DM45S) 50Nm; 4 Wire equiv. to 423K

*Includes (Also Sold Separately):*

60 & 70MM Crowns • 60 & 70mm Drives • Bracket



### SIMU Standard Override Motor Kit (TYPE 6)

529SK (DM59M) 100Nm; 4 Wire equiv. to 529K

*Includes (Also Sold Separately):*

70MM Crown • 70mm Drive • Bracket



# SIMU ROLL SHUTTER MOTORS: Remote Motor Kits

**SIMU Remote Motor Kit (TYPE 5)**  
**445SK** (DM45R) 50Nm; 3 Wire equiv. to 445K

*Includes (Also Sold Serarately): 60 & 70MM Crowns  
 60 & 70mm Drives • Bracket; Five Channel Emitter*



**SIMU Remote Motor Kit (TYPE 6)**  
**528SK** (DM59R) 100Nm; 3 Wire equiv. to 528K

*Includes (Also Sold Serarately): 70MM Crown • 70mm Drive • Bracket  
 Alt. Bracket; Five Channel Emitter*



# SIMU ROLL SHUTTER MOTORS: Remote Override Motor Kits

**SIMU Remote Override Motor Kit (TYPE 5)**  
**446SK** (DM45R) 50Nm; 3 Wire equiv. to 446K

*Includes (Also Sold Serarately): 60 & 70MM Crowns  
 60 & 70mm Drives • Bracket; Five Channel Emitter*



**SIMU Remote Override Motor Kit (TYPE 6)**  
**527SK** (DM59R) 100Nm; 3 Wire equiv. to 527K

*Includes (Also Sold Serarately): 70MM Crown • 70mm Drive • Bracket  
 Five Channel Emitter*



# ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

Device for Home  
 Automation Somfy  
 myLink App  
**1811264** White



**Hz TRANSMITTER**  
**2006143** White  
 5 Channel  
 Handheld



**Hz TRANSMITTER**  
**2007350** White  
 16 Channel  
 Handheld



**Hz TRANSMITTER**  
**1810603** White  
**1810604** Ivory  
 1 Channel Recessed  
 Designer



**Hz TRANSMITTER**  
**1810813** White  
**1810606** Ivory  
 5 Channel Recessed  
 Designer



**Hz RADIO**  
**EXTERNAL**  
**KEYPAD**  
**2006029**  
 Up to 2 Hz Motors



**Hz 2 CHANNEL**  
**KEYCHAIN**  
**TRANSMITTER**  
**2005326** ref.  
2008329



# ROLL SHUTTER MOTORS: Miscellaneous Electronics

**RELAY/ISOLATION**  
**CONTROL**  
**1822135** (NON STOCK)  
 For 2 Switches on 1 Motor



**EXTERNAL RADIO**  
**RECEIVER** (Non Stock)  
**1810481**  
 For IGC; Remote for  
 Duals & Sync Kit



**EXTERNAL RADIO**  
**RECEIVER** (Non Stock)  
**1810602**  
 Makes a Standard Motor  
 Remote



**EXTERNAL SYNC.**  
**CONTROL**  
 For Dual Motors  
**1822159** Standard IGC  
**1822161** (Non Stock)



**GROUP RELAY**  
**SWITCH**  
**2282074** (Non Stock)  
 2 Motors on 1 Master Switch  
**2282075** (Non Stock)  
 3 Motors on 1 Master Switch



**EXTERNAL HZ**  
**RECEIVER**  
**2008191**  
 Micro Motor 120V AC



# ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 5 & 6

## SIMU Motor Specifications - Single Motors (Non-Kits)

Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
<b>Standard Motors (TYPE 5)</b>											
535 - <a href="#">2000648</a>	35 Nm	18 rpm	47mm	120V	60 Hz	210W	2.1A	5 min	IP44	28	143 lbs - 172 lbs
540 - <a href="#">2000652</a>	40 Nm	12 rpm	47mm	120V	60 Hz	210W	1.8A	5 min	IP44	28	179 lbs - 195 lbs
<b>Standard w/Override Motors (TYPE 5)</b>											
530 - <a href="#">2000774</a>	30 Nm	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	134 lbs - 148 lbs
535 - <a href="#">2000771</a>	35 Nm	18 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	143 lbs - 172 lbs
540 - <a href="#">2000775</a>	40 Nm	12 rpm	47mm	120V	60 Hz	210W	1.8A	5 min	IP44	28	179 lbs - 195 lbs
<b>Standard w/Override Motor</b>											
660 - <a href="#">2000985</a>	60 Nm	14 rpm	60mm	120V	60 Hz	285W	2.5A	4 min	IP44	22	185 lbs - 268 lbs
680 - <a href="#">2000986</a>	80 Nm	14 rpm	60mm	120V	60 Hz	390W	3.4A	4 min	IP44	22	246 lbs - 358 lbs

### SIMU STANDARD MOTORS (TYPE 5)

SPECIAL ORDER

535 - [2000648](#) 35 Nm  
540 - [2000652](#) 40 Nm

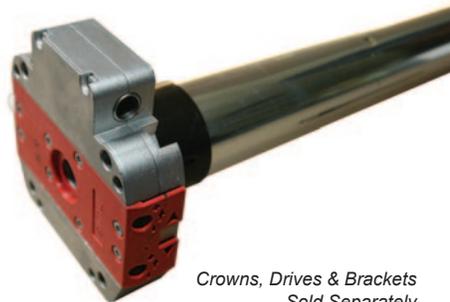


Crowns, Drives & Brackets Sold Separately

### SIMU OVERRIDE MOTORS (TYPE 5)

SPECIAL ORDER

530 - [2000774](#) 30 Nm  
535 - [2000771](#) 35 Nm  
540 - [2000775](#) 40 Nm



Crowns, Drives & Brackets Sold Separately

### SIMU STANDARD MOTORS (TYPE 6)

SPECIAL ORDER

660 - [2000985](#) 60 Nm  
680 - [2000986](#) 80 Nm



Crowns, Drives & Brackets Sold Separately

### MOTOR ADAPTORS (crown & drive)

**9012814** TYPE 5

60mm Octagonal Set,  
Aluminum Drive Wheel



### MOTOR ADAPTORS (crown & drive)

**9012812** TYPE 5

70mm Octagonal Set,  
Aluminum Drive Wheel



### MOTOR ADAPTORS (crown & drive)

**9012815** TYPE 6

70mm Octagonal Set,  
Aluminum Drive Wheel



### MOTOR BRACKETS

**9520049** TYPE 5

Operator Bracket  
80mm x 80mm square



### MOTOR BRACKETS

**9520187** TYPE 5

Operator Bracket  
100mm x 100mm square



### MOTOR BRACKETS

**DZ315K** TYPE 5 & 6

DMI Override Operator Bracket  
ref. [9706034](#)



### MOTOR BRACKETS

**9530018** TYPE 6

Operator Bracket  
100mm x 100mm square



# ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 8

## SIMU Motor Specifications - Single Motors (Non-Kits)

Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
<b>Standard w/Override Motor</b>											
T8 - 2008302	200 Nm	10 rpm	94mm	120V	60 Hz	600W	5.6A	4min	IP44	17	490 - 551 lbs
T8 - 2008303	280 Nm	10 rpm	94mm	120V	60 Hz	820W	6.9A	4min	IP44	17	686 - 771 lbs

\*\* Lifting Capacity decreases as the height increases.

### SIMU OVERRIDE MOTORS (TYPE 8)

SPECIAL ORDER

**T8 - 2008302** 200 Nm



To make Remote Use [1810602](#)

**9001297** Drive  
**9018069** Bracket

Drives & Brackets  
Sold Separately

### SIMU SLIM OVERRIDE MOTOR (TYPE 8)

SPECIAL ORDER

**T8 - 2008303** 280 Nm



To make Remote Use

Smart Motor Control [2005720](#) and IGC Control [1810481](#)

**9001297** Drive  
**9018069** Bracket

Drives & Brackets  
Sold Separately

## ROLL SHUTTER MOTORS by SIMU: Toggle Switches

### MOTOR

**ADAPTORS** (drive)

**9001297**

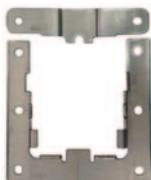
T8 94MM Round Drive  
Wheel



### MOTOR BRACKETS

**9018069**

T8 Bracket Angle  
(2 piece set)



### T8 IDLER SUPPORT

**2003807**



### 94MM IDLE INSERT

**9542008**



### TOGGLE SWITCH

Single Pole Maintained

**2005520**

Ivory

**2005521**

White



### TOGGLE SWITCH

Single Pole Momentary

**2005522**

Ivory

**2005523**

White



### KEY SWITCHES

**2001547** Maintain

**2001548** Momentary

**2005752\***

Extra Key Blanks

\*Non Stock Item



### DESIGNER PADDLE SWITCHES

Single Pole Maintained

**2005553**

Ivory

**2005554**

White



### DESIGNER PADDLE SWITCHES

Single Pole Momentary

**2005558**

Ivory

**2005559**

White



### TEST SWITCH

**2001476**

Installation

Test switch



# ROLL SHUTTER MOTORS by SIMU: Remote Hz Motors - Type 5

## SIMU Motor Specifications - Single Motors (Non-Kits)

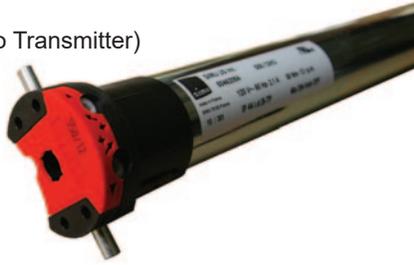
Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
<b>Remote Motor</b>											
520 - <b>2006353</b>	35 Nm	12 rpm	47mm	120V	60 Hz	130W	1.1A	5 min	IP44	28	82 lbs - 100 lbs
530 - <b>2005136</b>	30 Nm	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	123 lbs - 148 lbs
535 - <b>2005135</b>	35 Nm	18 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	143 lbs - 172 lbs
<b>Remote w/Override Motor</b>											
530 - <b>2004673</b>	30 Nm	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	123 lbs - 148 lbs
535 - <b>2004674</b>	35 Nm	18 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	143 lbs - 172 lbs

\*\* Lifting Capacity decreases as the height increases

### REMOTE Hz (TYPE 5) SPECIAL ORDER

- 520 - 2006353** 20 Nm
- 530 - 2005136** 30 Nm (No Transmitter)
- 535 - 2005135** 35 Nm

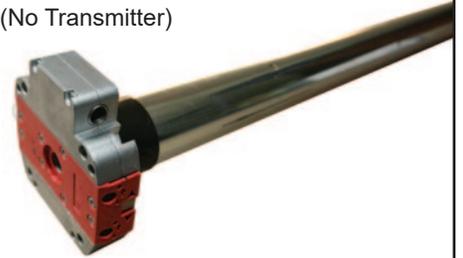
Crowns, Drives  
& Brackets Sold  
Separately



### REMOTE Hz OVERRIDE MOTORS (TYPE 5) SPECIAL ORDER

- 530 - 2004673\*** 30 Nm (No Transmitter)
- 535 - 2004674** 35 Nm

Crowns, Drives  
& Brackets Sold  
Separately



## ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

### MOTOR ADAPTORS

(crown & drive)  
**9012814** TYPE 5  
60mm Octagonal Set,  
Aluminum Drive Wheel



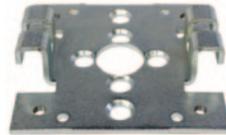
### MOTOR ADAPTORS

(crown & drive)  
**9012812** TYPE 5  
70mm Octagonal Set,  
Aluminum Drive Wheel



### MOTOR BRACKETS

**9520049** TYPE 5  
Operator Bracket  
80mm x 80mm square



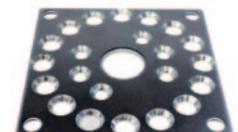
### MOTOR BRACKETS

**9520187** TYPE 5  
Operator Bracket  
100mm x 100mm square



### MOTOR BRACKETS

**DZ315K** TYPE 5  
DMI Override Operator  
Bracket  
ref. **9706034**



Device for Home  
Automation Somfy  
myLink App  
**1811264** White



Hz TRANSMITTER  
**2006143** White  
5 Channel  
Handheld



Hz TRANSMITTER  
**2007350** White  
16 Channel  
Handheld



Hz TRANSMITTER  
**1810603** White  
**1810604** Ivory  
1 Channel Recessed  
Designer



Hz TRANSMITTER  
**1810813** White  
**1810606** Ivory  
5 Channel Recessed  
Designer



Hz RADIO  
EXTERNAL  
KEYPAD  
**2006029**  
Up to 2 Hz Motors



Hz 2 CHANNEL  
KEYCHAIN  
TRANSMITTER  
**2005326** ref.  
**2008329**



RELAY/ISOLATION  
CONTROL  
**1822135** (NON STOCK)  
For 2 Switches on 1 Motor



EXTERNAL RADIO  
RECEIVER (Non Stock)  
**1810481**  
For IGC; Remote for  
Duals & Sync Kit



EXTERNAL RADIO  
RECEIVER (Non Stock)  
**1810602**  
Makes a Standard Motor  
Remote



EXTERNAL SYNC.  
CONTROL  
For Dual Motors  
**1822159** Standard IGC  
**1822161** (Non Stock)



GROUP RELAY  
SWITCH  
**2282074** (Non Stock)  
2 Motors on 1 Master Switch  
**2282075** (Non Stock)  
3 Motors on 1 Master Switch



EXTERNAL HZ  
RECEIVER  
**2008191**  
Micro Motor 120V AC

