

Overhead Concealed Closers

Frame Head Concealed Closers
Designed for Aluminum, Hollow Metal,
or Wood Doors and Frames



RIXSON
ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

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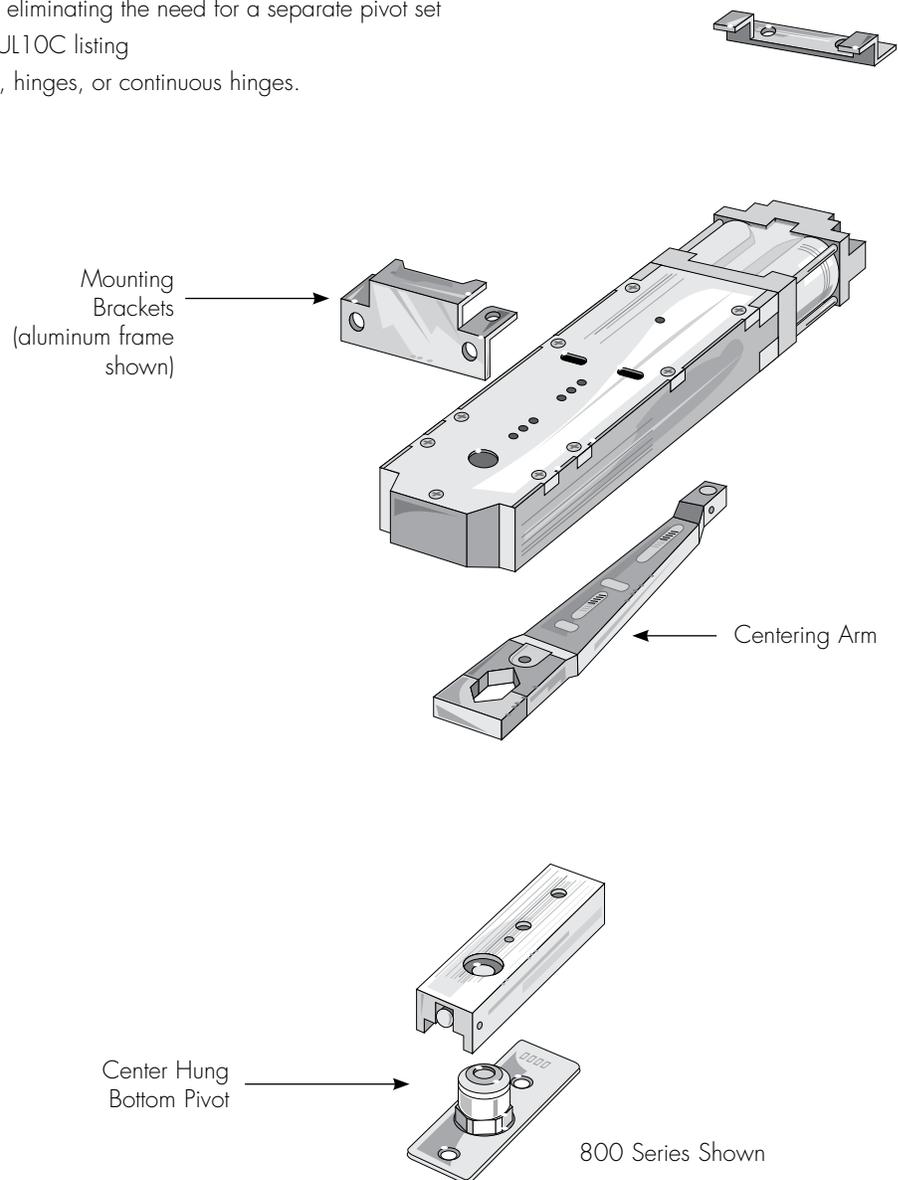
OVERHEAD CONCEALED CLOSERS

GENERAL INFORMATION

Sometimes closers cannot practically be installed in the floor but concealment is desired. It is in this situation that closers will be concealed in the header of the frame.

Rixson provides 2 grades of overhead closers

- Commodity grade 608 series – for aluminum store front, moderate traffic doors
- Architectural grade 700/800 series for larger, moderate traffic doors
- Specific mounting brackets or boxes for aluminum, wood or metal frames
- Center hung models use the closer body as the top pivot and centering arm – making a more efficient closer
- Center hung models include a bottom pivot – eliminating the need for a separate pivot set
- Offset architectural grade products carry the UL10C listing
- Offset models can be installed with pivot sets, hinges, or continuous hinges.



608 SERIES COMMODITY GRADE CLOSER

Non-Hold Open – Suffix N

These closers do not hold the door open. This feature cannot be changed in the field.

Automatic Hold Open – Suffix A

These closers hold the door open. This feature cannot be changed in the field.

Degree of Swing – Follows Model Number

When product is ordered with automatic hold open, a degree of swing must be noted. Options are 90° or 105°. Non-hold open closers doors swing to 130°.

Extended Spindle – Suffix “Ext Spdl”

Often, it is desired to conceal the closer above ceiling tile or drywall. When this is done a longer spindle is required. This is available in 1/2" longer (only) than standard. Closer adjustment valves must always be accessible.

Handing

608 series closers are not handed.

700/800 SERIES ARCHITECTURAL GRADE CLOSER

Non-Hold Open – Suffix N

These closers do not hold the door open. This feature cannot be changed in the field.

Automatic Hold Open – Suffix A

These closers hold the door open. This feature cannot be changed in the field.

Degree of Swing – Follows Model Number

When product is ordered a degree of swing must be noted. Options are 90° or 105°.

End Caps – 199

Used to cover mortise edges of wood doors center hung closer models. Two furnished, one for top arm other for bottom pivot. May be used on 608/700/800.



Extended Spindle – Suffix “Ext Spdl”

Often, it is desired to conceal the closer above ceiling tile or drywall. When this is done a longer spindle is required. This is available in 1/2" longer (only) than standard. Closer adjustment valves must always be accessible.

Handing

700/0700 closers are either right or left hand. 800 series are double acting and non-handed.

CERTIFICATIONS



Rixson® 700/800 Overhead concealed closers are compliant to ANSI/BHMA A156.4 Standards. See individual products for sub sections.

LIMITED WARRANTY

Rixson® overhead concealed closers, models 608/700/800 are warranted for 2 years for defect. See Rixson Price Book for specific details of the limited warranty.

SPECIFICATIONS

Model 608 Overhead Concealed Closer

Compact cast iron body to fit in minimum 1-3/4 x 4" aluminum frame. Closer shall have separate and independent closing and latch speed control valves. Optional hold open at 90 or 105°. For center hung applications, arm shall have door centering adjustments and be directly connected to the closer spindle. Closer body is non-handed, single or double acting. Vertically adjustable center hung bottom pivot included. For independently hung doors use model 0608 with slide track arm and channel.

Model 700/800 Overhead Concealed Closer

Model 700 for single acting center hung doors. Hydraulic closer mechanism to fit in minimum 1-3/4" x 4" aluminum frame. Closer shall have a sized spring determined by the door width. Adjustable hydraulic backcheck and closing speed valves. Closers for single acting doors shall be handed and preloaded for positive closing action. Vertically adjustable center hung bottom pivot included. For double acting doors, use model 800 with adjustable closing speed for each swing direction. For independently hung doors use model 0700 with slide track arm and channel.

OVERHEAD CONCEALED CLOSERS COMMODITY GRADE/OFFSET HUNG

RIXSON®
ASSA ABLOY

MODEL 0608

Application

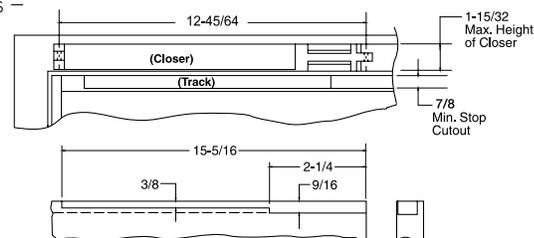
- Single Acting, Non-handed
- Exterior or Interior Doors
- Low to Moderate Traffic
- Weight to 200 lbs.
- Door Size 3'8" x 8'0"
(1118 x 2438mm)



Product Description & Features

- Available in non-hold open (N) (door swings to 130°)
- Available in automatic hold open models – Specify 90° or 105° (A)
- Product should always be used with an auxiliary floor or wall stop
- 1-3/4" doors
- Arms only available in sprayed finishes
- Adjustable closing and latch speeds
- On offset hung application, removable frame stop is required
- 1/2" longer than standard closer spindle is available and must be ordered as part of the closer. It cannot be added later
- Hanging means by others. Recommended product pivot set 547, see Pivot Section page 10
- Cannot be used with a top pivot
- 0608 closers should be used on aluminum doors and frames. Package includes closer body, arm, and frame mounting clips. This can be used in an aluminum frame that is 1-3/4" x 4".
- M0608 should be used on metal doors and frames. Package includes closer body, arm, frame mounting box 608049PKG*, and cover plate. Frame size 2" x 5-1/2" minimum.
- MW0608 closer should be used on wood doors and metal frames. Package includes closer body, arm, frame mounting box 608049PKG* and cover plate. Frame size 2" x 5-1/2" minimum.
- W0608 closer should be used on wood doors and frames. Package includes closer body, arm, frame mounting box 608049PKG and cover plate. Frame size 2" x 5-1/2" minimum.
- AW0608 closer should be used on wood doors and aluminum frames. Package includes closer body, arm, frame mounting clips and cover plate. Frame size 1-3/4" x 4".

Technical Information



*Note that mounting channels must be welded into frames prior to shipment to job site.

MODEL 608

Application

- Single or Double Acting, Non-handed
- Exterior or Interior Doors
- Low to Moderate Traffic
- Weight to 200 lbs.
- Exterior Door Size 3'6" x 8'0" (1067 x 2438mm)
- Interior Door Size 3'8" x 8'0" (1118 x 2438mm)



End load arm shown

*Note that mounting channels must be welded into frames prior to shipment to job site.

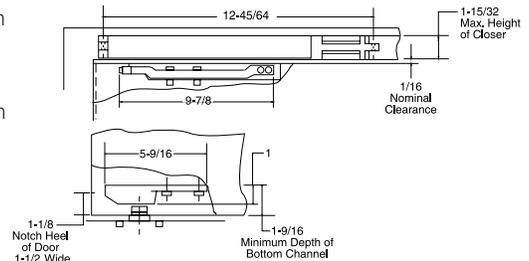
Product Description & Features

- Available in non-hold open (N) (door swings to 130° each direction)
- Available in automatic hold open (both directions) models – Specify 90 or 105° (A)
- Product should always be used with an auxiliary floor or wall stop
- 1-3/4" doors
- Adjustable closing and latch speeds
- On single acting center hung application, frame stop is required (see part number 60131 (Door Control Accessories) page 8, order separately)
- 1/2" longer than standard closer spindle is available and must be ordered as part of the closer. It cannot be added later.
- Includes 608011 bottom pivot
- Optional end cap 199 for top and bottom of wood door

Models

- 608EL closers should be used on aluminum doors and frames. Package includes closer body, arm, frame mounting clips, and bottom pivot 608011. This can be used in an aluminum frame that is 1-3/4" x 4".
- 608SL closers should be used on aluminum door and frames with an arm that attaches to the spindle thru the face of the door. Package includes body arm, frame, mounting clips and bottom pivot 608011. This can be used on a frame that is 1-3/4" x 4".
- M608 closers should be used on metal doors and frames. Package includes closer body, arm, frame mounting box 608049PKG*, cover plate and bottom pivot 608011. Frame size 2" x 5-1/2" minimum.
- MW608 closer should be used on wood doors and metal frames. Package includes closer body, arm, frame mounting box 608049PKG*, cover plate and bottom pivot 608011. Frame size 2" x 5-1/2" minimum.
- W608 closer should be used on wood doors and frames. Package includes closer body, arm, frame, mounting box 608049PKG, cover plate and bottom pivot 608011. Frame size 2" x 5-1/2" minimum.
- AW608 closer should be used on wood doors and aluminum frames. Package includes closer body, arm, frame mounting clips, and bottom pivot 608011. Frame size 1-3/4" x 4".

Technical Information



OVERHEAD CONCEALED CLOSERS

ARCHITECTURAL GRADE/OFFSET HUNG

MODEL 0700

Application

- Single Acting, Handed
- Exterior or Interior Doors
- Low to Moderate Traffic
- Weight to 200 lbs.

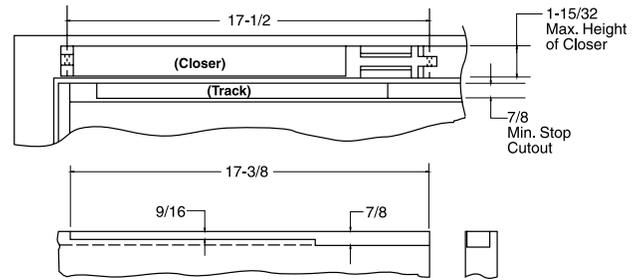


ANSI/C05032/C05042

Product Description & Features

- Available in non-hold open (N) or automatic hold open (A)
- Product should always be used with an auxiliary floor or wall stop – Specify 90 or 105° (A or N)
- 1-3/4" doors
- Arms only available in sprayed finishes.
- Adjustable closing speed
- Adjustable hydraulic backcheck
- UL10C listed for fire rated opening
- 1/2" longer than standard closer spindle is available and must be ordered as part of the closer. It cannot be added later.
- Hanging means by others. Recommended pivot set 547 see Pivot Section page 10, if other than butt hinges or 3/4 offset pivots are used, advise factory.
- Cannot be used with a top pivot

Technical Information



Models

- 0700 closers should be used on aluminum doors and frames. Package includes closer body, arm and frame mounting clips 1639000. This can be used in an aluminum frame that is 1-3/4" x 4".
- M0700 should be used on metal doors and frames. Package includes closer body, arm, frame mounting box 01920910*, and cover plate. Frame size 2" x 5-1/2" minimum.
- MW0700 closer should be used on wood doors and metal frames. Package includes closer body, arm, frame mounting box 01920910* and cover plate. Frame size 2" x 5-1/2" minimum.
- W0700 closer should be used on wood doors and frames. Package includes closer body, arm, frame mounting plate 01980910 and cover plate. Frame size 2" x 5-1/2" minimum.

RH closer shown with cover, furnished with W, M, MW models

*Note that mounting channels must be welded into frames prior to shipment to job site.

Specify size when ordering

Sized Springs

0706, M0706, MW0706, W0706	0707, M0707, MW0707, W0707	0708, M0708, MW0708, W0708
Exterior 2'6" x 8'0" (762 x 2438mm)	Exterior 3'0" x 8'0" (914 x 2438mm)	Exterior 3'6" x 8'0" (1067 x 2438mm)
Interior 3'0" x 8'0" (914 x 2438mm)	Interior 3'3" x 8'0" (991 x 2438mm)	Interior 3'8" x 8'0" (1118 x 2438mm)

MODEL 700

Application

- Single Acting, Handed
- Exterior or Interior Doors
- Low to Moderate Traffic
- Weight to 200 lbs.



ANSI/C05052



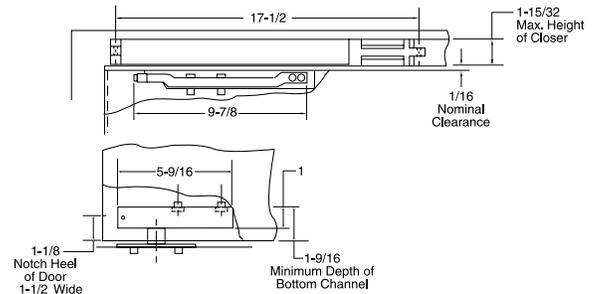
Product Description & Features

- Available in non-hold open (N) or automatic hold open (A). Specify 90 or 105°, A or N
- Product should always be used with auxiliary stop
- 1-3/4" doors
- Adjustable closing speed
- Adjustable hydraulic backcheck
- Frame stop required (see part number 60131 (Door Control Accessories) page 8), order separately
- 1/2" longer than standard closer spindle is available and must be ordered as part of the closer. It cannot be added later
- Includes 2183020 bottom pivot
- Optional end cap 199 for top and bottom of wood door

Models

- 700 should be used on aluminum doors and frames. Package includes closer body, arm, frame mounting clips 1639000 and bottom pivot 2183020. Frame size 1-3/4" x 4" minimum.
- M700 should be used on metal doors and frames. Package includes closer body, arm, cover plate, frame mounting channel 1929000* and bottom pivot 2183020. Frame size 2"x 5-1/2" minimum.
- MW700 should be used on wood doors and metal frames. Package includes closer body, arm, cover plate, frame mounting channel 1929000* and bottom pivot 2183020. Frame size 2"x 5-1/2" minimum.
- W700 should be used on wood doors and frames. Package includes closer body, arm, cover plate, frame mounting channel 1980910 and bottom pivot 2183020. Frame size 2"x 5-1/2" minimum.

Technical Information



Closer shown with cover, furnished with W, M, MW models

*Note that mounting channels must be welded into frames prior to shipment to job site.

Specify size when ordering

Sized Spring

706, M706, MW706, W706	707, M707, MW707, W707	708, M708, MW708, W708
Exterior 2'6" x 8'0" (762 x 2438mm)	Exterior 3'0" x 8'0" (914 x 2438mm)	Exterior 3'6" x 8'0" (1067 x 2438mm)
Interior 3'0" x 8'0" (914 x 2438mm)	Interior 3'3" x 8'0" (991 x 2438mm)	Interior 3'8" x 8'0" (1118 x 2438mm)

OVERHEAD CONCEALED CLOSERS

ARCHITECTURAL GRADE/DOUBLE ACTING CENTER HUNG

MODEL 800

Application

- Double Acting, Non-handed
- Exterior or Interior Doors
- Low to Moderate Traffic
- Weight to 200 lbs.



ANSI/C05052/C05062



Closer shown with cover, furnished with W, M, MW models

*Note that mounting channels must be welded into frames prior to shipment to job site.

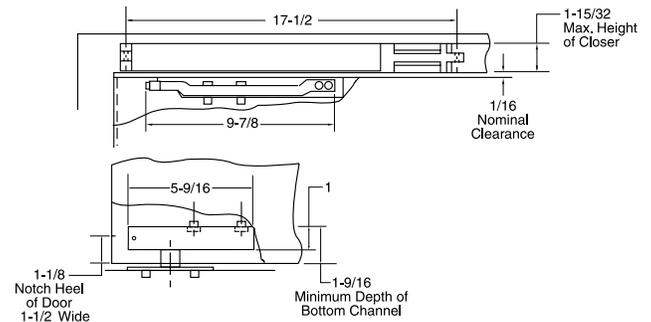
Product Description & Features

- Available in non-hold open (N) or automatic hold open (A). Specify 90 or 105°, A or N
- Product should always be used with an auxiliary floor or wall stop
- 1-3/4" doors
- Adjustable closing speed
- 1/2" longer than standard closer spindle is available and must be ordered as part of the closer. It cannot be added later
- Includes 2183020 bottom pivot
- Optional end cap 199 for top and bottom of wood door

Models

- 800 should be used on aluminum doors and frames. Package includes closer body, arm and frame mounting clips 1639000 and bottom pivot 2183020. Frame size 1-3/4" x 4".
- M800 should be used on metal doors and frames. Package includes closer body, arm, cover plate, frame mounting channel 1929000* and bottom pivot 2183020. Frame size 2" x 5-1/2".
- MW800 should be used on wood doors and metal frames. Package includes closer body, arm, cover plate, frame mounting channel 1929000* and bottom pivot 2183020. Frame size 2" x 5-1/2".
- W800 should be used on wood doors and frames. Package includes closer body, arm, cover plate, frame mounting channel 1980910, and bottom pivot 2183020. Frame size 2" x 5-1/2".

Technical Information

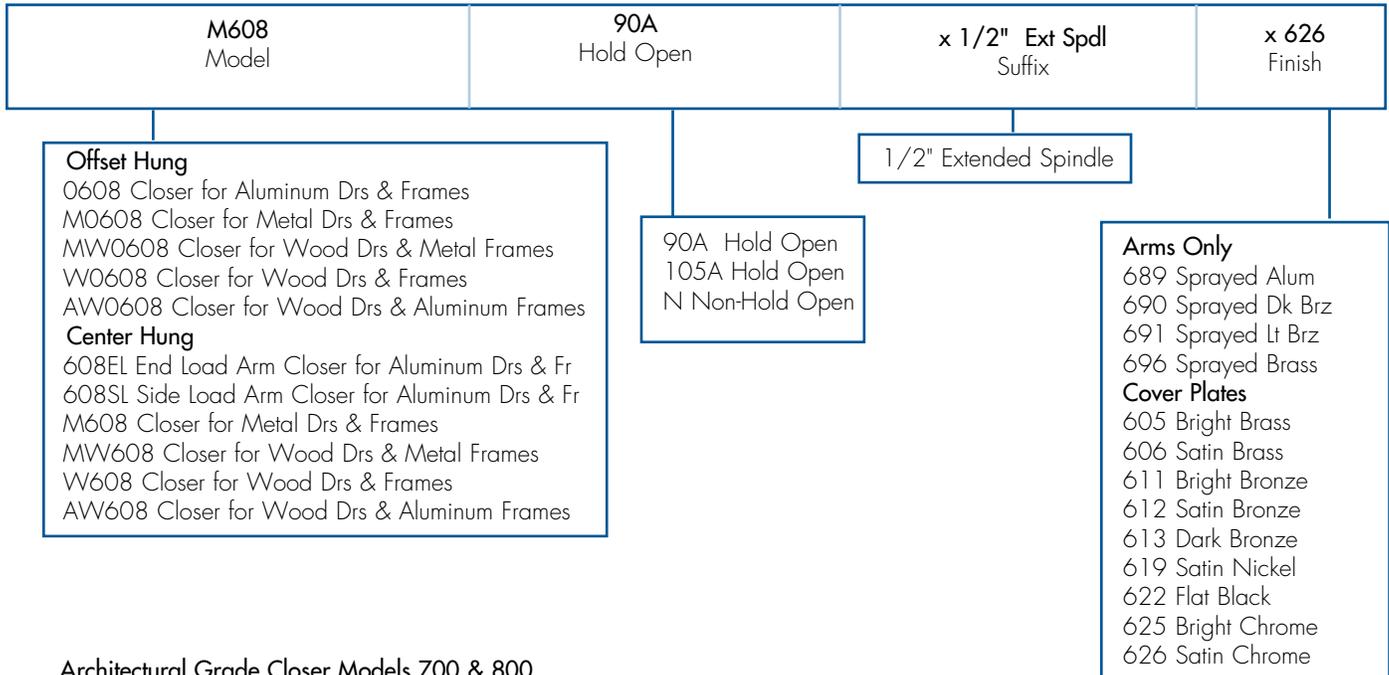


Specify size when ordering

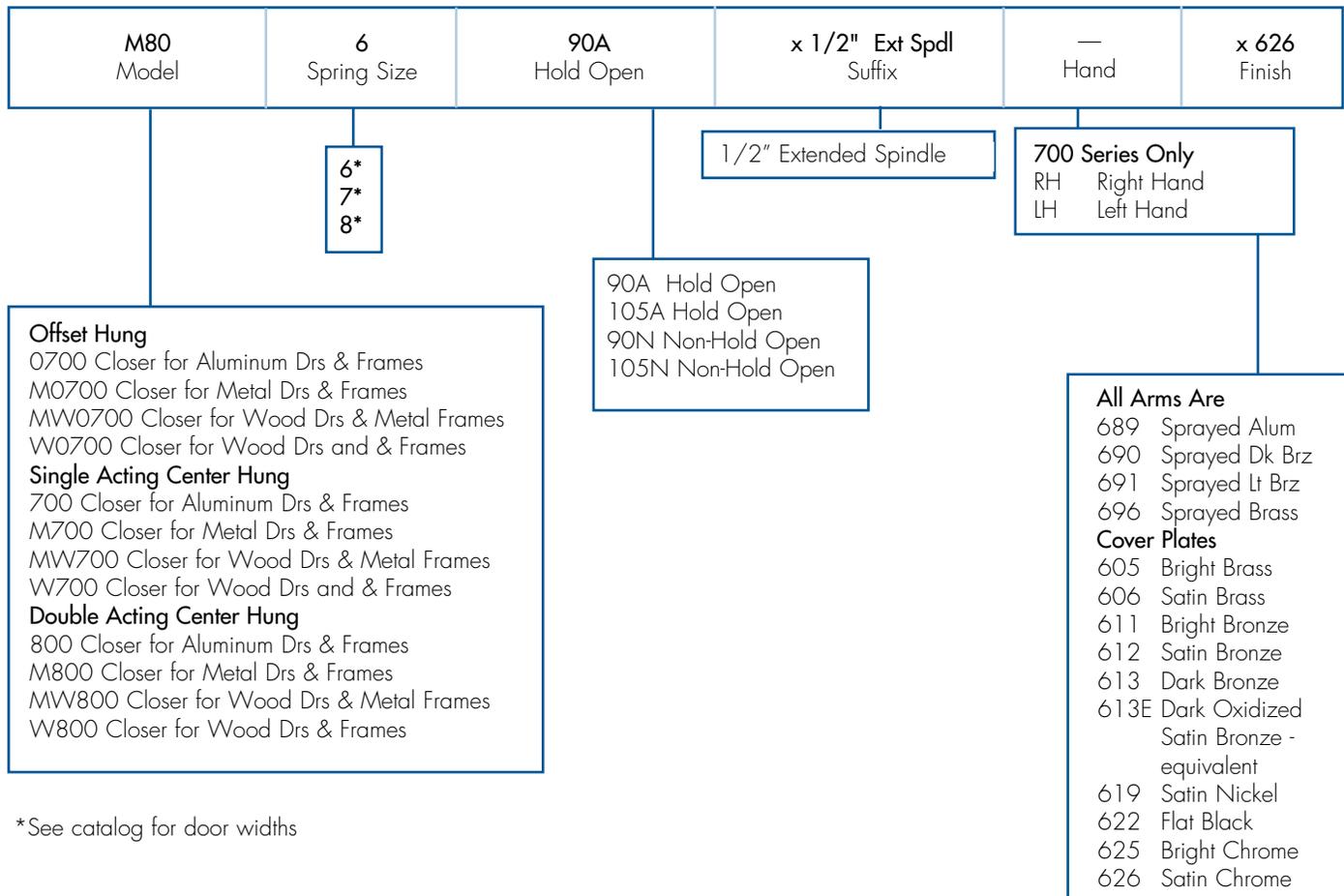
Sized Springs

806, M806, MW806, W806	807, M807, MW807, W807	808, M808, MW808, W808
Exterior 2'6" x 8'0" (762 x 2438mm)	Exterior 3'0" x 8'0" (914 x 2438mm)	Exterior 3'6" x 8'0" (1067 x 2438mm)
Interior 3'0" x 8'0" (914 x 2438mm)	Interior 3'3" x 8'0" (991 x 2438mm)	Interior 3'8" x 8'0" (1118 x 2438mm)

Commodity Grade Closer Models 608



Architectural Grade Closer Models 700 & 800



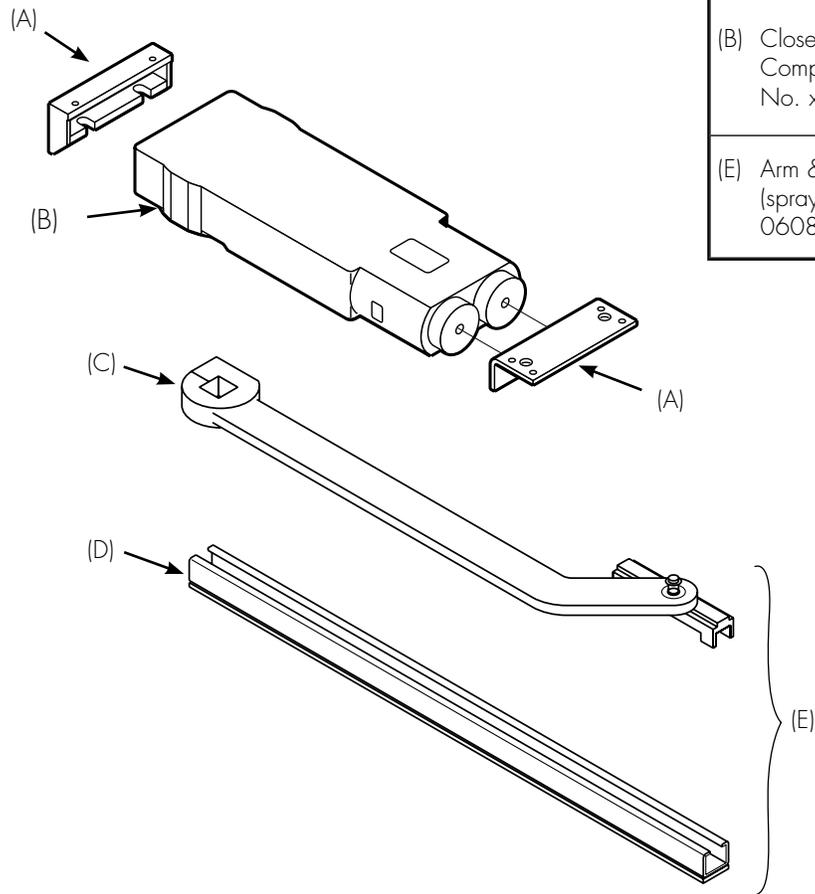
*See catalog for door widths

OVERHEAD CONCEALED CLOSERS

PARTS DRAWINGS

0608/AW0608

(C) Arm Assembly (sprayed finishes only) 0608312-*
(D) Rail 0608109



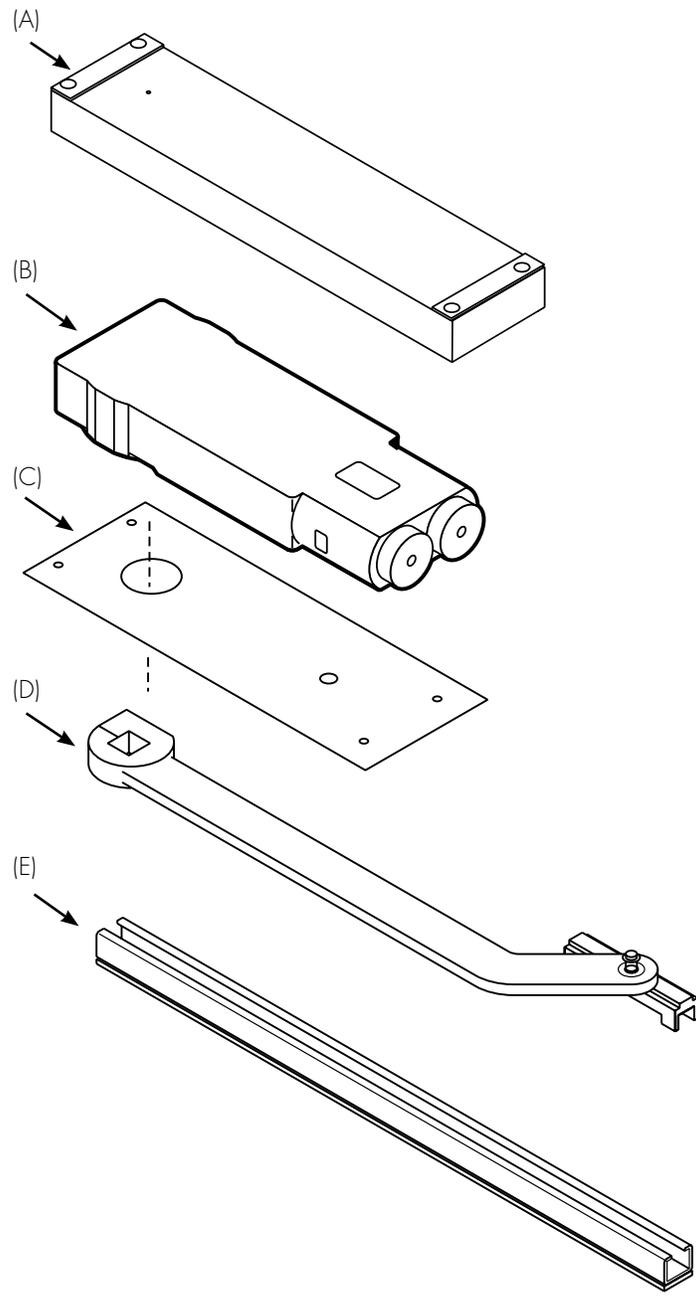
(A) Closer Mounting Kit 608019
(B) Closer Body (Specify Complete Model No. x LAP)
(E) Arm & Rail Package (sprayed finishes only) 06082012-*

Screw Kit
Screw Kit 608064

*specify finish

M0608/MW0608/W0608

(D) Arm Assembly (sprayed finishes only) 0608312-*
(E) Rail 0608109



(A) Closer Mounting Kit 608049PKG
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 6084000-*
(F) Arm & Rail Package (sprayed finishes only) 06082012-*

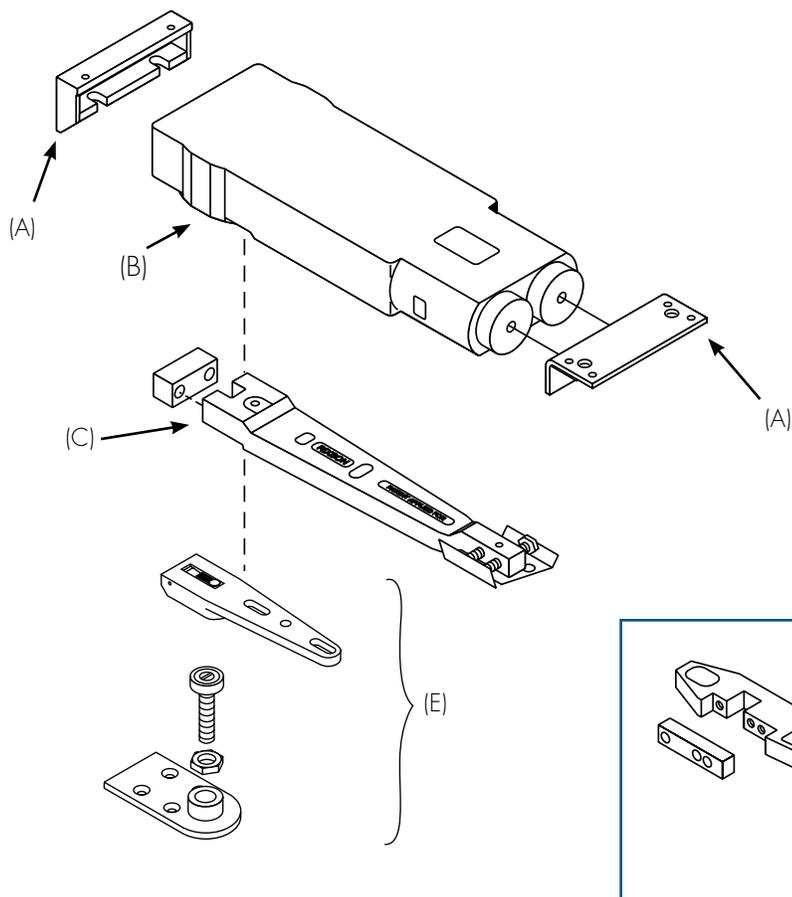
Screw Kits
Cover Plate Screw Kit 107022-*
Screw Kit 608064

*specify finish

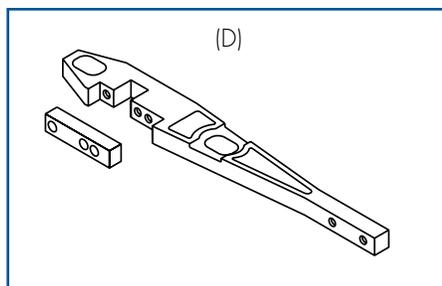
OVERHEAD CONCEALED CLOSERS

PARTS DRAWINGS

608EL/608SL



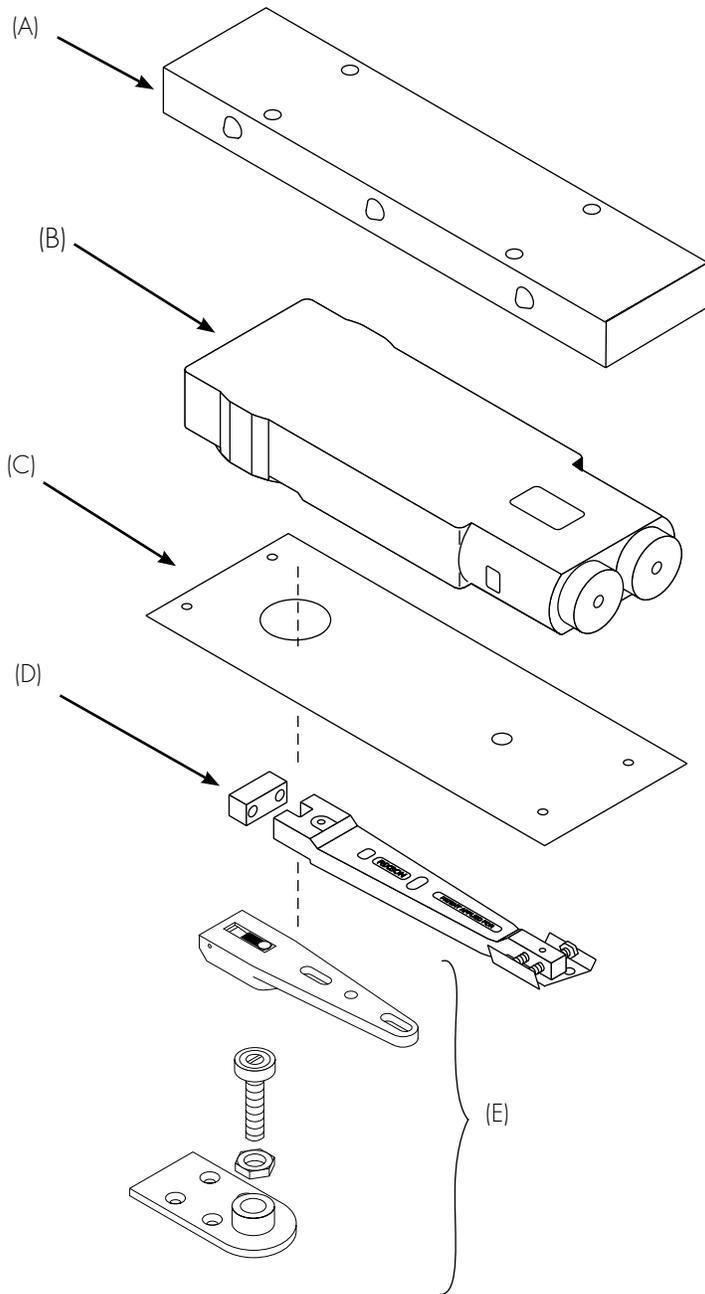
(A) Closer Mounting Kit 608019
(B) Closer Body (Specify Complete Model No. x LAP)
(C) End Load Arm Pkg 6002020
(D) Side Load Arm 608005S
(E) Bottom Pivot with Screws 608011A



Screw Kit
Arm Screw Kit (Includes arm end block) 107065
Bottom Pivot Screw Kit 107143

*specify finish

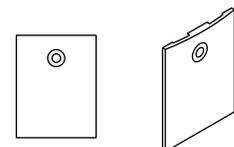
M608



(A) Closer Mounting Kit 608049PKG
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 6084000 - *
(D) Arm Package 6002020
(E) Bottom Pivot 608011A

Screw Kits
Arm Screw Kit 107065 Includes arm end block
Cover Plate Screw Kit 107022-*
Bottom Pivot Screw Kit 107143

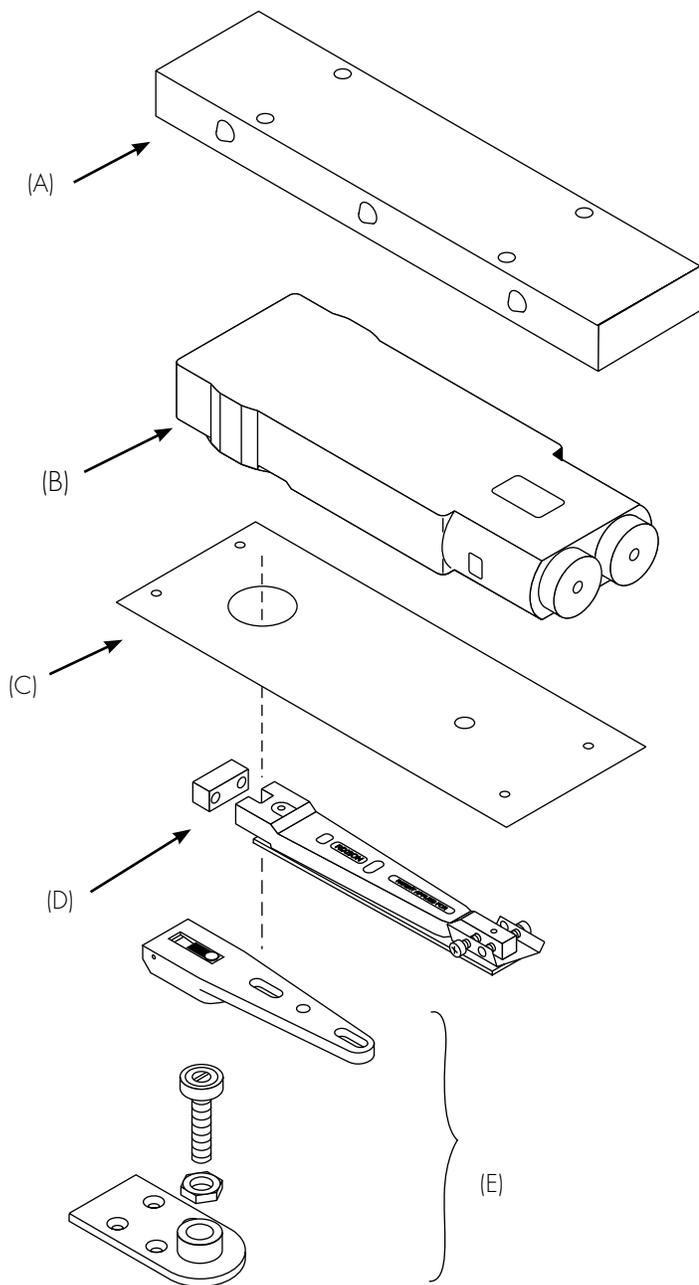
Decorative Arm Cap (contains 2 caps) 1990906- (612 and 627 only)



*specify finish

OVERHEAD CONCEALED CLOSERS PARTS DRAWINGS

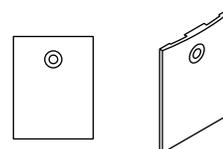
MW608/W608



(A) Closer Mounting Kit 608049PKG
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 6084000 - *
(D) Arm Package 6002021
(E) Bottom Pivot 608011A

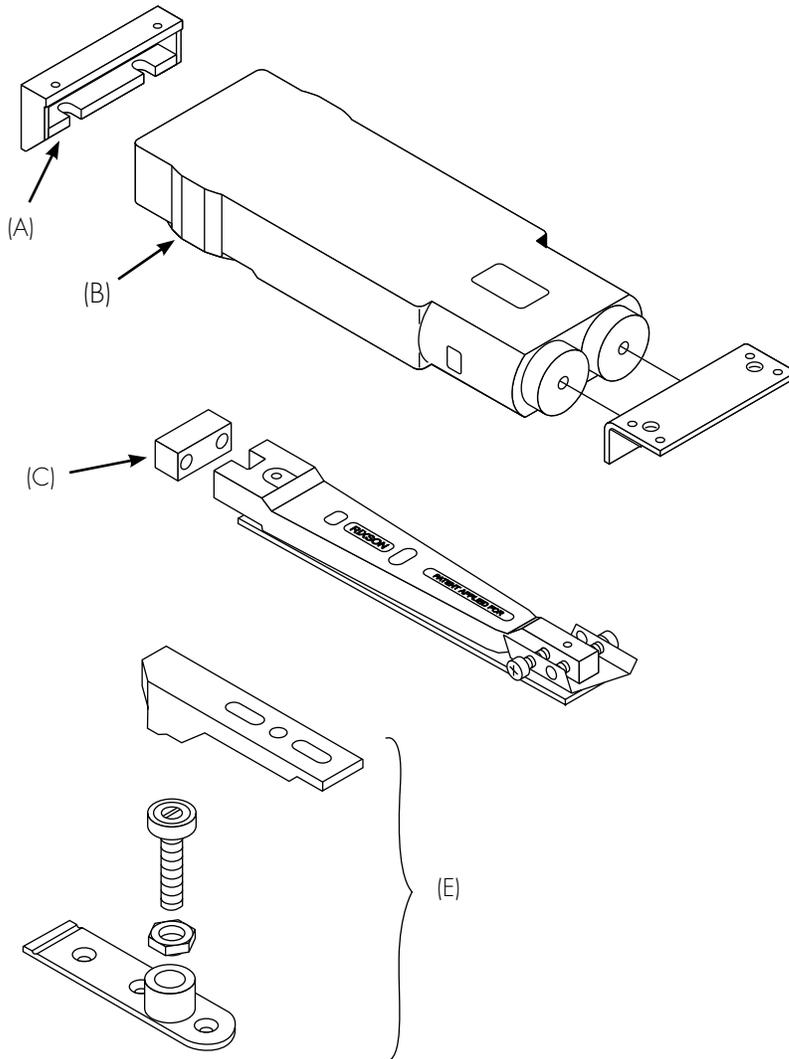
Screw Kits
Bottom Pivot Screw Kit 107143
Arm Screw Kit 107065 Includes arm end block
Cover Plate Screw Kit 107022-*

Decorative Arm Cap (contains 2 caps) 1990906- (612 and 627 only)



*specify finish

AW608



(A) Closer Mounting Kit 608019
(B) Closer Body (Specify Complete Model No. x LAP)
(C) End Load Arm Pkg 6002021
(E) Bottom Pivot with Screws 608011A

Screw Kits
Arm Screw Kit (Includes arm end block) 107065
Bottom Pivot Screw Kit 107143

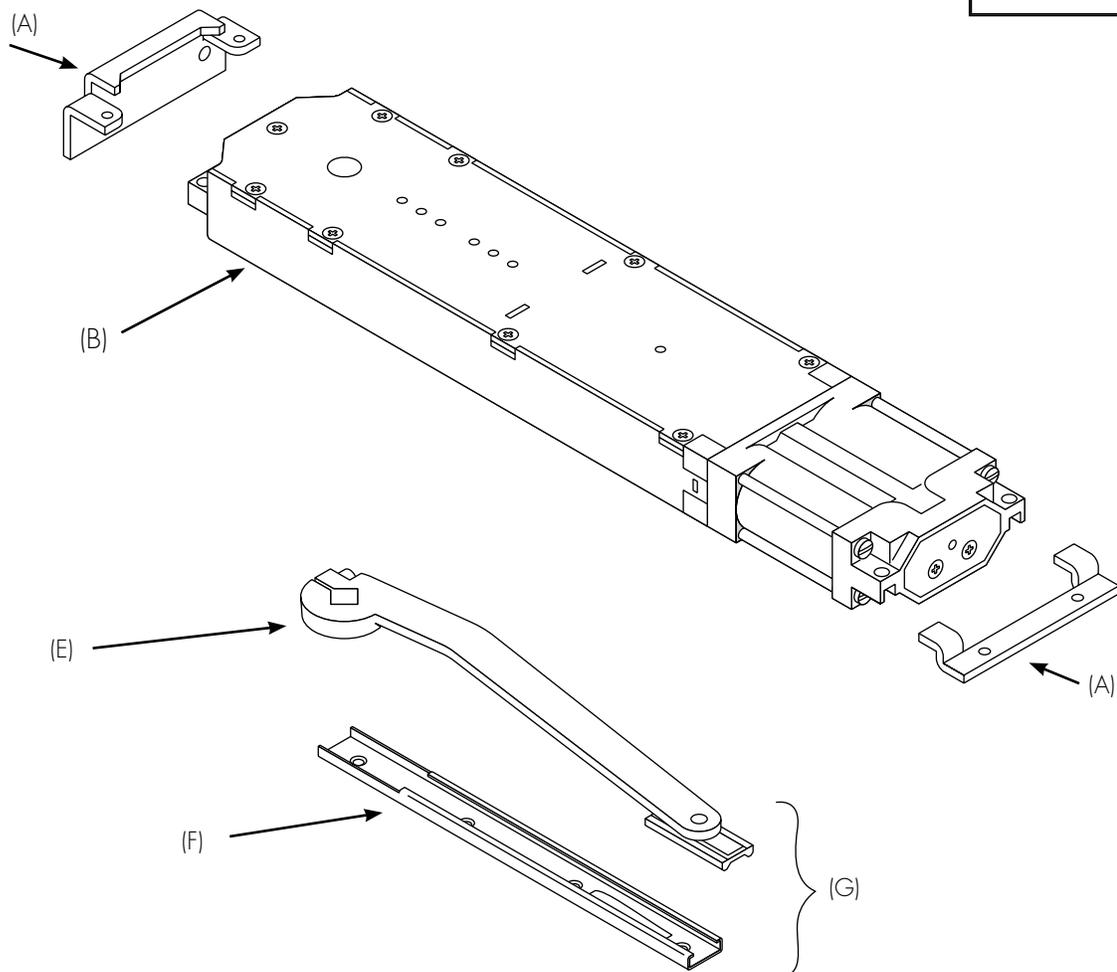
OVERHEAD CONCEALED CLOSERS

PARTS DRAWINGS

0700

(E) Arm Assembly 08002010R* (RH) 08002010L* (LH)
(F) Rail Package 08005010

(A) Attaching Bracket 1639000
(B) Closer Body (Specify Complete Model No. x LAP)
(G) Arm & Rail Package 08000012R* (RH) 08000012L* (LH)

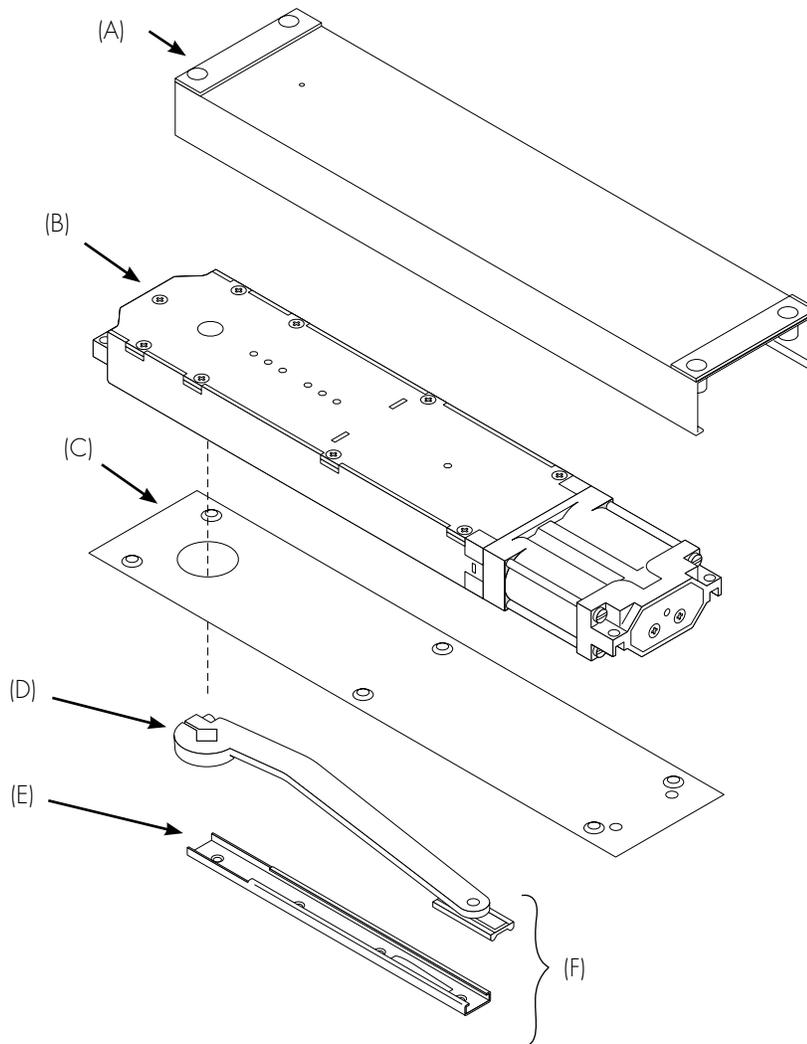


*specify finish
Right hand arm shown

M0700

(E) Rail Package 08005010
(D) Arm Assembly 08002010R* (RH) 08002010L* (LH)

(A) Closer Mounting Channel 01920910
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 7004000R* (RH) 7004000L* (LH)
(F) Arm and Rail Package 08000012R* (RH) 08000012L* (LH)



Screw Kits
Cover Plate Screw Kit 107006-*

*specify finish
Right hand arm shown

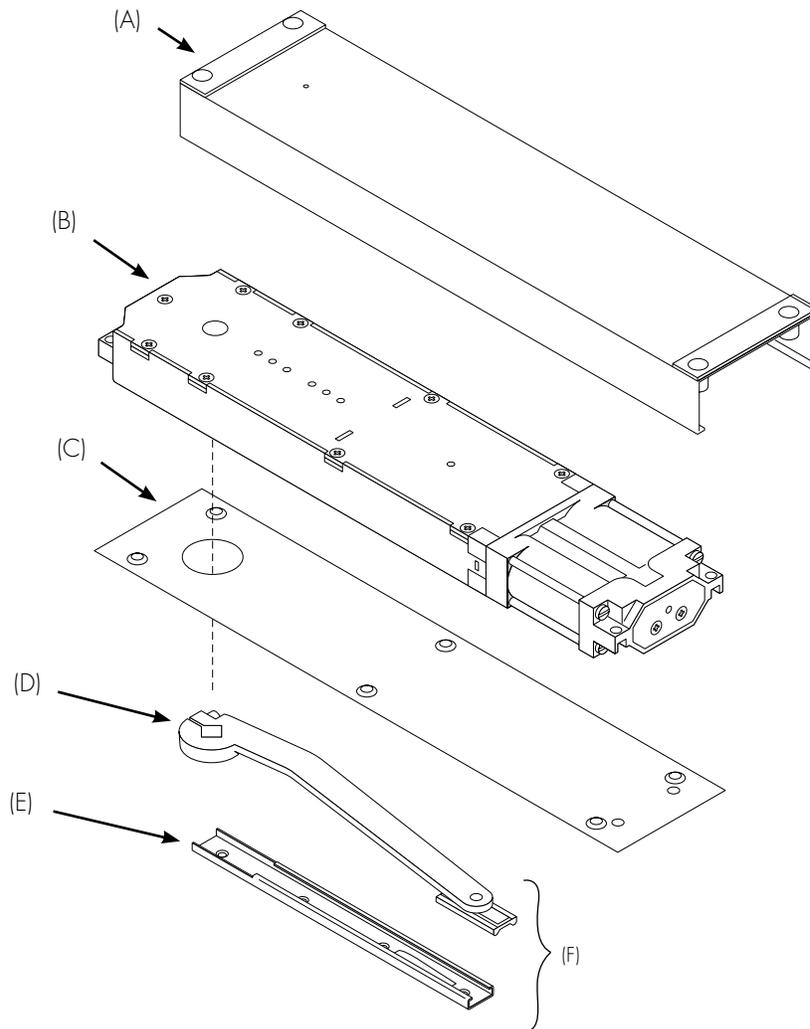
OVERHEAD CONCEALED CLOSERS

PARTS DRAWINGS

MW0700

(E) Rail Package 08005011 Includes rail & screw kit
(D) Arm Assembly 08002010R* (RH) 08002010L* (LH)

(A) Closer Mounting Channel 01920910
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 7004000R* (RH) 7004000L* (LH)
(F) Arm & Rail Package 08000011R* (RH) 08000011L* (LH)



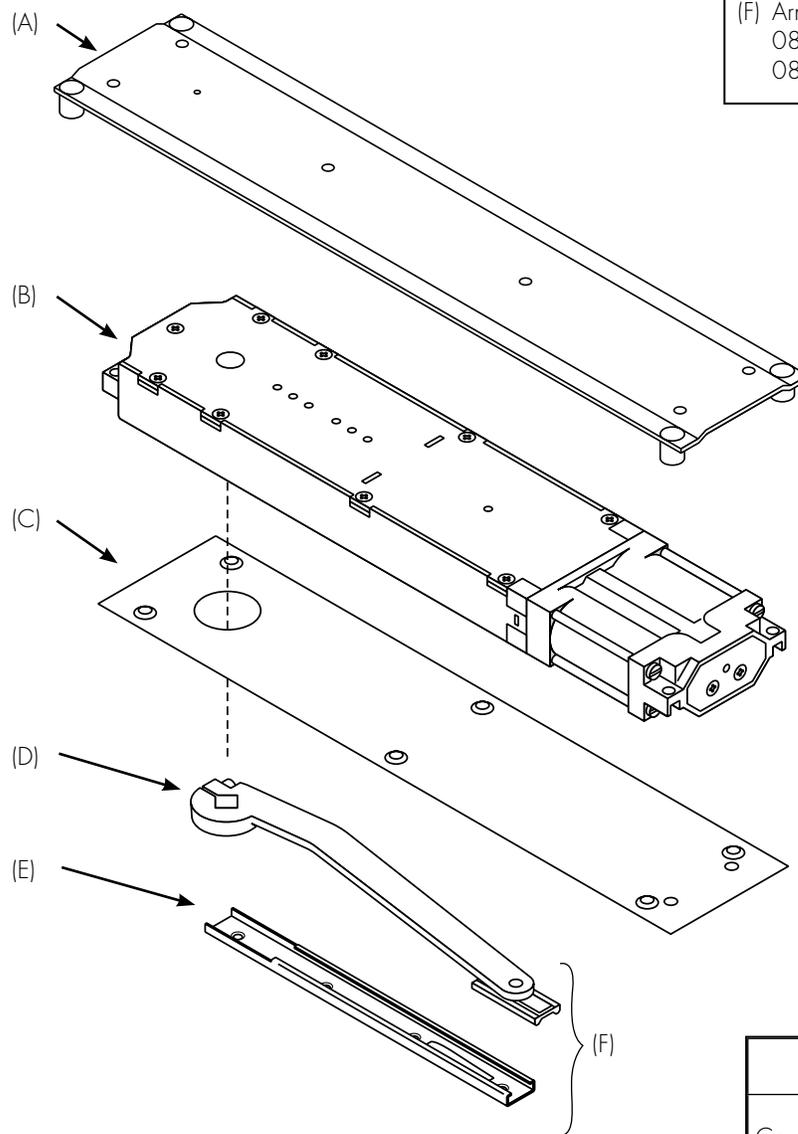
Screw Kits
Cover Plate Screw Kit 107006-*

*specify finish
Right hand arm shown

W0700

(E) Rail Package 08005011 Includes rail & screw kit
(D) Arm Assembly 08002010R* (RH) 08002010L* (LH)

(A) Closer Mounting Plate 01980910
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 004000R* (RH) 7004000L* (LH)
(F) Arm & Rail Package 08000011R* (RH) 08000011L* (LH)



Screw Kits
Cover Plate Screw Kit 107006-*

*specify finish
 Right hand arm shown

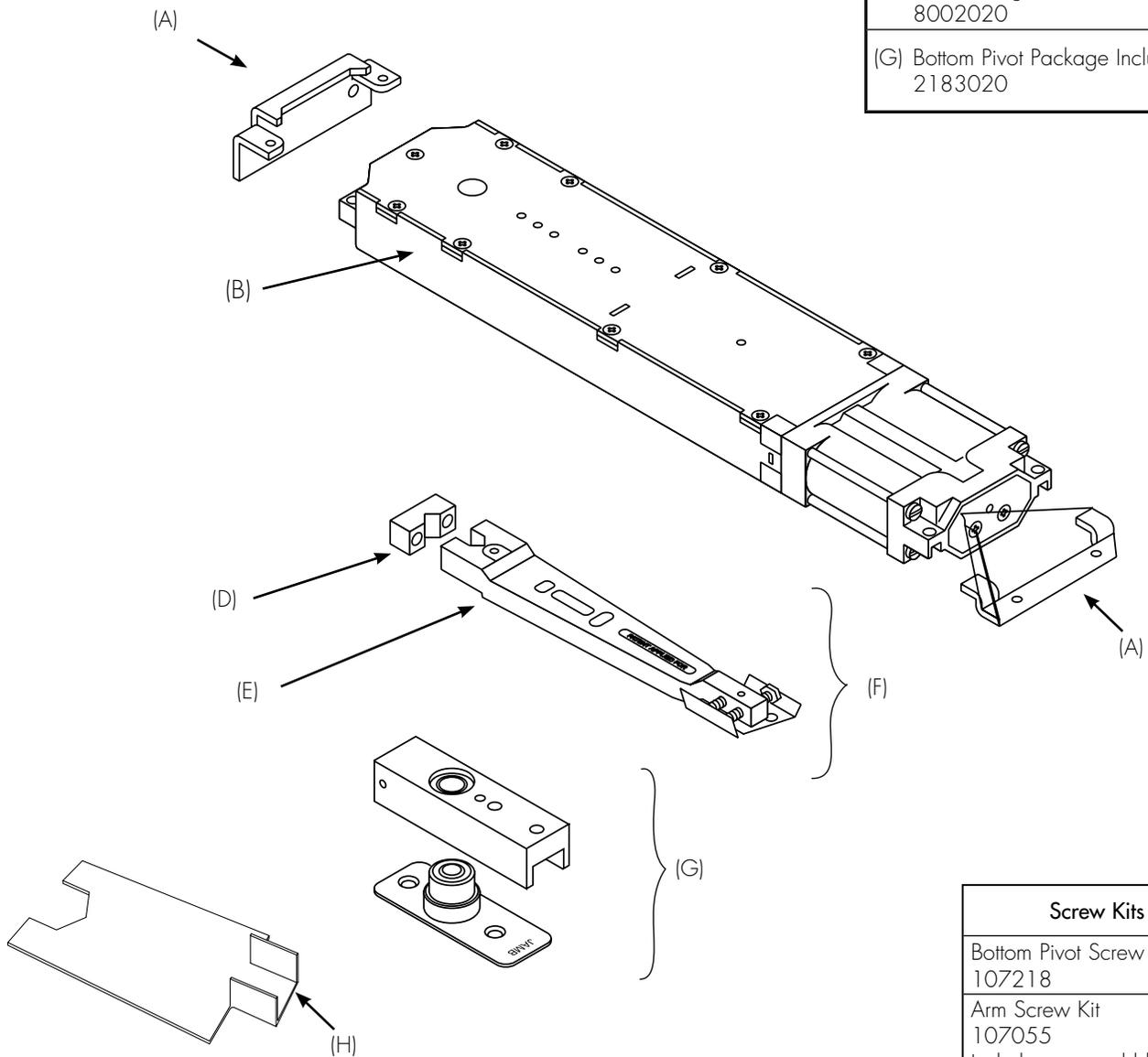
OVERHEAD CONCEALED CLOSERS

PARTS DRAWINGS

700/800

(D) Arm Block 808075-1
(E) Arm Assembly 808175

(A) Attaching Bracket 1639000
(B) Closer Body (Specify Complete Model No. x LAP)
(F) Arm Package 8002020
(G) Bottom Pivot Package Includes H 2183020



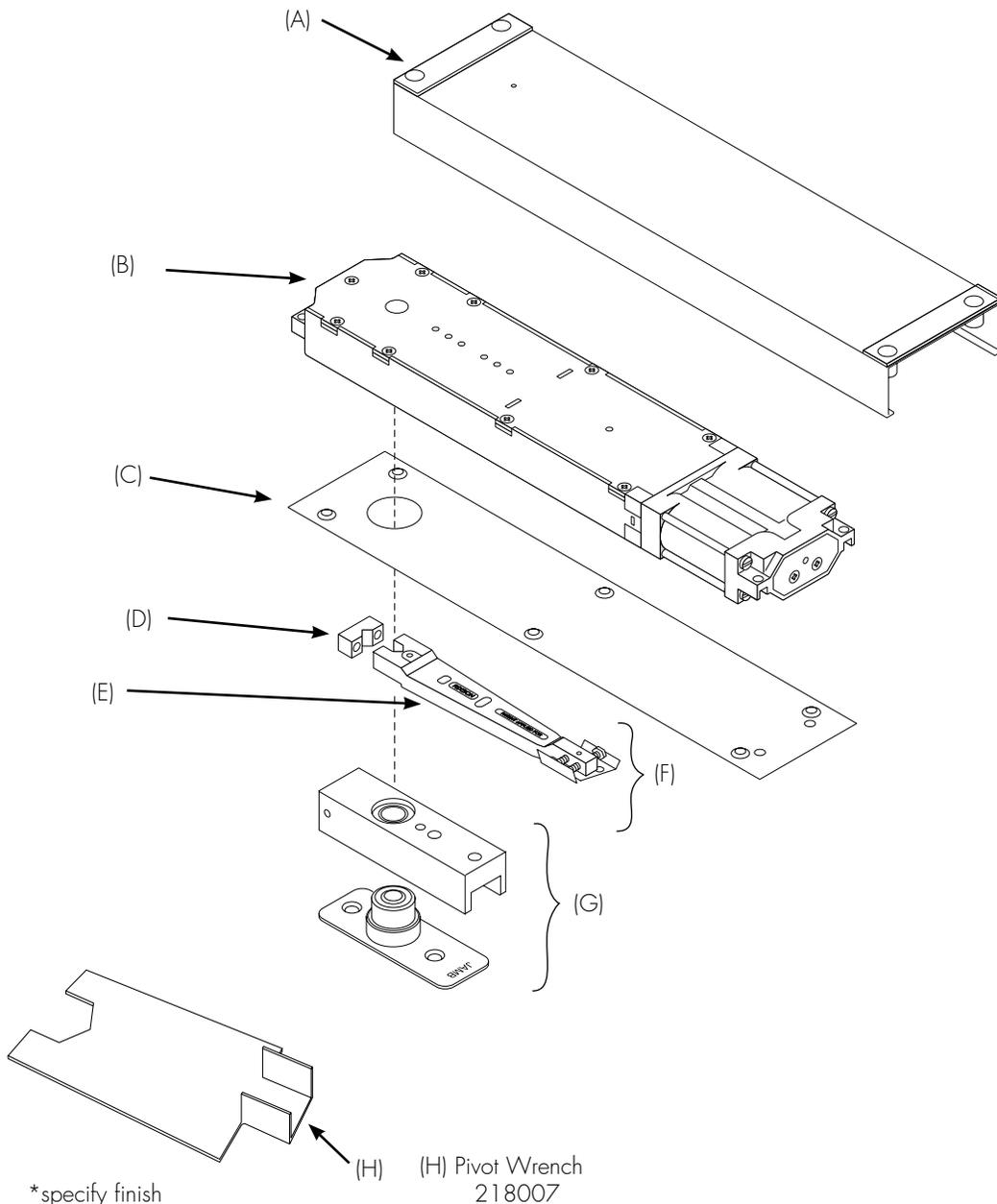
(H) Pivot Wrench
218007

Screw Kits
Bottom Pivot Screw Kit 107218
Arm Screw Kit 107055 Includes arm end block
Arm Block Screw 806018-PKG

M700/M800

(D) Arm Block 808075-1
(E) Arm Assembly 808175

(A) Closer Mounting Channel 1929000
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 700 Series 7004000R* (RH) 7004000L* (LH) 800 Series 8004000-*
(F) Arm Package 8002020
(G) Bottom Pivot Package 2183020 Includes H



Screw Kits
Bottom Pivot Screw Kit 107218
Arm Screw Kit 107055 Includes arm end block
Arm Block Screw 806018-PKG
Cover Plate Screw Kit 107006-*

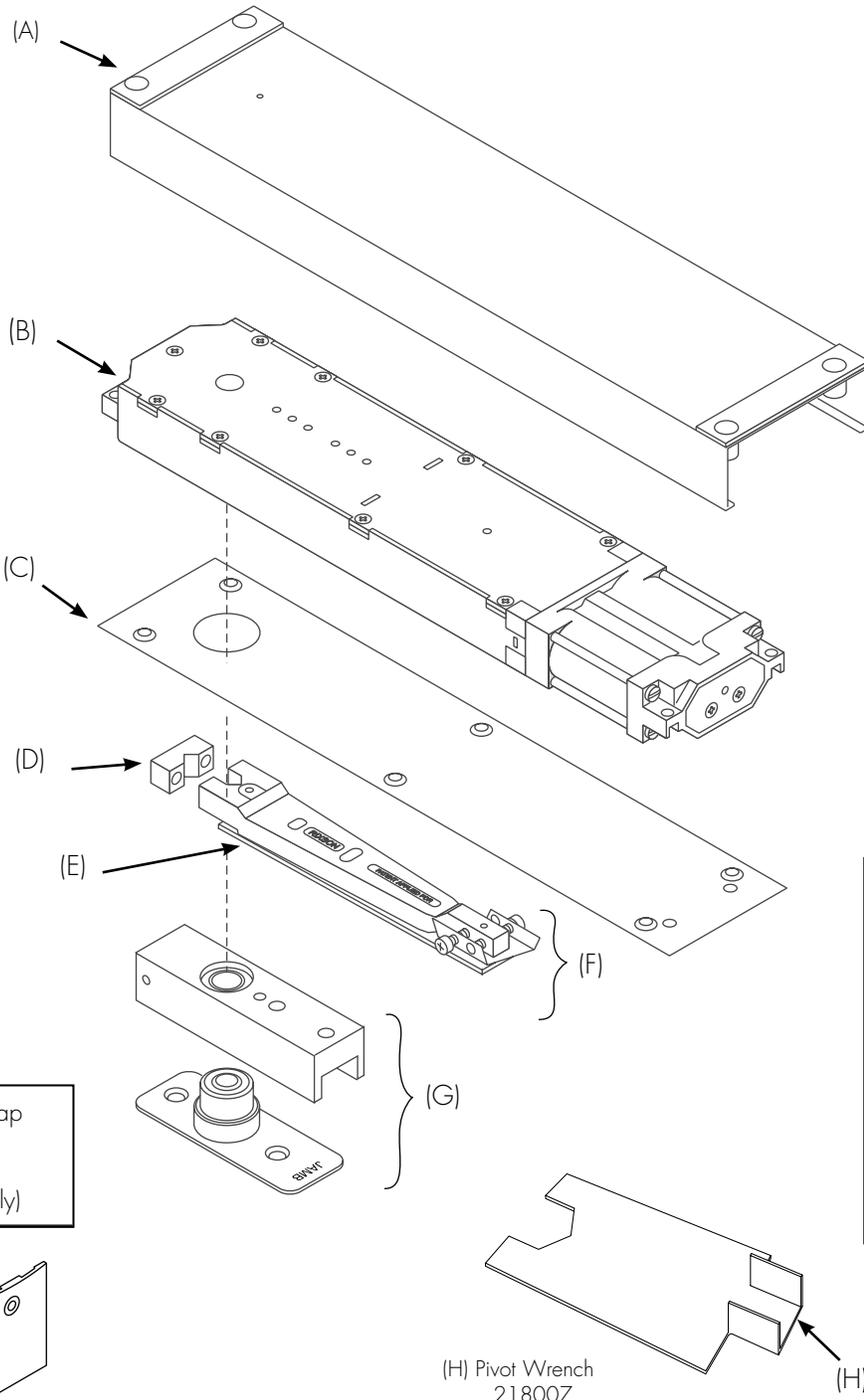
OVERHEAD CONCEALED CLOSERS

PARTS DRAWINGS

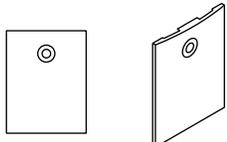
MW700/MW800

(D) Arm Block 808075-1
(E) Arm Assy 808174

(A) Closer Mounting Channel 1929000
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 700 Series 7004000R* (RH) 7004000L* (LH) 800 Series 8004000-*
(F) Arm Package 8002021
(G) Bottom Pivot Includes H 2183020



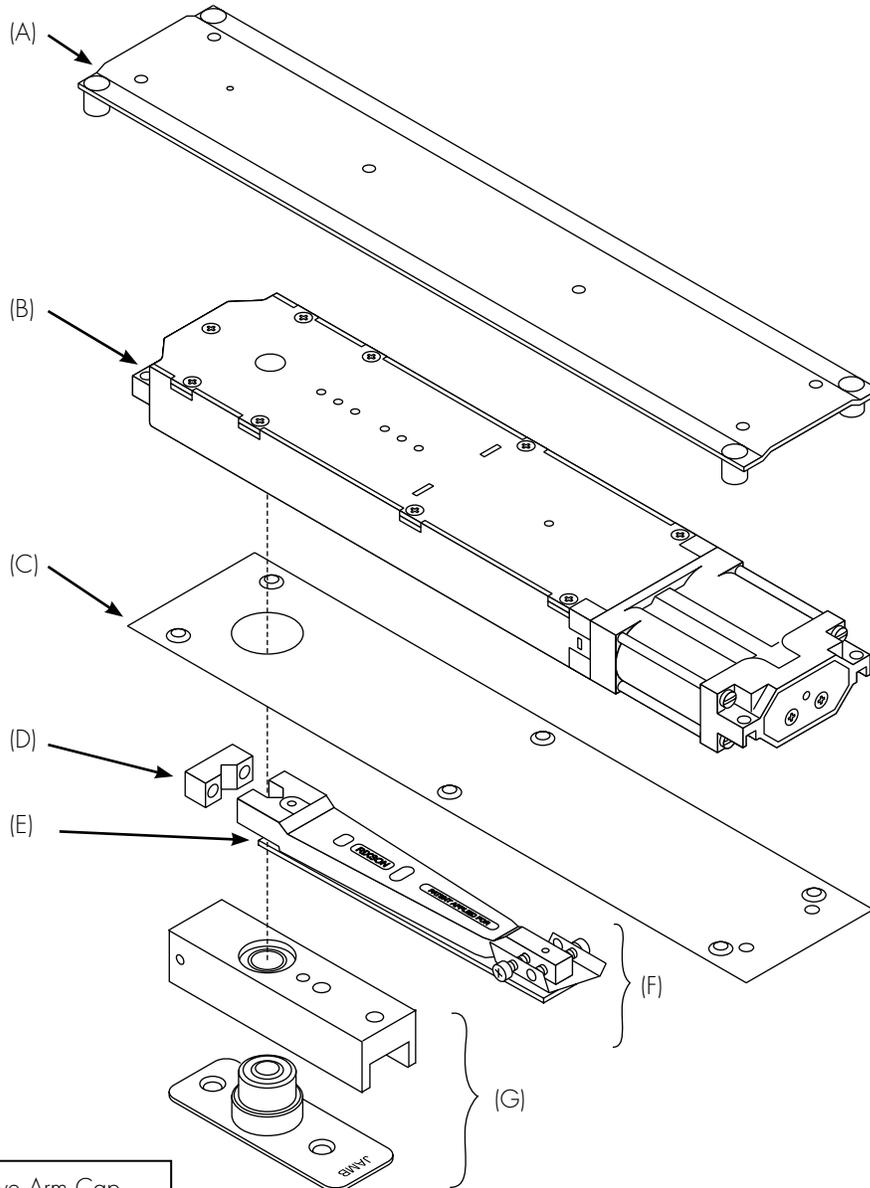
Decorative Arm Cap (contains 2 caps) 1990906-*
(612 and 627 only)



Screw Kits
Bottom Pivot Screw Kit 107218
Arm Screw Kit 107055 Includes arm end block
Arm Block Screw 806018-PKG
Cover Plate Screw Kit 107006-*

*specify finish

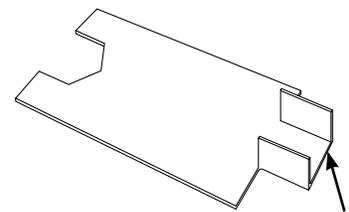
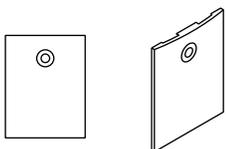
W700/W800



(A) Closer Mounting Channel 1980910
(B) Closer Body (Specify Complete Model No. x LAP)
(C) Cover Plate 7004000R* (RH) 7004000L* (LH)
(D) Arm Block 808075-1
(E) Arm Assembly 808174
(F) Arm Package 8002021
(G) Bottom Pivot Includes H 2183020

Screw Kits
Bottom Pivot Screw Kit 107218
Arm Screw Kit 107055 Includes arm end block
Arm Block Screw 806018-PKG
Cover Plate Screw Kit 107006-*

Decorative Arm Cap
(contains 2 caps)
1990906-
(612 and 627 only)



(H) Pivot Wrench
218007

*specify finish

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