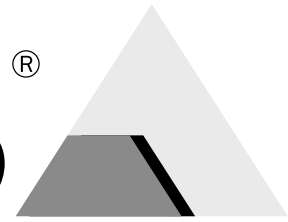


**MOOG**

Videolarm for

**AXIS**<sup>®</sup>

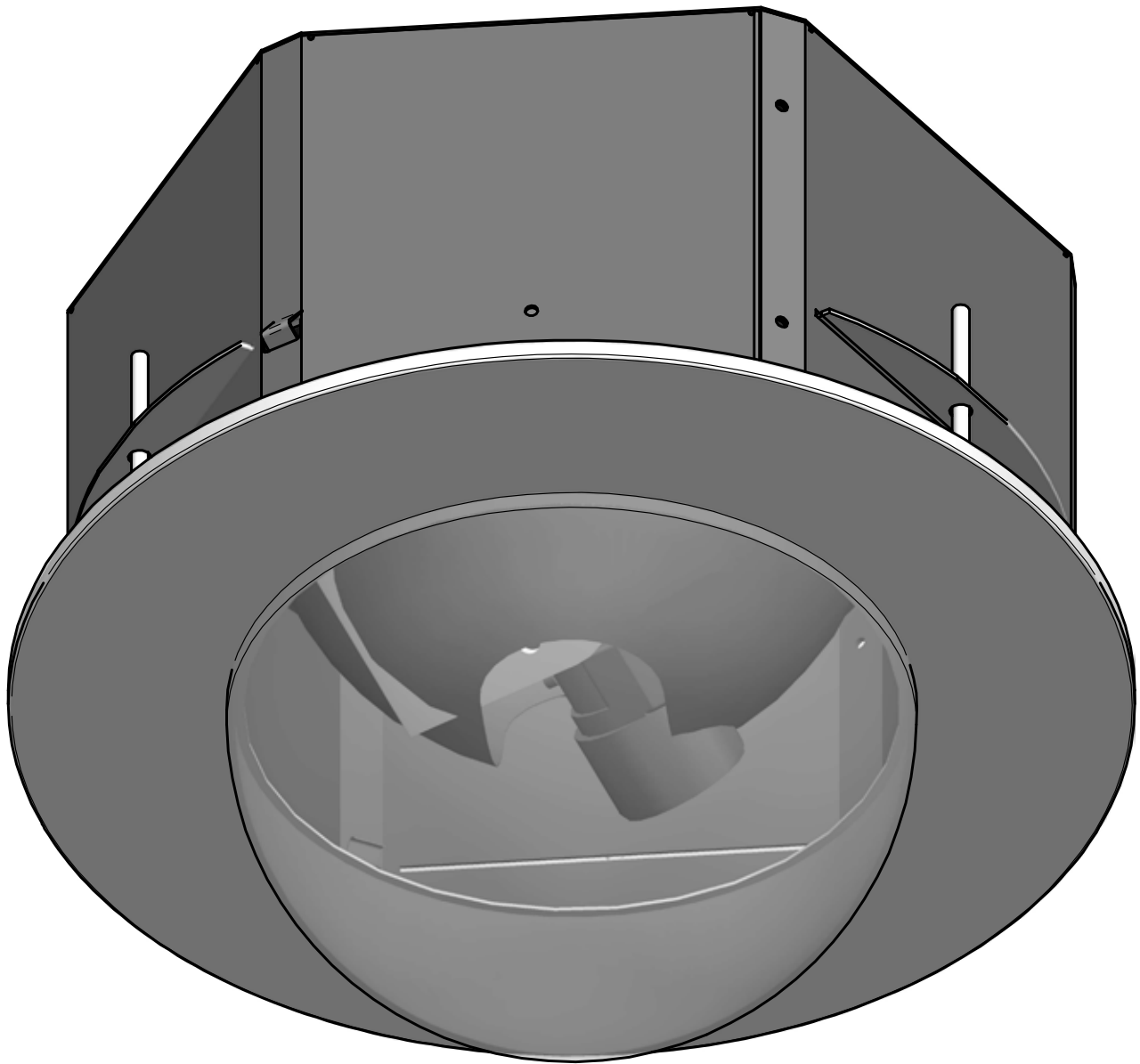
**COMMUNICATIONS**



**PRODUCT INSTRUCTIONS**

MODEL:

21898



Before attempting to connect or operate this product,  
please read these instructions completely.

81-IN6217R3

## IMPORTANT SAFEGUARDS

1. Read Instructions - All the safety and operating instructions should be read before the unit is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the unit and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and user instructions should be followed.
5. Electrical Connections - Only a qualified electrician should make electrical connections.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Cable Runs - All cable runs must be within permissible distance.
8. Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit. Accordingly:
  - a. The installation should be made by a qualified installer.
  - b. The installation should be in compliance with local codes.
  - c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit. Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

## DOME/HOUSING/ELECTRICAL COMPONENT

### WARRANTY INFORMATION

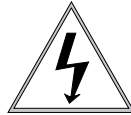
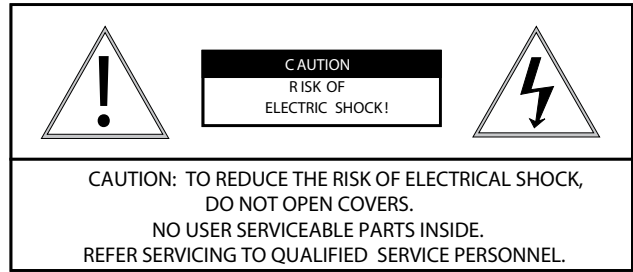
Axis, Incorporated warrants that its domes and housing sold here under shall be fit for the ordinary purpose for which said products are intended and shall be free from defects in material and workmanship for a period of three years from date of sale to buyer. Note that all electrical components will be warranted for a period of three years from date of sale to buyer. Axis makes no other warranty of any kind with respect to this product, whether expressed or implied, including, without limitation, the implied warranty of fitness for a particular purpose.

In the event of a breach of the above warranty, Axis shall, at its option, repair or replace said product. This is Axis's sole obligation under this warranty. In no event shall Axis be liable for any incidental or consequential damages, as defined in section 2-715 of the Uniform Commercial Code by a breach of this warranty.

Axis shall repair or replace defective products upon shipment of products returned prepaid to Axis.

Repairs made necessary by reason of accident, misuse or normal wear shall be charged at Axis's standard rate. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## SAFETY PRECAUTIONS



The lightning flash with an arrowhead symbol, with in an equilateral triangle, is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point with in an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## UNPACKING

Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.

Be sure to save:

1. The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.
2. These Installation and Operating Instructions.

## SERVICE

If the unit ever needs repair service, the customer should contact Axis (1-800-444-2947) for authorization to return and shipping instructions.

## TECHNICAL SUPPORT

If technical support is needed, Axis has set-up a technical support line for their customers.

**AXIS TECHNICAL SUPPORT**

**1-800- 444-2947**



## Electrical Specifications

21898



English

Power 24VAC  
Class 2 Power Supply Only  
Tools Required: Phillips Head Screwdriver  
Ceiling Support Wires(18-24 Gauge Wire)



Español

Energía 24VAC  
Fuente De Alimentación De la Clase 2  
Solamente  
Herramientas Requeridas: Destornillador  
Principal Phillips  
Alambre De la Galga De la Ayuda  
Wires(18-24 Del Techo)



Français

Puissance 24VAC  
Alimentation D'Énergie De la Classe 2  
Seulement.  
Outils Requis : Tournevis Principal Phillips  
Fil De Mesure De Soutien Wires  
(18-24 De Plafond)



Deutsch

Energie 24VAC  
Nur Kategorie 2 Spg.Versorgungsteil  
Werkzeuge Erfordert:  
Kreuzkopfhauptschraubenzieher  
Decke Unterstützungswires  
(18-24 Lehre Leitung)



Portuguese

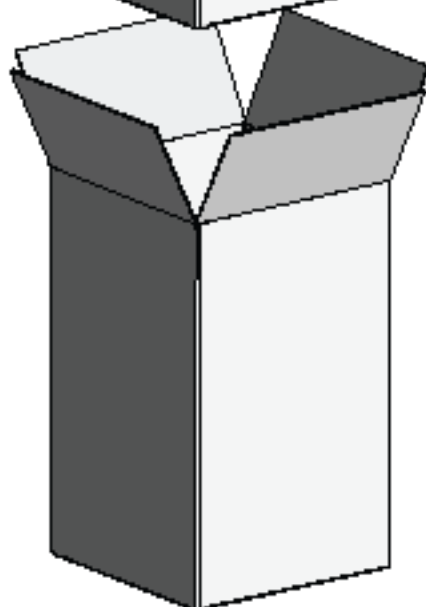
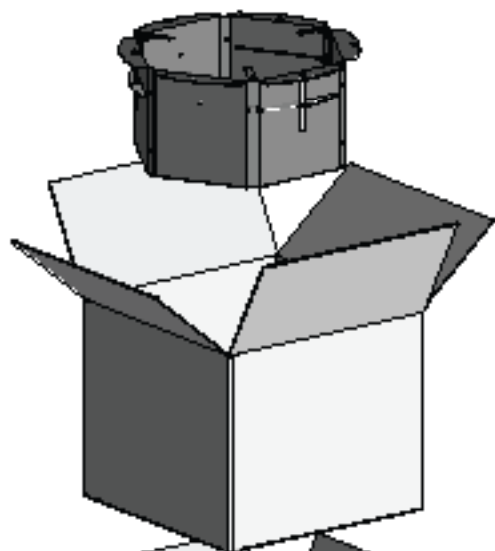
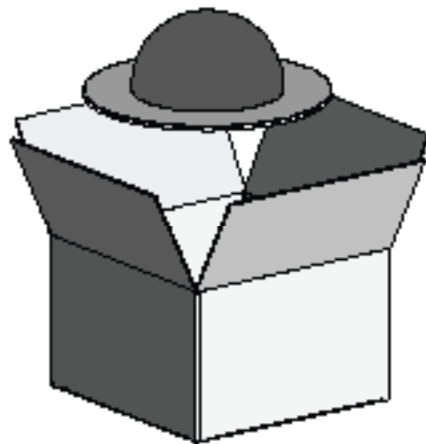
Poder 24VAC  
Fonte De Alimentação Da Classe 2 Somente  
Ferramentas Requeridas: Chave de fenda  
Principal Phillips  
Fio Do Calibre Da Sustentação  
Wires(18-24 Do Teto)



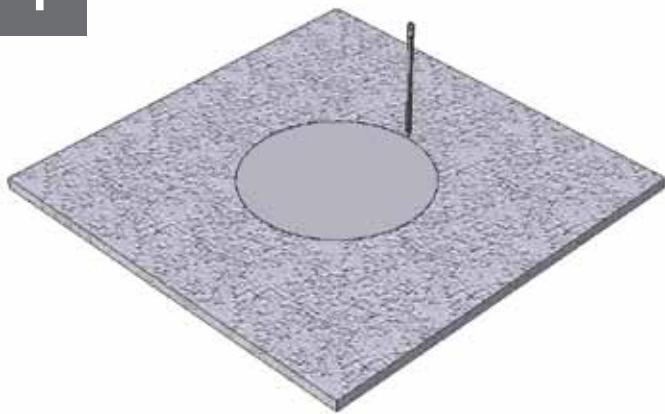
Italiano

Alimentazione 24VAC  
Gruppo di alimentazione Del Codice  
categoria 2 Soltanto  
Gli Attrezzi Hanno richiesto: Cacciavite  
Capo "phillips"  
Legare Del Calibro Di Sostegno  
Wires(18-24 Del Soffitto)

## Content of Box



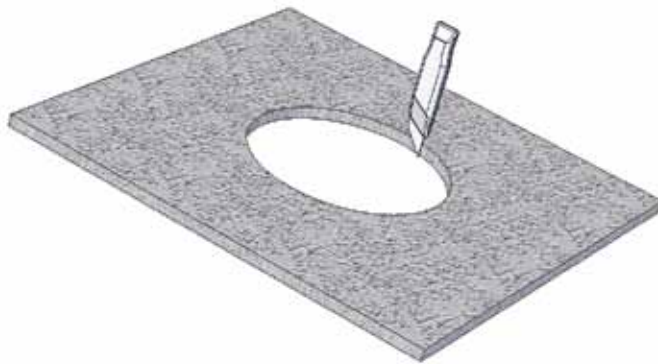
1



Using the provided template, mark the ceiling tile for the cutout.

- Con la plantilla proporcionada, cortar el azulejo del techo para el agujero.
- En utilisant le calibre fourni, marquez la tuile de plafond pour le coupe-circuit.
- Mit der zur Verfügung gestellten Schablone kennzeichnen Sie die Decke Fliese für den Ausschnitt.
- Usando o molde fornecido, marque a telha do teto para o entalhe.
- Usando la mascherina fornita, contrassegni le mattonelle del soffitto per il ritaglio.

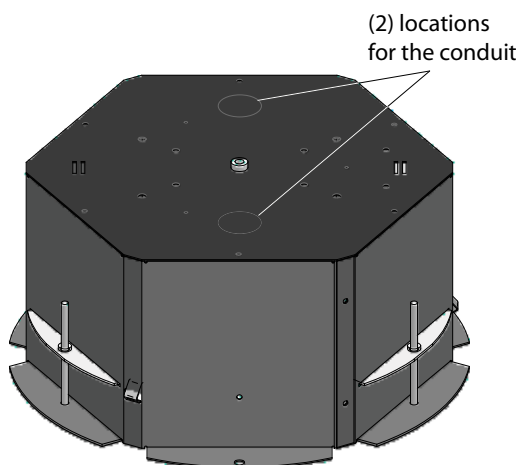
2



A box cutter or jigsaw can be used for cutting the circle.

- Un cortador o un rompecabezas de la caja se puede utilizar para cortar el círculo.
- Un coupeur ou une scie sauteuse de boîte peut être utilisé pour couper le cercle.
- Ein Kastenscherblock oder -tischlerbandsäge können für den Schnitt des Kreises benutzt werden.
- Um cortador ou um jigsaw da caixa podem ser usados cortando o círculo.
- Una taglierina o un jigsaw della scatola può essere utilizzato per il taglio del cerchio.

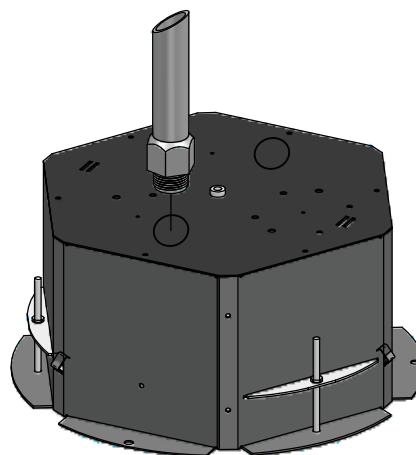
3



Remove the desired conduit knock-out from the top of the housing.

- Quite la maravilla deseada del conducto de la tapa de la cubierta.
- Enlevez l'éjecteur désiré de conduit du dessus du logement.
- Entfernen Sie den gewünschten Rohr Knock-out von der Oberseite des Gehäuses.
- Remova o knock-out desejado da canalização do alto da carcaça.
- Rimuova l'espulsore voluto del condotto dalla parte superiore dell'alloggiamento.

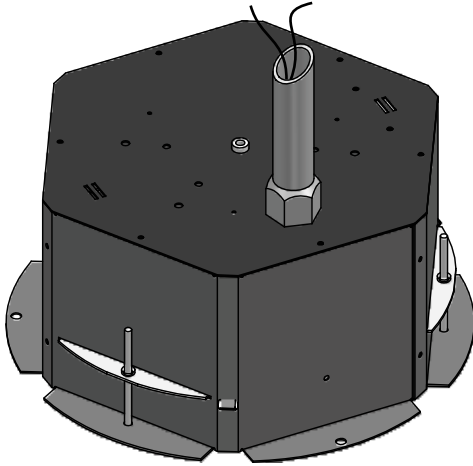
4



Fit the flex conduit or 'L' conduit into the desired hole.

- Quepa el conducto o el 'L' conduit de la flexión en el agujero deseado.
- Adaptez le conduit ou le 'L' conduit de câble dans le trou désiré.
- Passen Sie das Flexrohr oder das 'L' conduit in die gewünschte Bohrung.
- Caiba a canalização do cabo flexível ou o 'L' conduit no furo desejado.
- Misura il condotto della flessione o il 'L' conduit nel foro voluto.

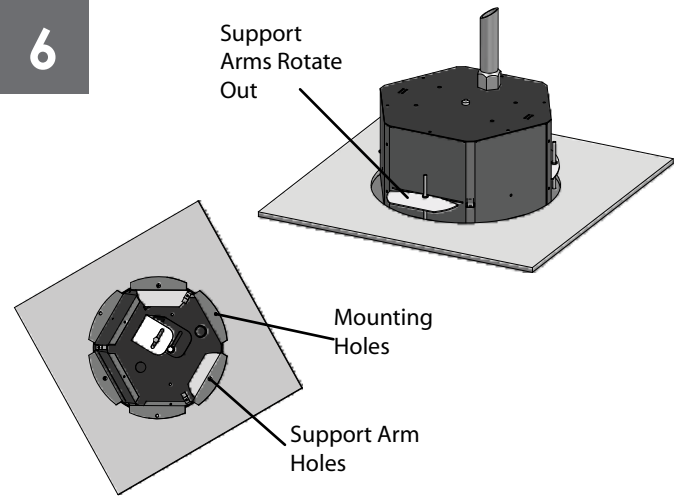
5



**Run electrical cable into the housing through the conduit.**

- Funcione el cable eléctrico en la cubierta a través del conducto.
- Courez le câble électrique dans le logement par le conduit.
- Lassen Sie elektrisches Kabel in das Gehäuse durch das Rohr laufen.
- Funcione o cabo elétrico na carcaça através da canalização.
- Faccia funzionare il cavo elettrico nell'alloggiamento tramite il condotto.

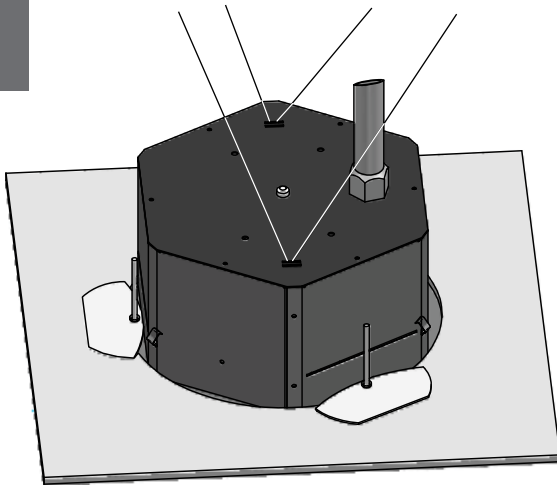
6



**With the bottom flange pressed against the ceiling, rotate support arms to the outside. Tighten the support arm screws.**

- Con el fondo el reborde presionó contra el techo, rota los brazos de ayuda al exterior. Apriete los tornillos del brazo de ayuda.
- Avec le fond la bride a serré contre le plafond, tourment des bras de soutien jusqu'à l'extérieur. Serrez les vis de bras de soutien.
- Mit Unterseite betätigte sich der Flansch gegen die Decke, drehen Lagerarme zur Außenseite. Ziehen Sie die Lagerarmschrauben fest.
- Com fundo a flange pressionou de encontro ao teto, gira os braços de sustentação à parte externa. Aperte os parafusos do braço de sustentação.
- Con la parte inferiore la flangia ha premuto contro il soffitto, ruota l'armi di sostegno alla parte esterna. Stringa le viti del braccio di sostegno.

7

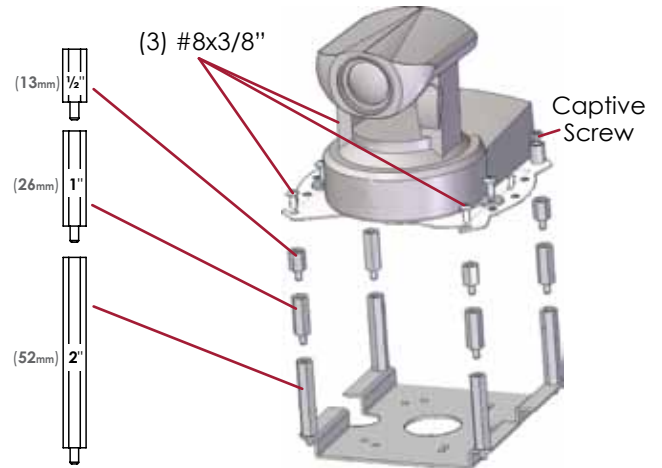
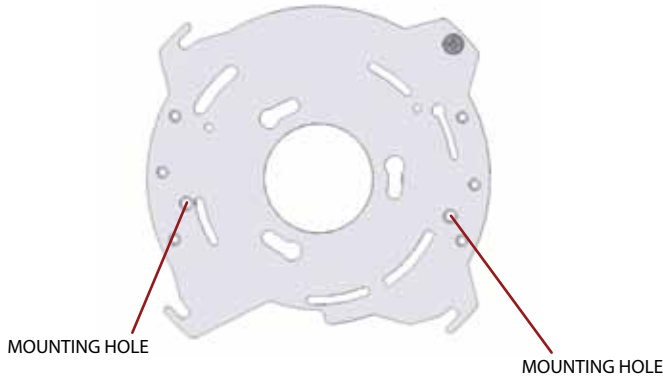


**If required, secure housing by running bolts in the bottom flange and support wires from a solid structure.**

- Si está requerido, asegure los pernos del funcionamiento de la cubierta en el reborde inferior y apoye los alambres de una estructura sólida.
- S'il y a lieu, fixez les boulons de course de logement dans la bride inférieure et soutenez les fils d'une structure pleine.
- Wenn erforderlich sichern Sie Gehäusedurchlaufschaubolzen im unteren Flansch und stützen Sie Leitungen von einer festen Struktur.
- Se requerido, fixe os parafusos do funcionamento da carcaça na flange inferior e suporte fios de uma estrutura contínua.
- A richiesta, assicuri i bulloni di funzionamento dell'alloggiamento nella flangia inferiore e sostenga i legare da una struttura solida.

## 8 Axis 213

### Mounting Plate

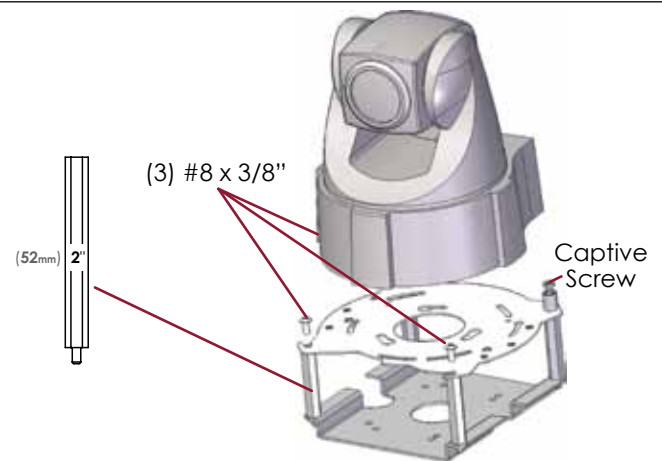
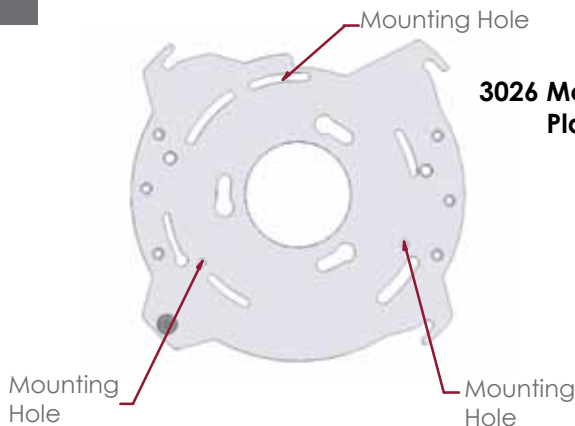


Install the camera to the mounting plate with (2) #10 screws and lock washers provided. Place (3) #8x3/8" screws on the spacers and align the mounting slots. Slide on plate and camera then secure.

- Instale la cámara fotográfica a la placa de montaje con (2) los tornillos #10 y las arandelas de cerradura proporcionadas. Coloque los tornillos de (3) del # 8x3/8" en los espaciadores y alinee las ranuras de montaje. Resbale en la placa y la cámara fotográfica entonces seguras.
- Installez l'appareil-photo sur le plat de support avec (2) les vis #10 et les rondelles de freinage fournies. Placez les vis de (3) # de 8x3/8" sur les entretoises et alignez les fentes de support. Glissez du plat et de l'appareil-photo puis bloqués.
- Bringen Sie die Kamera zur Montageplatte mit (2) den bereitgestellten Schrauben #10 und Federringen an. Setzen Sie (3) # 8x3/8" die Schrauben auf die Distanzscheiben und richten Sie die Befestigungsschlitze aus. Schieben Sie auf die sichere Platte und Kamera dann.
- Instale a câmera à placa de montagem com (2) os parafusos #10 e as arruelas de fechamento fornecidas. Coloque os parafusos de (3) # de 8x3/8" nos espaçadores e alinhe os entalhes de montagem. Deslize na placa e na câmara então seguras.
- Installi la macchina fotografica al giunto di supporto con (2) le viti #10 e le ranelle di bloccaggio fornite. Disponga le viti di 8x3/8" # di (3) sui distanziatori ed allinei le scanalature di montaggio. Faccia scorrere sulla piastra e sulla macchina fotografica allora sicure.

## 9 Axis 214

### 3026 Mounting Plate

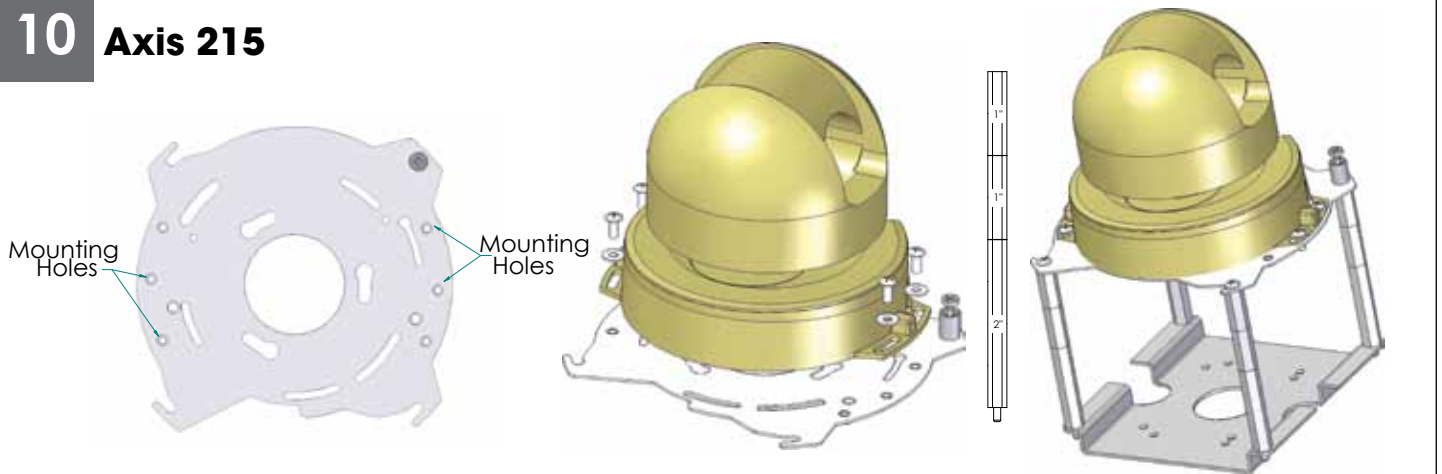


Install the camera to the mounting plate using (3) 3mm x 12mm bolts and lock washers. Place (3) #8x3/8" screws on the spacers and line up the mounting slots. Slide plate in and secure.

- Instale la cámara fotográfica a la placa de montaje usando (3) los pernos de 3m m x de 12m m y las arandelas de cerradura. Coloque los tornillos de (3) del # 8x3/8" en los espaciadores y alinee las ranuras de montaje. Resbale la placa adentro y asegúrela.
- Installez l'appareil-photo sur le plat de support en utilisant (3) des boulons de 3mm x de 12mm et des rondelles de freinage. Placez les vis de (3) # de 8x3/8" sur les entretoises et alignez les fentes de support. Glissez le plat dedans et le fixez.
- Bringen Sie die Kamera zur Montageplatte mit (3) 3mm x 12mm den Schraubbolzen und den Federringen an. Setzen Sie (3) # 8x3/8" die Schrauben auf die Distanzscheiben und richten Sie die Befestigungsschlitze aus. Schieben Sie Platte innen und sichern Sie.
- Instale a câmera à placa de montagem usando (3) os parafusos de 3mm x de 12mm e as arruelas de fechamento. Coloque os parafusos de (3) # de 8x3/8" nos espaçadores e alinhe-os acima dos entalhes de montagem. Deslize a placa dentro e fixe-a.
- Installi la macchina fotografica al giunto di supporto usando (3) i bulloni di 12mm x di 3mm e le ranelle di bloccaggio. Disponga le viti di 8x3/8" # di (3) sui distanziatori ed allinei le scanalature di montaggio. Faccia scorrere la piastra dentro e fissi.



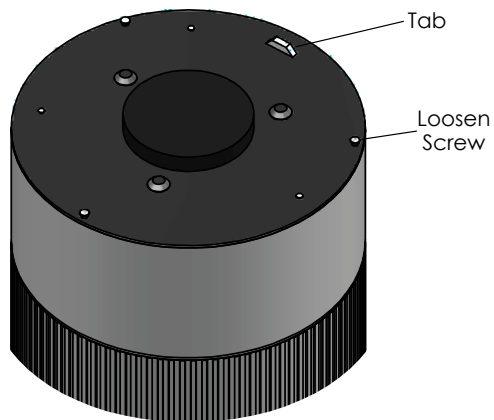
## 10 Axis 215



**Install the camera to the mounting plate with (4) #8 screws and lock washers provided. Place (3) #8x3/8" screws on the spacers and align the mounting slots. Slide on plate and camera then secure.**

- Instale la cámara fotográfica a la placa de montaje con (4) los tornillos #8 y las arandelas de cerradura proporcionadas. Coloque los tornillos de (3) del # 8x3/8" en los espaciadores y alinee las ranuras de montaje. Resbale en la placa y la cámara fotográfica entonces seguras.
- Installez l'appareil-photo sur le plat de support avec (4) les vis #8 et les rondelles de freinage fournies. Placez les vis de (3) # de 8x3/8" sur les entretoises et alignez les fentes de support. Glissez du plat et de l'appareil-photo puis bloqués.
- Bringen Sie die Kamera zur Montageplatte mit (4) den bereitgestellten Schrauben #8 und Federringen an. Setzen Sie (3) # 8x3/8" die Schrauben auf die Distanzscheiben und richten Sie die Befestigungsschlitze aus. Schieben Sie auf die sichere Platte und Kamera dann.
- Instale a câmera à placa de montagem com (4) os parafusos #8 e as arruelas de fechamento fornecidas. Coloque os parafusos de (3) # de 8x3/8" nos espaçadores e alinhe os entalhes de montagem. Deslize na placa e na câmara então seguras.
- Installi la macchina fotografica al giunto di supporto con (4) le viti #8 e le ranelle di bloccaggio fornite. Disponga le viti di 8x3/8" # di (3) sui distanziatori ed allinei le scanalature di montaggio. Faccia scorrere sulla piastra e sulla macchina fotografica allora sicure.

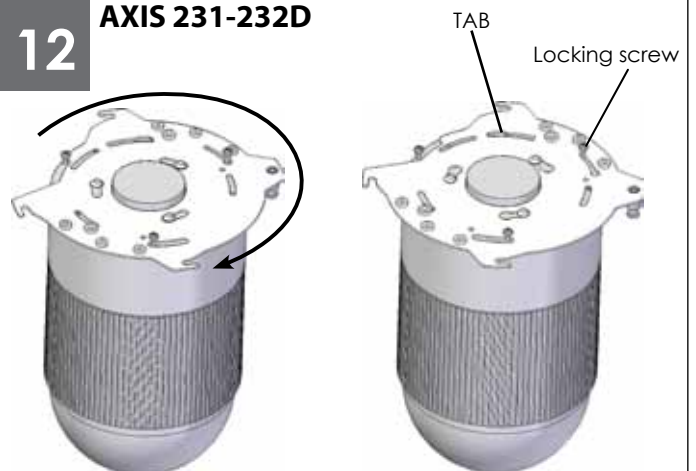
## 11 AXIS 231-232D



**Loosen the screw to the right of the tab by approximately (5) turns.**

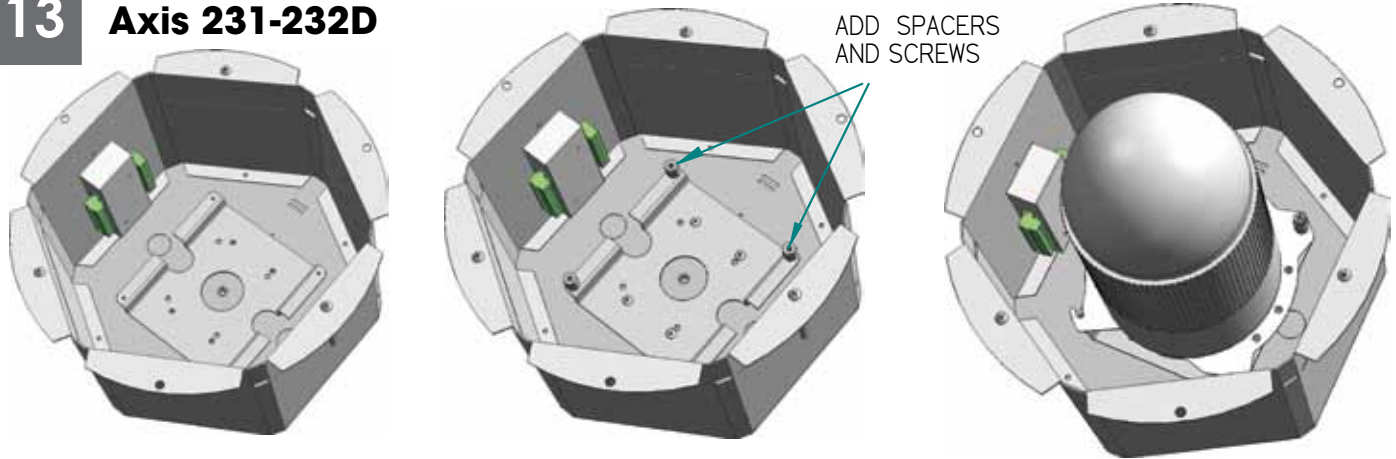
- Afloje el tornillo a la derecha de la lengüeta aproximadamente (5) vueltas.
- Desserrez la vis à la droite de l'étiquette approximativement (5) aux tours.
- Lösen Sie die Schraube auf der rechten Seite des Vorsprunges durch ungefähr (5) Umdrehungen.
- Afrouxe o parafuso à direita da aba aproximadamente (5) por voltas.
- Allenti la vite alla destra della linguetta circa (5) dalle girate.

## 12 AXIS 231-232D



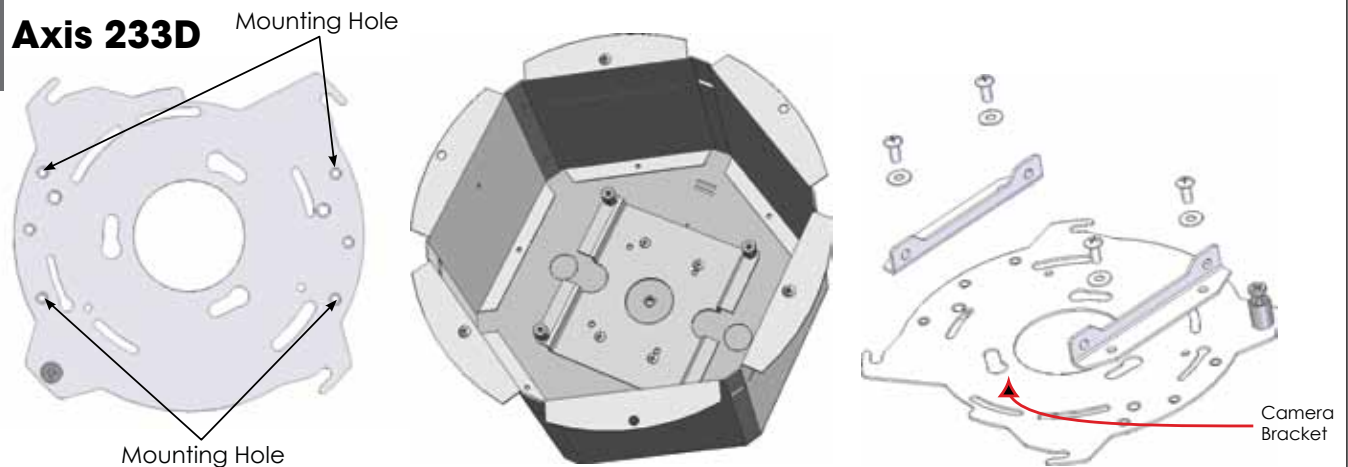
**Align mounting plate and turn counter-clockwise, secure locking screw.**

- Alinee la placa de montaje y dé vuelta a la izquierda, tornillo de fijación seguro.
- Aligned le plat de support et tournez dans le sens contraire des aiguilles d'une montre, vis de blocage bloquée.
- Richten Sie Montageplatte aus und drehen Sie nach links, sichere Sicherungsschraube.
- Alinhe a placa de montagem e gire-a no sentido anti-horário, parafuso travando seguro.
- Allinei il giunto di supporto e giri in senso antiorario, la vite di bloccaggio sicura.

**13****Axis 231-232D**

**Attach the connection module as shown. Attach this assembly to the housing using (1) 6-32x3/8" screw and star washer.**

- Una el módulo de la conexión según lo demostrado. Una a esta asamblea a la cubierta usando (1) "arandela del tornillo 6-32x3/8 y de la estrella.
- Attachez le module de raccordement comme montré. Attachez cette assemblée au logement en utilisant (1) la "vis 6-32x3/8 et tenez le premier rôle la rondelle.
- Bringen Sie das Anschlußmodul an, wie gezeigt. Bringen Sie diese Versammlung zum Gehäuse mit (1) "Schraube 6-32x3/8 und Sternunterlegscheibe an.
- Una o módulo da conexão como mostrado. Una este conjunto à carcaça usando (1) do "arruela parafuso 6-32x3/8 e da estrela.
- Fissi il modulo del collegamento come indicato. Fissi questo complessivo all'alloggiamento usando (1) "rondella della vite 6-32x3/8 e della stella.

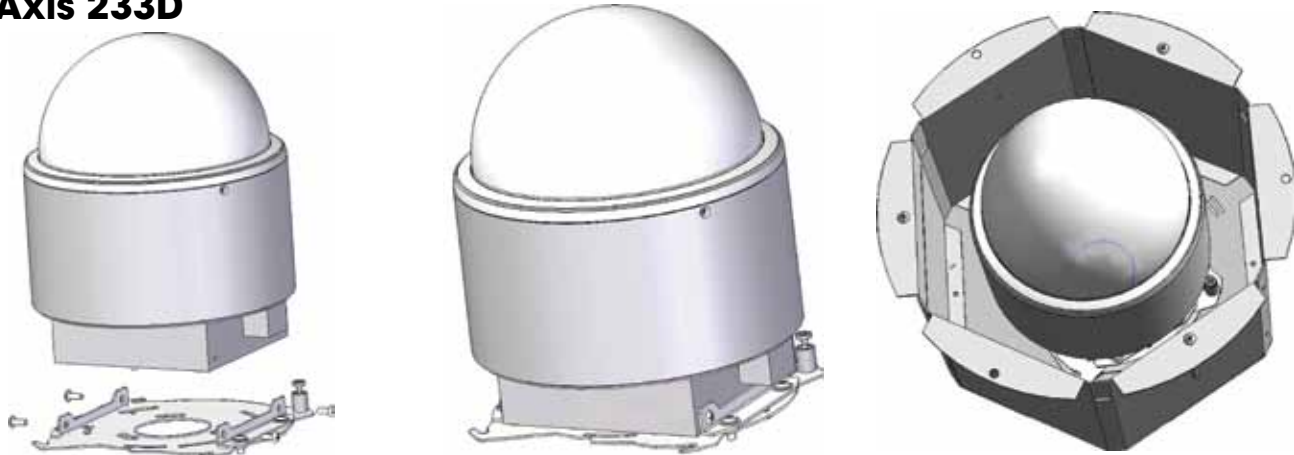
**14****Axis 233D**

**Remove power board located inside of housing and then remove mounting bracket.**

- Quite a tablero de energía situado dentro de la cubierta y después quite el soporte de montaje.
- Enlevez carte d'alimentation situé à l'intérieur de du logement et puis enlevez le support.
- Entfernen Sie das Energie Brett, das innerhalb des Gehäuses befunden wird und entfernen Sie dann Schienenplatte.
- Remova a placa de poder situada dentro da carcaça e remova então o suporte de montagem.
- Rimuova il bordo di alimentazione situato all'interno di alloggiamento ed allora rimuova il supporto di attacco.



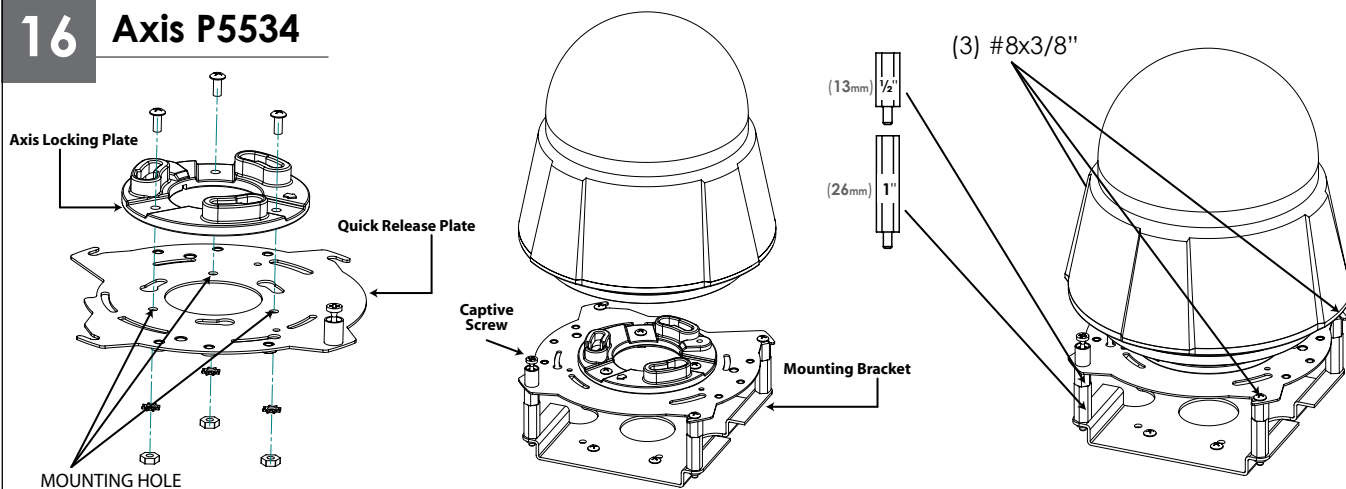
## 15 Axis 233D



Install (4) 1/2" spacers (from bracket) to base bracket. mount camera bracket and install (4) additional 1/2" spacers to camera bracket.

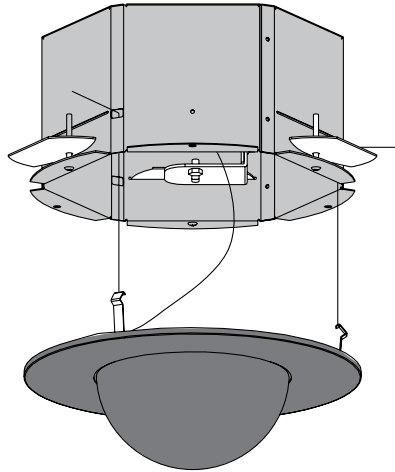
- Instale (4) los espaciadores del 1/2" (del soporte) para basar el soporte. monte el soporte de la cámara fotográfica e instale (4) los espaciadores adicionales del 1/2" al soporte de la cámara fotográfica.
- Installez (4) les entretoises de 1/2" (de la parenthèse) pour baser la parenthèse. montez la parenthèse d'appareil-photo et installez (4) les entretoises additionnelles de 1/2" sur la parenthèse d'appareil-photo.
- Bringen Sie (4) die 1/2" Distanzscheiben (vom Haltewinkel) an um Haltewinkel zu gründen. bringen Sie Kamerahaltewinkel an und bringen Sie (4) die zusätzlichen 1/2" Distanzscheiben zum Kamerahaltewinkel an.
- Instale (4) espaçadores de 1/2" (do suporte) para basear o suporte. monte o suporte da câmara e instale (4) espaçadores adicionais de 1/2" ao suporte da câmara.
- Installi (4) i distanziatori di 1/2" (dalla staffa) per basare la staffa. monti la staffa della macchina fotografica ed installi (4) i distanziatori supplementari di 1/2" alla staffa della macchina fotografica.

## 16 Axis P5534



Assemble Axis locking plate to quick release plate using (3) #8 bolts, washers and nuts. Connect the combined plates to the bracket and housing using (4) 1" and (4) 1/2" spacers and #8 bolts. Insert camera onto mounted locking plate and turn clockwise to lock in position.

- Monte la placa de fijación del eje a la placa del lanzamiento rápido usando (3) los pernos #8, las arandelas y las tuercas. Conecte las placas combinadas con el soporte y la cubierta usando (4) los espaciadores de 1" y (4) 1/2" y los pernos #8. Inserte la cámara sobre la placa de fijación montada y dé vuelta a la derecha a la cerradura en la posición.
- Assemblez le plat de verrouillage d'axe au plat de dégage rapide utilisant (3) les boulons #8, les rondelles et les écrous. Reliez les plats combinés à la parenthèse et au logement utilisant (4) les entretoises de 1" et (4) 1/2" et les boulons #8. Insérez l'appareil-photo sur le plat de verrouillage monté et tournez dans le sens des aiguilles d'une montre pour fermer à clef en position.
- Bauen Sie Verriegelungsplatte der Mittellinie zur Platte der schnellen Freigabe unter Verwendung (3) der Schraubbolzen #8, der Unterlegscheiben und der Nüsse zusammen. Schließen Sie der kombinierten Platten an den Haltewinkel und das Gehäuse unter Verwendung (4) 1" und (4) 1/2" der Distanzscheiben und der Schraubbolzen #8 an. Setzen Sie Kamera auf angebrachte Verriegelungsplatte ein und wenden Sie sich nach rechts an Verschluss in Position.
- Monte a placa de travamento da linha central à placa da liberação rápida usando (os parafusos 3) #8, as arruelas e as porcas. Conecte as placas combinadas ao suporte e à carcaça usando (4) espaçadores de 1" e (4) 1/2" e parafusos #8. Introduza a câmara na placa de travamento montada e gire-a no sentido horário para o fechamento em posição.
- Montì il piatto di chiusura di asse a usando del piatto del rilascio rapido (3) bulloni #8, rondelle e dadi. Colleghi i piatti uniti a usando dell'alloggiamento e della staffa (4) i distanziatori del 1,, e (4) 1/2,, e bulloni #8. Inserisca la macchina fotografica sul piatto di chiusura montato e giri in senso orario verso la serratura nella posizione.

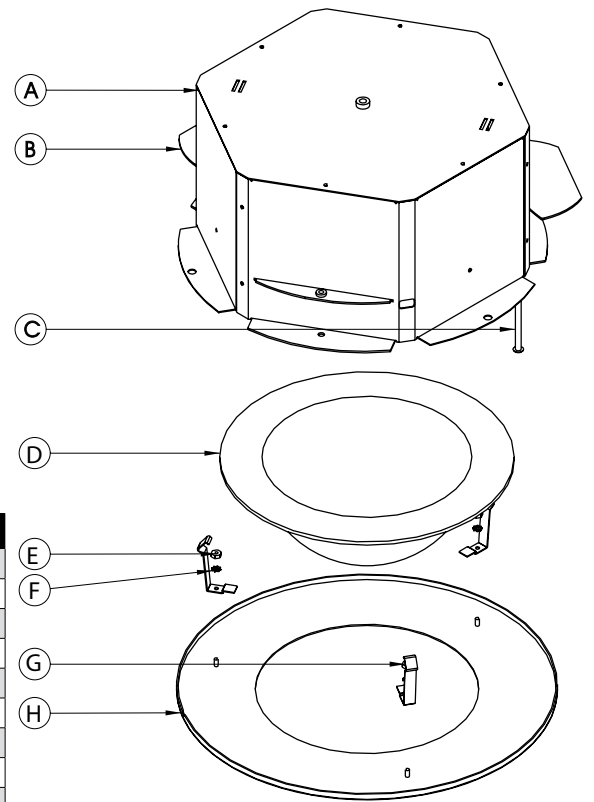


**Reattach the trim ring/ dome assembly by pressing in and sliding (3) springs in the housing.**

- Reate el montaje de la bóveda del anillo del ajuste clavando y resbalando (3) los resortes en la cubierta.
- Rattachez le dôme d'anneau d'équilibre en enfonçant et diapositive (3) des ressorts dans le logement.
- Befestigen Sie die Ordnung Ringhaube wieder, indem Sie (3) Federn im Gehäuse eindrücken und schieben.
- Reate o conjunto da abóbada do anel da guarnição pressionando dentro e deslizando (3) as molas na carcaça.
- Riattacci il complessivo della cupola dell'anello della cornice introducendo e diapositiva (3) le molle nell'alloggiamento.

# Replacement Parts List

21898



Description	Part Number
A 21898 Top housing	RPMR7010
B 21898 support arms	RPMR7020
C 10-24 x 2.0" SS pan head screw	90-BTSR23
D 7" Tinted capsule, 21898	RC7AT
E 6-32 Hex nut SS	91-NTHH04
F #6 Star washer	92-WSTH01
G 21898 Spring clip	30-VL1222
H 21898 White trim ring	RPMR7050
NS Hardware Packet	RP46PHH2094