

MOOG

Videolarm



PA40 LOWERING ARM

Service Camera at Ease from 75 feet

www.videolarm.com

Installation and Operation Instructions for the following models:

PA40 Lowering arm mount, easily and safely lowers camera down from up to 75 ft for servicing. Includes electronically controlled winch

PA40D Lowering arm with surge and video protection

Dome / Camera System not included (Sold Separately)

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



81-IN5430
05-06-2010

IMPORTANT SAFEGUARDS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with damp cloth.
- 7 Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
- 8 Cable Runs- All cable runs must be within permissible distance.
- 9 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.
- 10 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 - 11 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - 12 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - 13 Only use attachment/ accessories specified by the manufacturer.
 - 14 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
 - 15 Unplug this apparatus during lighting storms or when unused for long periods of time.
 - 16 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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.

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:

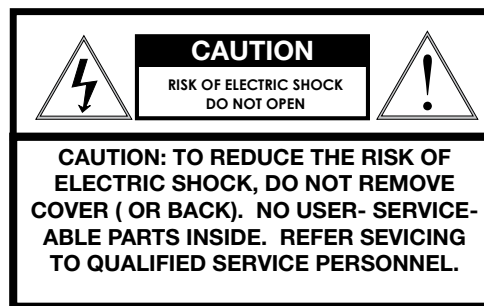
- 1 The shipping carton and packaging material.
They are the safest material in which to make future shipments of the equipment.
- 2 These Installation and Operating Instructions.

SERVICE

If technical support or service is needed, contact us at the following number:

TECHNICAL SUPPORT
AVAILABLE 24 HOURS
1 - 800 - 554 -1124

SAFETY PRECAUTIONS



The lightning flash with an arrowhead symbol, within 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 to persons.

Este símbolo se piensa para alertar al usuario a la presencia del "voltaje peligroso no-aislado" dentro del recinto de los productos que puede ser un riesgo de choque eléctrico.

Ce symbole est prévu pour alerter l'utilisateur à la présence "de la tension dangereuse" non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-Isolier "Gefährdungsspannung" innerhalb der Produkteinschließung alarmieren die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença "di tensão perigosa non-isolada" dentro do cerco dos produtos que pode ser um risco de choque elétrico.

Questo simbolo è inteso per avvertire l'utente alla presenza "di tensione pericolosa" non-isolata all'interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.



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

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d'exclamation est prévu pour alerter l'utilisateur à la présence des instructions importantes dans la littérature accompagnant l'appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein de wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet.

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamaton è inteso per avvertire l'utente alla presenza delle istruzioni importanti nella letteratura che accompagna l'apparecchio.



LIMITED WARRANTY FOR VIDEOLARM INC. PRODUCTS

VIDEOLARM INC. warrants this Product to be free from defects in material or workmanship, as follows:

PRODUCT CATEGORY	PARTS	LABOR
All Enclosures and Electronics	Five (5) Years	Five (5) Years
Pan/Tilts	Three (3) Years **6 months if used in autoscan	Three (3) Years **6 months if used in autoscan
Poles/Pole Evators	Three (3) Years /tour operation	Three (3) Years /tour operation
Warrior/Q-View/I.R.Illuminators	Five (5) Years	Five (5) Years
SView Series	Five (5) Years **6 months if used in autoscan	Five (5) Years **6 months if used in autoscan
Controllers	Five (5) Years /tour operation	Five (5) Years /tour operation
Power Supplies	Five (5) Years	Five (5) Years
Accessory Brackets	Five (5) Years	Five (5) Years

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Videolarm Inc. Decatur GA. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA# (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124 extension 101. Videolarm will return the repaired Product freight prepaid to Purchaser. Videolarm is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges.

The limited warranty stated in these product instructions is subject to all of the following terms and conditions:

TERMS AND CONDITIONS

1. NOTIFICATION OF CLAIMS: WARRANTY SERVICE: If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Videolarm but all claims for warranty service must be made within the warranty period. If after investigation Videolarm determines that the reported problem was not covered by the warranty, Purchaser shall pay Videolarm for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period as to the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.

2. EXCLUSIVE REMEDY: ACCEPTANCE: Purchaser's exclusive remedy and Videolarm's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.

3. EXCEPTIONS TO LIMITED WARRANTY: Videolarm shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use: negligence, accident, lightning damage or other acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Videolarm shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Videolarm excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Videolarm to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

4. PROOF OF PURCHASE: The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, VIDEOLARM HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. VIDEOLARM HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-VIDEOLARM PRODUCTS OR NON-VIDEOLARM RECOMMENDED PRODUCTS PURCHASER CHOOSES TO CONNECT TO PRODUCT.

LIMITATION OF LIABILITY

THE LIABILITY OF VIDEOLARM, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL VIDEOLARM BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.



Electrical & Mechanical Specifications

PA40 Lowering Arm



English

Power 120 VAC 10 A Max
Maximum weight limit of 35 lbs (15.9kg) may be attached to lowering device.
PA40 may be lowered to a maximum safe operating distance of 75 feet (22.9 m).

Tools Required: Flat Head Screwdriver
Ceiling Support Wires (.14 - 10)



Español

Energía 120 VAC 10 A Max
El límite del peso máximo de 35 libras (15.9kg) se puede atar a bajar el dispositivo.
PA40 se puede bajar a una distancia segura máxima del funcionamiento de 75 pies (22.9 m).

Herramientas Requeridas: Destornillador Principal Flat
Alambre De la Galga De la Ayuda Wires (.14 - 10)



Français

Puissance 120 VAC 10 A Max
La limite de poids maximum de 35 livres (15.9kg) peut être attachée à abaisser le dispositif.
PA40 peut être abaissé à une distance sûre maximum d'opération de 75 pieds (22.9 m).

Outils Requis : Tournevis Principal Flat
Fil De Mesure De Soutien Wires (.14 - 10)



Deutsch

Energie 120 VAC 10 A Max
Höchstgewichtbegrenzung auf 35 lbs (15.9kg) kann zur Senkung der Vorrichtung angebracht werden.
PA40 kann zu einem maximalen sicheren Betriebsabstand von 75 Fuß (22.9 m) gesenkt werden.

Werkzeuge Erfordert: Flacher Hauptschraubenzieher
Decke Unterstützungswires (.14 - 10)



Portuguese

Poder 120 VAC 10 A Max
O limite do peso máximo de 35 libras (15.9kg) pode ser unido a abaixar o dispositivo.
PA40 pode ser abaixado a uma distância segura máxima do funcionamento de 75 pés (22.9 m).

Ferramentas Requeridas: Chave de fenda Principal Flat
Fio Do Calibre Da Sustentação Wires (.14 - 10)



Italiano

Alimentazione 120 VAC 10 A Max
Un limite del peso massimo di 35 libbre (15.9kg) può essere attaccato ad abbassare il dispositivo.
PA40 può essere abbassato ad una distanza sicura massima di funzionamento di 75 piedi (22.9 m).

Gli Attrezzi Hanno richiesto: Cacciavite Capo "Flat"
Legare Del Calibro Di Sostegno Wires (.14 - 10)

Contents of Box

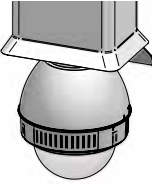


Operation Specifications



English

Video transmission is available only when lowering mechanism (camera enclosure) has been docked in lowering arm apparatus.
After two continuous cycles (Up/Down, Up/Down) allow PA40 to cool-down for 20 minutes before operating.



Español

La transmisión video está disponible solamente al bajar el mecanismo (recinto de la cámara) se ha atracado en aparato del brazo de baja.
Después de dos ciclos continuos (Up/Down, Up/Down), permita PA40 fresco-abajo por 20 minutos antes de funcionar.



Français

La transmission visuelle est disponible seulement en abaissant le mécanisme (clôture d'appareil-photo) a été accouplée dans un appareillage de bras d'abaissement.
Après deux cycles continus (haut/bas, haut/bas), permettez PA40 frais-vers le bas pendant 20 minutes avant l'opération.



Deutsch

Bildübertragung ist vorhanden, nur wenn sie Mechanismus (Kameraeinschließung) ist angekoppelt worden im Senkungarmapparat senkt.
Nach zwei ununterbrochenen Zyklen (Auf-/Ab-, Auf-/Ab), erlauben Sie PA40, das für 20 Minuten kühlst, bevor Sie funktionieren.



Portuguese

A transmissão video está disponível somente ao abaixar o mecanismo (cerco da câmera) foi entrada no instrumento do antebraço.
Após dois ciclos continuos (Up/Down, Up/Down), permita PA40 fresco-para baixo por 20 minutos antes de operar.



Italiano

La video trasmissione è disponibile soltanto quando abbassa il meccanismo (recinzione della macchina fotografica) è stata messa in bacino in apparecchiatura del braccio di abbassamento.
Dopo due cicli continui (Up/Down, Up/Down), permetta PA40 freddo-giù per 20 minuti prima del funzionamento.



English

To prevent damage and/or personal injury, do not operate PA40 device in wind gusts of 20 mph or higher.



Español

Para evitar daño y/o daños corporales, no funcione el dispositivo PA40 en las ráfagas de viento de 20 mph o más arriba.



Français

Pour empêcher des dommages et/ou le dommage corporel, n'actionnez pas le dispositif PA40 en rafales de vent de 20 M/H ou plus haut.



Deutsch

Um Schaden und/oder Personenschaden zu verhindern, betreiben Sie Vorrichtung nicht PA40 in den Windboen von 20 MPH oder höher.



Portuguese

Para impedir dano e/ou ferimento pessoal, não opere o dispositivo PA40 em ventanias de vento de 20 mph ou mais altamente.



Italiano

Per evitare il danno e/o la lesione personale, non faccia funzionare il dispositivo PA40 in raffiche di vento di 20 mph o più su.



CAUTION

Cease Power

- IF THE PA40'S MOTOR STALLS, DO NOT CONTINUE TO APPLY POWER TO THE UNIT.

Cese la energía

- SI EL PA40' LAS PARADAS DEL MOTOR DE S, NO CONTINUÁN APLICANDO ENERGÍA A LA UNIDAD.

Cessez la puissance

- SI LE PA40' ; LES STALLES DE MOTEUR DE S, NE CONTINUENT PAS À METTRE SOUS TENSION À L'UNITÉ.

Hören Sie Energie auf

- WENN DER PA40 MOTOR FESTKLEMMT, FAHREN SIE NICHT FORT, ENERGIE AN DER MASSEINHEIT ANZUWENDEN.

Cesse o poder

- SE O MOTOR DE PA40 PARA, NÃO CONTINUE A APLICAR O PODER À UNIDADE.

Cessi il potere

- SE IL MOTORE DI PA40 SI ARRESTA, NON CONTINUI AD APPLICARE IL POTERE ALL'UNITÀ.

CAUTION

Proper Usage

- NEVER USE YOUR PA40 FOR LIFTING OR MOVING PEOPLE.

Uso apropiado

- NUNCA UTILICE SU PA40 PARA LEVANTAR O LA GENTE MÓVIL.

Utilisation appropriée

- N'EMPLOYEZ JAMAIS VOTRE PA40 POUR LE LEVAGE OU LES PERSONNES MOBILES.

Korrektter Verbrauch

- VERWENDEN SIE NIE IHR PA40 FÜR DAS ANHEBEN ODER DIE BEWEGLICHEN LEUTE.

Uso apropiado

- NUNCA USE SEU PA40 PARA O LEVANTAMENTO OU POVOS MOVENTES.

Uso adeguato

- NON USI MAI IL VOSTRO PA40 PER IL SOLLEVAMENTO O LA GENTE COMMOVENTE.

CAUTION

Clean Operating Area

- KEEP OPERATING AREA CLEAN. DO NOT ALLOW PEOPLE TO REMAIN IN THE AREA DURING LOWERING/ RAISING OPERATIONS. ALWAYS STAND CLEAR OF WIRE ROPE, PA40 MAIN UNIT AND JUNCTION BOX. IN THE UNLIKELY EVENT OF ANY COMPONENT FAILURE IT IS BEST TO BE OUT OF HARM'S WAY.

Limpie el área de funcionamiento

- MANTENGA EL ÁREA DE FUNCIONAMIENTO LIMPIA. NO PERMITA QUE LA GENTE PERMANEZCA EN EL ÁREA DURANTE LA BAJA DE OPERACIONES DE AUMENTO. COLOQUESE SIEMPRE CLARO DE CUERDA DE ALAMBRE, DE LA UNIDAD PRINCIPAL PA40 Y DE LA CAJA DE ENSAMBLADURA. EN EL ACONTECIMIENTO INVEROSÍMIL DE CUALQUIER FALTA COMPONENTE ES EL MEJOR ESTAR FUERA DE LA MANERA DEL DAÑO.

Nettoyez la région d'opération

- MAINTENEZ LE SECTEUR D'OPÉRATION PROPRE. NE PERMETTEZ PAS AUX PERSONNES DE RESTER DANS LE SECTEUR PENDANT L'ABAISSEMENT DES OPÉRATIONS AUGMENTANTES. TENEZ-VOUS TOUJOURS DÉGAGÉ DU CÂBLE MÉTALLIQUE, DE L'UNITÉ PA40 PRINCIPALE ET DE LA BOÎTE DE JONCTION. DANS L'ÉVÉNEMENT PEU PROBABLE DE N'IMPORTER QUEL ÉCHEC COMPOSANT IL EST LE MEILLEUR D'ÊTRE HORS DE LA MANIÈRE DU MAL.

Säubern Sie Bedienungsfläche

- HALTEN SIE BETRIEBUNGSFLÄCHE SAUBER. ERLAUBEN SIE NICHT LEUTEN, IM BEREICH WÄHREND DER SENKUNG DER ANHEBENDEN BETRIEBE ZU BLEIBEN. STEHEN SIE IMMER VOM DRAHTSEIL, VOM HAUPTGERÄT PA40 UND VOM ANSCHLUSSKASTEN FREI. IM UNWAHRSCHEINLICHEN EREIGNIS JEDES TEILS AUSFALLS ZU SEIN IST AM BESTEN, AUS WEISE DES SCHADENS HERAUS.

Limpe a área de funcionamento

- MANTENHA A ÁREA DE FUNCIONAMENTO LIMPA. NÃO PERMITA QUE OS POVOS PERMANEÇAM NA ÁREA DURANTE A REDUÇÃO DE OPERAÇÕES DE LEVANTAMENTO. ESTEJA SEMPRE DESOBSTRUÍDO DA CORDA DE FIO, DA UNIDADE PA40 PRINCIPAL E DA CAIXA DE JUNÇÃO. NO EVENTO IMPROVÁVEL DE TODA A FALHA COMPONENTE É O MELHOR SER FORA DA MANEIRA DO DANO.

Pulisca la zona di funzionamento

- MANTENGA LA ZONA DI FUNZIONAMENTO PULITA. NON PERMETTA CHE LA GENTE RIMANGA NELLA ZONA DURANTE L'ABBASSAMENTO DEI FUNZIONAMENTI D'INNALZAMENTO. LEVI IN PIEDI SEMPRE CHIARO DELLA FUNE METALLICA, DELL'UNITÀ PRINCIPALE PA40 E DELLA SCATOLA DI GIUNZIONE. NELL'EVENUTO IMPROBABILE DI TUTTO IL GUASTO COMPONENTE È MEGLIO DA ESSERE DAL SENSO DEL DANNO.

CAUTION

Warning Labels

- NEVER OBSCURE THE WARNING INSTRUCTION LABELS.

Etiquetas amonestadoras

- NUNCA OBSCUREZCA LAS ETIQUETAS DE INSTRUCCIÓN AMONESTADORAS.

Étiquettes d'avertissement

- N'OBSCURISSEZ JAMAIS LES ÉTIQUETTES D'INSTRUCTION D'AVERTISSEMENT.

Warnende Aufkleber

- UNDEUTLICH MACHEN SIE NIE DIE WARNING ANWEISUNGS-AUFKLEBER.

Etiquetas de advertência

- NUNCA OBSCUREÇA AS ETIQUETAS DE INSTRUÇÃO DE ADVERTÊNCIA.

Etichette di avvertimento

- NON OSCURI MAI LE ETICHETTE DI ISTRUZIONE D'AVVERTIMENTO.

CAUTION

Heavy Gloves

- USE HEAVY LEATHER GLOVES WHEN HANDLING WIRE ROPE. DO NOT LET WIRE ROPE SLIDE THROUGH YOUR HANDS EVEN WHEN WEARING GLOVES.

Guantes pesados

- UTILICE LOS GUANTES DE CUERO PESADOS AL MANEJAR LA CUERDA DE ALAMBRE. NO DEJE LA CUERDA DE ALAMBRE RESBALAR A TRAVÉS DE SUS MANOS INCLUSO CUANDO USA GUANTES.

Gants lourds

- EMPLOYEZ LES GANTS EN CUIR LOURDS EN MANIPULANT LE CÂBLE MÉTALLIQUE. NE LAISSEZ PAS LE CÂBLE MÉTALLIQUE GLISSER PAR VOS MAINS MÊME LORSQUE PORTANT DES GANTS.

Schwere Handschuhe

- BENUTZEN SIE SCHWERE LEDERNE HANDSCHUHE, WENN SIE DRAHTSEIL BEHADELN. LASSEN SIE DRAHTSEIL NICHT DURCH IHRE HÄNDE SCHIEBEN, SELBST WENN, HANDSCHUHE TRAGEND.

Luvras pesadas

- USE LUVAS DE COURO PESADAS AO SEGURAR A CORDA DE FIO. NÃO DEIXE A CORDA DE FIO DESLIZAR ATRAVÉS DE SUAS MÃOS MESMO QUANDO DESGASTANDO LUVAS.

Guanti pesanti

- USI I GUANTI DI CUIOIO PESANTI QUANDO TRATTANO LA FUNE METALLICA. NON LASCI LA FUNE METALLICA FARE SCORRERE TRAMITE LE VOSTRE MANI ANCHE QUANDO PORTANDO I GUANTI.

CAUTION

Risk of Electric Shock

- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OF PA40 UNIT. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Riesgo de descarga eléctrica

- PARA REDUCIR EL RIESGO DE DESCARGA ELÉCTRICA, NO quite LA CUBIERTA DE LA UNIDAD PA40. NINGUNAS PIEZAS ÚTILES DEL USUARIO ADENTRO. REFIERA EL MANTENIMIENTO A LOS PERSONALES DE SERVICIO CALIFICADOS.

Risque de décharge électrique

- POUR RÉDUIRE LE RISQUE DE DÉCHARGE ÉLECTRIQUE, N'ENLEVEZ PAS LA COUVERTURE DE L'UNITÉ PA40. AUCUNES PIÈCES UTILES D'UTILISATEUR À L'INTÉRIEUR. RÉFÉREZ-VOUS L'ENTRETIEN AU PERSONNEL DE SERVICE QUALIFIÉ.

Risiko des Elektroschocks

- DAS RISIKO DES ELEKTROSCHOCKS ZU VERRINGERN, ENTFERNEN SIE NICHT ABDECKUNG DER MASSEINHEIT PA40. KEINE BENUTZER-NÜTZLICHEN TEILE NACH INNEN. VERWEISEN SIE DIE INSTANDHALTUNG AUF QUALIFIZIERTES SERVICE-PERSONAL.

Risco de choque eléctrico

- PARA REDUZIR O RISCO DE CHOQUE ELÉCTRICO, NÃO REMOVA A TAMPA DA UNIDADE PA40. NENHUMAS PEÇAS ÚTEIS DO USUÁRIO PARA DENTRO. REFIRA À CONSERVAÇÃO PESSOAIS DE SERVIÇO QUALIFICADOS.

Rischio di shock elettrico

- PER RIDURRE IL RISCHIO DI SHOCK ELETTRICO, NON RIMUOVA LA COPERTURA DELL'UNITÀ PA40. NESSUN PARTI UTILI DELL'UTENTE ALL'INTERNO. FACCIA RIFERIMENTO L'ASSISTENZA AL PERSONALE DI SERVIZIO QUALIFICATO.

CAUTION

Risk of Injury

- TO PREVENT RISK OF INJURY, DO NOT PLACE HANDS NEAR OR INTO PA40 LOWERING PULLEY SYSTEM WHEN OPERATING.

- NEVER OPEN AND PLACE HANDS INTO THE COVER OF THE PA40 WHEN OPERATING THE UNIT.

Riesgo de lesión

- PARA PREVENIR EL RIESGO DE LESIÓN, NO PONGA LAS MANOS CERCA O EN DE PA40 QUE BAJA EL SISTEMA DE LA POLEA AL FUNCIONAR.

- NUNCA ABRA Y PONGA LAS MANOS EN LA CUBIERTA DEL PA40 AL FUNCIONAR LA UNIDAD.

Risque de dommages

- POUR EMPÊCHER LE RISQUE DE DOMMAGES, NE PLACEZ PAS LES MAINS PRÈS OU DANS DE PA40 ABAISSANT LE SYSTÈME DE POULIE EN FONCTIONNANT.

- N'OUVREZ JAMAIS ET PLACEZ LES MAINS DANS LA COUVERTURE DU PA40 EN ACTIONNANT L'UNITÉ.

Risiko der Verletzung

- RISIKO DER VERLETZUNG ZU VERHINDERN, SETZEN SIE HÄNDE NICHT NAHE ODER IN PA40, DAS RIEMENSCHLEIBEN-SYSTEM BEIM FUNKTIONIEREN SENKT.

- NIE ÖFFNEN SIE UND SETZEN SIE HÄNDE IN DIE ABDECKUNG DES PA40, WENN SIE DIE MASSEINHEIT LAUFEN LASSEN.

Risco de ferimento

- PARA IMPEDIR O RISCO DE FERIMENTO, NÃO COLOC AS MÃOS PERTO OU EM PA40 QUE ABAIXA O SISTEMA DA POLIA AO OPERAR-SE.

- NUNCA ABRA E COLOC AS MÃOS NA TAMPA DO PA40 AO OPERAR A UNIDADE.

Rischio di ferita

- PER IMPEDIRE IL RISCHIO DI FERITA, NON DISPONGA LE MANI VICINO O IN PA40 CHE ABBASSA IL SISTEMA DELLA PULEGGIA QUANDO FUNZIONANO.

- MAI APRA E NON DISPONGA LE MANI NELLA COPERTURA DEL PA40 QUANDO AZIONANO L'UNITÀ.

CAUTION

Docking

- Before docking make sure there are no twist or obstructions between PA40 and the carriage.

Muelle

- Antes de que atraque cerciórese de no hay torcedura u obstrucciones entre PA40 y el carro.

Amarrage

- Avant que s'accouplant assurez-vous il n'y a aucune torsion ou obstruction entre PA40 et le chariot.

Ankern

- Bevor Sie sicherstellen Sie ankoppeln, gibt es keine Torsion oder Hindernisse zwischen PA40 und dem Wagen.

Embarcadouro

- Antes que entrando se certifique não há nenhuma torção ou obstrução entre PA40 e a carruagem.

Aggancio

- Prima che mettendosi in bacino assicuri non ci sono torsione o ostruzioni fra PA40 ed il carrello.

CAUTION

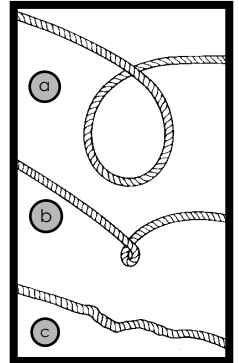
Wire Kinks

- PREVENT KINKS BEFORE THEY OCCUR.

a. This is the start of a kink. At this time, the wire rope should be straightened.

b. The wire rope was pulled and the loop has tightened to a kink. The wire rope is now permanently damaged and must be replaced.

c. Kinking causes the wire strands under the greatest tension to break and thus reduces the load capacity of the wire rope. The wire rope must be replaced.



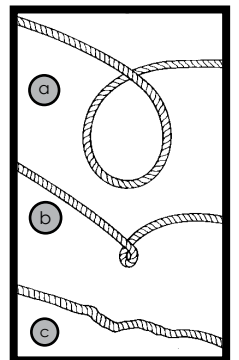
Torceduras del alambre

- PREVENGA LAS TORCEDURAS ANTES DE QUE OCURRAN.

a. Éste es el comienzo de una torcedura. En este tiempo, la cuerda de alambre debe ser enderezada.

b. La cuerda de alambre fue tirada y el lazo ha apretado a una torcedura. La cuerda de alambre ahora se daña y debe permanentemente ser substituida.

c. El enroscarse hace los filamentos de alambre bajo tensión más grande romperse y reduce así la capacidad de carga de la cuerda de alambre. La cuerda de alambre debe ser substituida.



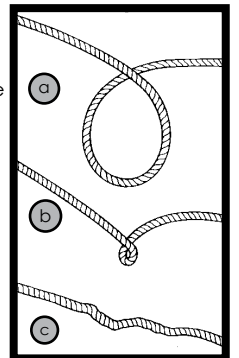
Replis de fil

- EMPÊCHEZ LES REPLIS AVANT QU'ILS SE PRODUISENT.

a. C'est le début d'un repli. Actuellement, le câble métallique devrait être redressé.

b. Le câble métallique a été tiré et la boucle a serré à un repli. Le câble métallique maintenant est de manière permanente endommagé et doit être remplacé.

c. Le vrillement fait casser les torons métalliques sous la plus grande tension et réduit ainsi la capacité de charge du câble métallique. Le câble métallique doit être remplacé.



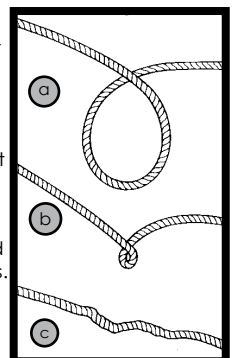
Draht-Schleifen

- VERHINDERN SIE SCHLEIFEN, BEVOR SIE AUFTRETEN.

a. Dieses ist der Anfang einer Schleife. Diesmal sollte das Drahtseil gerade gerichtet werden.

b. Das Drahtseil wurde gezogen und die Schleife hat zu einer Schleife festgezogen. Das Drahtseil wird jetzt dauerhaft geschädigt und muss ersetzt werden.

c. Das Knick veranlaßt die Drahtstränge unter der größten Spannung zu brechen und verringert folglich die Nutzlast des Drahtseiles. Das Drahtseil muss ersetzt werden.



CAUTION

Wire Kinks

Continued

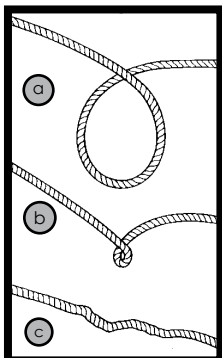
Torções do fio

- IMPEÇA TORÇÕES ANTES QUE OCORRAM.

a. Este é o começo de uma torção. Neste tempo, a corda de fio deve ser endireitada.

b. A corda de fio foi puxada e o laço apertou a uma torção. A corda de fio permanentemente é danificada agora e deve ser substituída.

c. Torcer-se faz com que as costas de fio sob a grande tensão quebrem e reduz assim a capacidade de carga da corda de fio. A corda de fio deve ser substituída.



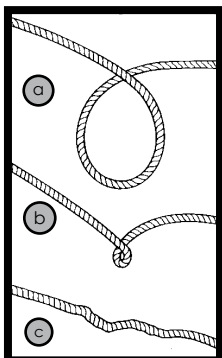
Nodi del legare

- IMPEDICA I NODI PRIMA CHE ACCADANO.

a. Ciò è l'inizio di un nodo. Attualmente, la fune metallica dovrebbe essere raddrizzata.

b. La fune metallica è stata tirata ed il ciclo ha stretto ad un nodo. La fune metallica ora permanentemente sarà danneggiata e dovrà essere sostituita.

c. L'annodamento induce i trefoli nell'ambito di più grande tensionamento a rompersi e così riduce la capienza di carico della fune metallica. La fune metallica deve essere sostituita.



CAUTION

Inspection

- INSPECT WIRE ROPE AND EQUIPMENT FREQUENTLY. A FRAYED WIRE ROPE WITH BROKEN STRANDS SHOULD BE REPLACED IMMEDIATELY.

Inspección

- EXAMINE LA CUERDA Y EL EQUIPO DE ALAMBRE CON FRECUENCIA. UNA CUERDA DE ALAMBRE RAÍDA CON LOS FILAMENTOS QUEBRADOS SE DEBE SUBSTITUIR INMEDIATAMENTE.

Inspection

- INSPECTEZ LE CÂBLE MÉTALLIQUE ET L'ÉQUIPEMENT FRÉQUEMMENT. UN CÂBLE MÉTALLIQUE FRANGÉ AVEC LES RIVES CASSÉES DEVRAIT ÊTRE REMPLACÉ IMMÉDIATEMENT.

Kontrolle

- KONTROLLIEREN SIE DRAHTSEIL UND AUSRÜSTUNG HÄUFIG. EIN AUSGEFRANSTES DRAHTSEIL MIT DEFECTEN STRÄNGEN SOLLTE SOFORT ERSETZT WERDEN.

Inspeção

- INSPECIONE A CORDA E O EQUIPAMENTO DE FIO FREQUENTEMENTE. UMA CORDA DE FIO DESGASTADA COM COSTAS QUEBRADAS DEVE SER SUBSTITUÍDA IMEDIATAMENTE.

Controllo

- CONTROLLI FREQUENTEMENTE LA FUNE METALLICA E L'APPARECCHIATURA. UNA FUNE METALLICA SFILACCIATA CON I FILI ROTTI DOVREBBE ESSERE SOSTITUITA IMMEDIATAMENTE.

CAUTION

LABELS

- WATCH YOUR FINGERS AND HANDS

- ELECTRICAL CURRENT KEEP AWAY



ETIQUETAS

- MIRE SUS DEDOS Y MANOS
- SUBSISTENCIA DE LA CORRIENTE ELÉCTRICA LEJOS

ÉTIQUETTES

- OBSERVEZ VOS DOIGTS ET MAINS
- SUBSISTANCE DE COURANT ÉLECTRIQUE LOIN

AUFKLEBER

- PASSEN SIE IHRE FINGER UND HÄNDE AUF
- ELEKTRISCHER STROM-UNTERHALT WEG

ETIQUETAS

- PRESTE ATENÇÃO A SEUS DEDOS E MÃOS
- SUSTENTO DA CORRENTE ELÉTRICA AFASTADO

ETICHETTE

- GUARDI LE VOSTRE BARRETTE E MANI
- CONSERVAZIONE DELLA CORRENTE ELETTRICA VIA

CAUTION

** Keeping dry

- Ensure control box connector (RJ45) stays dry and closed.
- If connector gets wet it may cause PA40 to operate erratically.

El mantener seco

- Asegure las estancias del conector de la caja de control (RJ45) secas y cerradas.
- Si el conector consigue mojado él puede hacer PA40 funcionar irregularmente.

Garder au sec

- Assurez les séjours du connecteur de boîte de commande (RJ45) secs et fermés.
- Si le connecteur devient humide il peut faire fonctionner PA40 sans ordre.

Trocken halten

- Stellen Sie die trockenen und geschlossenen Aufenthalte des Steuerkastenverbindungsstücks (RJ45) sicher.
- Wenn Verbindungsstück es kann PA40 veranlassen, erratisch zu funktionieren naß erhält.

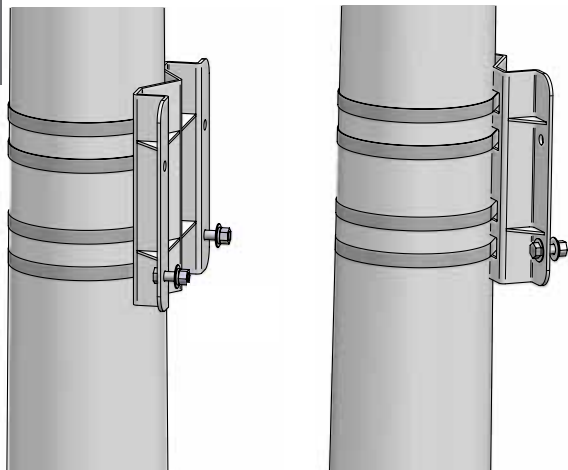
Mantimento seco

- Assegure as estadas do conector da caixa de controle (RJ45) secas e fechadas.
- Se o conector começ molhado ele pode fazer com que PA40 se opere erráticamente.

Conservazione asciutto

- Accerti i soggiorni del connettore della cassetta di controllo (RJ45) asciutti e chiusi.
- Se il connettore ottiene bagnato esso può indurre PA40 a funzionare irregolarmente.

1

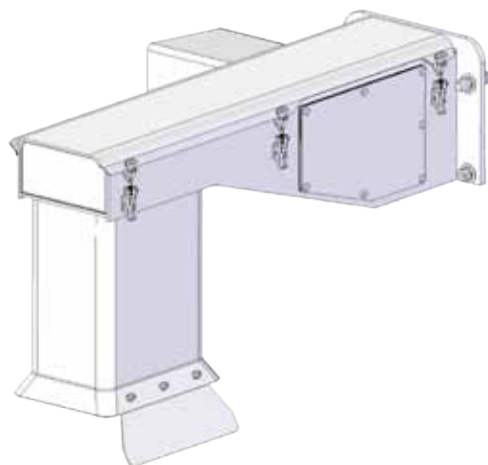


Position lower mounting bolts, washers and nuts as shown above. Thread the nuts until flush with bolt ends.

- Coloque pernos, arandelas y tuercas más bajos de montaje como se muestra arriba. Rosque las tuercas hasta rubor con los extremos de perno.
- Placez les boulons de fixation, les rondelles et les écrous inférieurs comme montré ci-dessus. Filetez les écrous jusqu'à l'éclat avec des extrémités de boulon.
- Bringen Sie unterere Befestigungsbolzen, Unterlegscheiben und Nüsse wie gezeigt oben in Position. Verlegen Sie die Nüsse bis bündiges mit Schraubbolzenenden.
- Posicione uns mais baixos parafusos, arruelas e porcas de montagem como mostrado acima. Rosqueie as porcas até o resplendor com extremidades de parafuso.
- Posizioni i bulloni, le rondelle ed i dadi più bassi di attacco come indicato sopra. Filetti i dadi fino ad a livello dell'estremità di bullone.

Mounting Sway plate

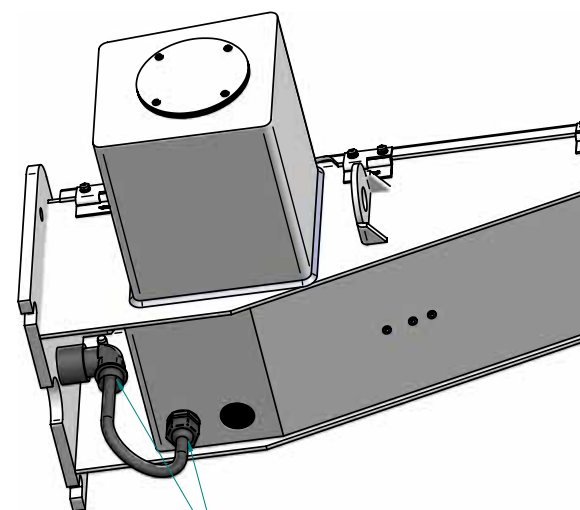
2



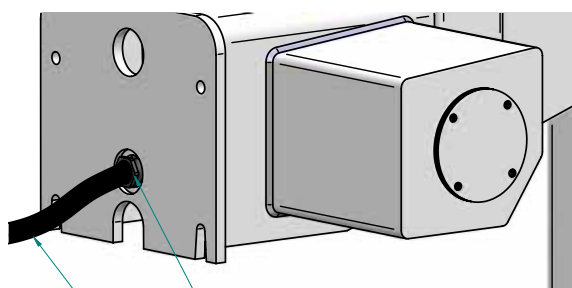
Attach sway plate with the appropriate hardware as shown.

- Ate la placa del sacudimiento con el hardware apropiado como se muestra.
- Attachez le plat de balancement avec le matériel approprié comme montré.
- Bringen Sie Einflussplatte mit der passenden Hardware wie gezeigt an.
- Una a placa do balanço com a ferragem apropriada como mostrada.
- Attacchi il piatto di ondeggiamento con i fissaggi adatti come indicati.

3



3/4" WATERTIGHT FLEX
CONDUIT & CONNECTORS



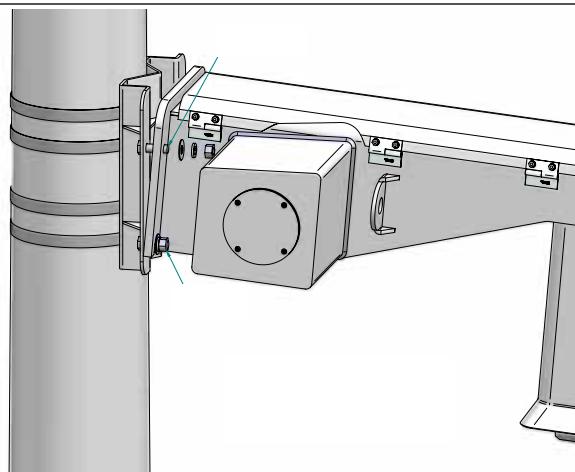
CABLE TO
POLE

3/4" WATERTIGHT CONDUIT
CONNECTOR NUT

Route the watertight conduit connector as shown.

- Encamine el conector hermético del conducto como se muestra.
- Conduisez le connecteur imperméable à l'eau de conduit comme montré.
- Verlegen Sie das wasserdichte Rohrverbindungsstück wie gezeigt.
- Distribua o conector à prova d'água da canalização como mostrado.
- Diriga il connettore a tenuta d'acqua del condotto come indicato.

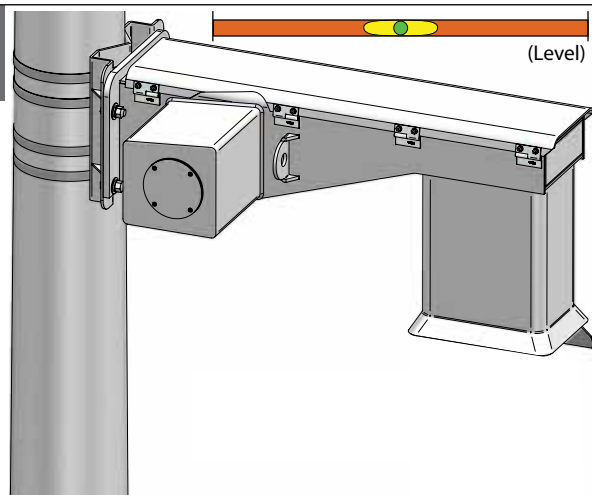
4



Rest the PA40, lower mounting slots on the mounting bolts of the adapter plate. Insert upper bolts, washers and nuts, then tighten all (4) bolts

- Recline el PA40, ranuras de montaje más bajas en los pernos de montaje de la placa de adaptador. Inserte los pernos, las arandelas y las tuercas superiores, después apriete (4) los pernos
- Reposez le PA40, fentes de support inférieures sur les boulons de fixation de la plaque adaptrice. Insérez les boulons, les rondelles et les écrous supérieurs, puis serrez chacun des (4) boulons
- Stehen Sie das PA40, unterere Befestigungsschlitze in den Befestigungsbolzen der Einbauplatte still. Setzen Sie obere Schraubbolzen, Unterlegscheiben und Nüsse ein, dann ziehen Sie alle (4) Schraubbolzen fest
- Descanse o PA40, uns mais baixos entalhes de montagem nos parafusos de montagem da placa de adaptador. Introduza os parafusos, arruelas e porcas superiores, a seguir aperte todos os (4) parafusos
- Riposi il PA40, scanalature di montaggio più basse sui bulloni di attacco del piatto di adattatore. Inserisca i bulloni, le rondelle ed i dadi superiori, quindi stringa tutti (4) si serra

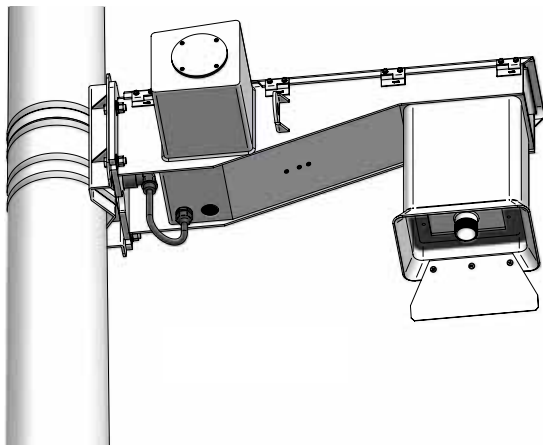
5



Use a standard level to ensure the horizontal alignment of the unit. If necessary, place washers or shims between lowering unit and adapter bracket

- Utilice un nivel estándar para asegurar la alineación horizontal de la unidad. En caso de necesidad, arandelas del lugar o calzas entre la baja de la unidad y del soporte del adaptador
- Employez un niveau standard pour assurer l'alignement horizontal de l'unité. Au besoin, rondelles d'endroit ou cales entre abaisser l'unité et la parenthèse d'adapteur
- Benutzen Sie ein Standardniveau, um die horizontale Ausrichtung der Maßeinheit sicherzustellen. Bei Bedarf Platzunterlegscheiben oder Messplättchen zwischen der Senkung der Maßeinheit und des Adapterhaltewinkels
- Use um nível padrão para assegurar o alinhamento horizontal da unidade. Caso necessário, arruelas do lugar ou calços entre a redução da unidade e do suporte do adaptador
- Usi un livello standard per accertare l'allineamento orizzontale dell'unità. Se necessario, rondelle del posto o spessori fra l'abbassamento unità e della staffa dell'adattatore

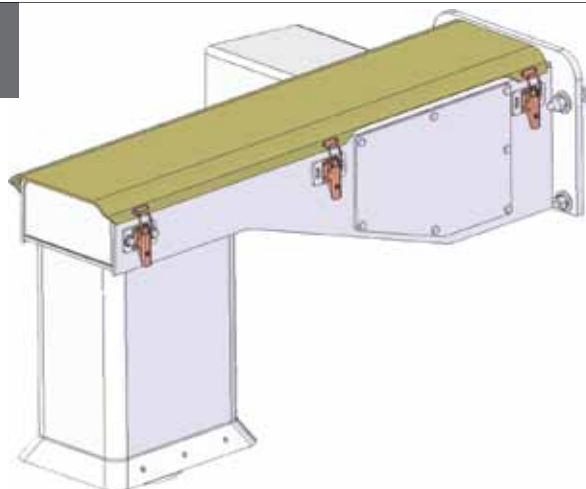
6



Complete electrical connections

- Termine las conexiones eléctricas
- Accomplissez les raccordements électriques
- Schließen Sie elektrische Anschlüsse ab
- Termine conexões elétricas
- Completì i collegamenti elettrici

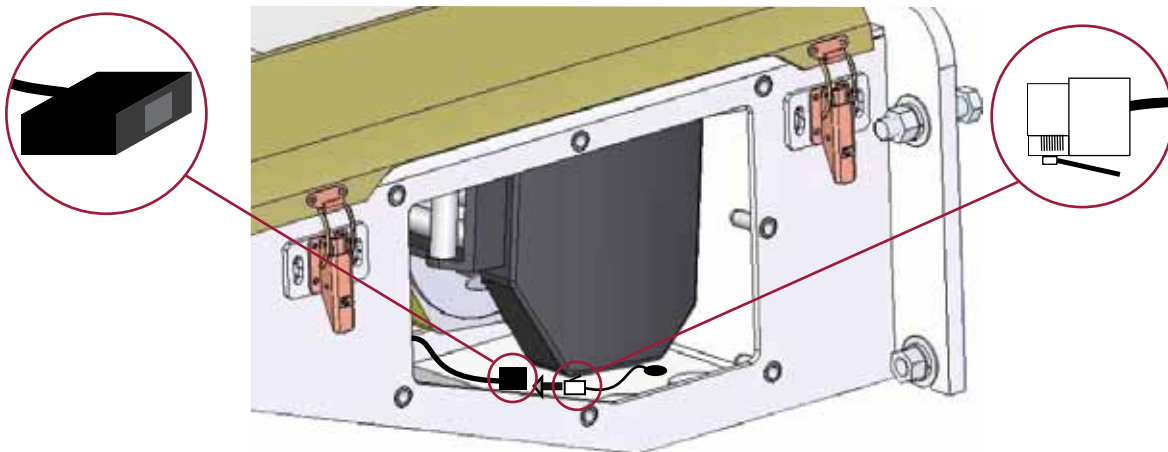
7



It is recommended to ground the outer enclosure of the arm. Attach to bottom right bolt. Use appropriately sized cable.

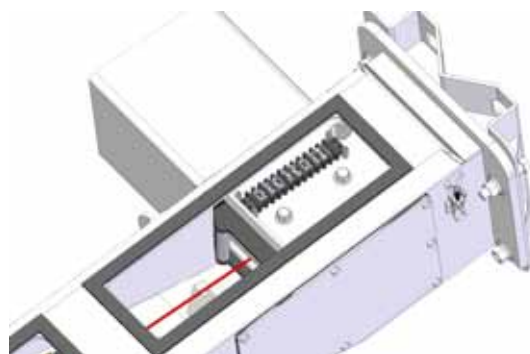
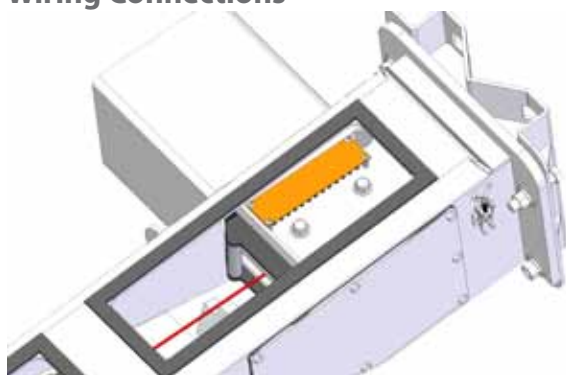
- Se recomienda para molar el recinto externo del brazo. Fijación al perno de la derecha inferior. Utilice el cable apropiadamente clasificado.
- On lui recommande de rectifier la clôture externe du bras. Attache au boulon de droite inférieure. Employez le câble convenablement classé.
- Es wird empfohlen, um die äußere Einschließung des Armes zu reiben. Befestigung zum Schraubbolzen des unteren Rechtes. Benutzen Sie passend sortiertes Kabel.
- Recomenda-se mmoer o cerco exterior do braço. Anexo ao parafuso da direita inferior. Use o cabo apropriadamente feito sob medida.
- È suggerito per frantumare la recinzione esterna del braccio. Attaccatura al bullone di destra inferiore. Usi il cavo giustamente graduato.

8



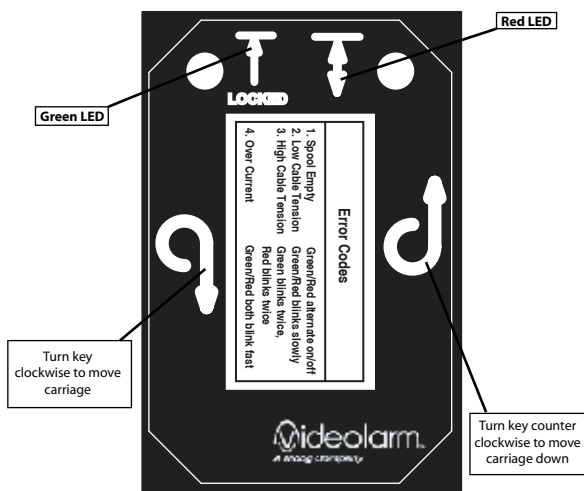
Detach side plate to access RJ45 extension. Route RJ45 cable for controller through conduit hole, located underneath PA40, to the internal RJ45 extension and connect. Reattach side plate.

- Placa lateral separada para tener acceso a la extensión RJ45. Encamine el cable RJ45 para el regulador a través del agujero del conducto, situado por debajo PA40, a la extensión interna RJ45 y conecte. Reate la placa lateral.
- Plat latéral isolé pour accéder à la prolongation RJ45. Conduisez le câble RJ45 pour le contrôleur par le trou de conduit, situé sous PA40, à la prolongation RJ45 interne et reliez. Rattachez le plat latéral.
- Abgetrennte seitliche Platte, zum auf der Verlängerung RJ45 zurückzugreifen. Verlegen Sie das Kabel RJ45 für Steuerpult durch Rohrloch, gelegen unter PA40, auf der internen Verlängerung RJ45 und schließen Sie an. Befestigen Sie seitliche Platte wieder.
- Placa lateral destacada para alcançar a extensão RJ45. Distribua o cabo RJ45 para o controlador através do furo da canalização, situado debaixo de PA40, à extensão RJ45 interna e conecte-o. Reate a placa lateral.
- Piatto laterale distaccato per accedere all'estensione RJ45. Diriga il cavo RJ45 per il regolatore attraverso il foro del condotto, situato sotto PA40, all'estensione interna RJ45 e collegli. Riattacchi il piatto laterale.



Remove the electrical protective cover by removing the four screws. Be sure to replace once the connections are made.

- Quite la cubierta protectora eléctrica quitando los cuatro tornillos. Esté seguro de substituir una vez que se hacen las conexiones.
- Enlevez le dispositif de couverture électrique en enlevant les quatre vis. Soyez sûr de remplacer une fois que les rapports sont établis.
- Entfernen Sie den elektrischen Schutzüberzug, indem Sie die vier Schrauben entfernen. Seien Sie sicher zu ersetzen, sobald die Beziehungen hergestellt werden.
- Remova a tampa protetora elétrica removendo os quatro parafusos. Seja certo substituir uma vez que as conexões são feitas.
- Rimuova la calotta di protezione elettrica rimuovendo le quattro viti. Sia sicuro sostituire una volta che i collegamenti sono fatti



Error Codes

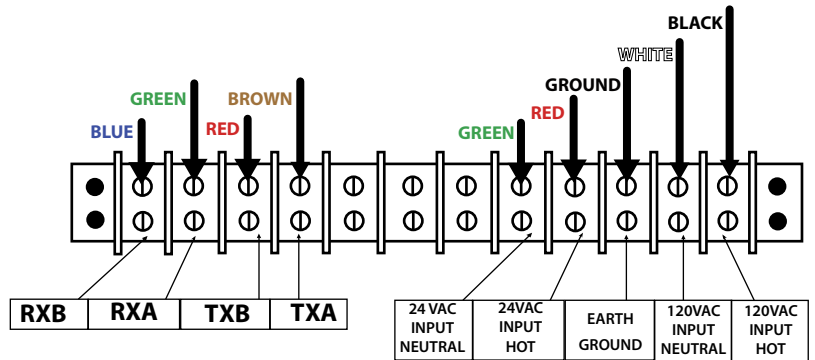
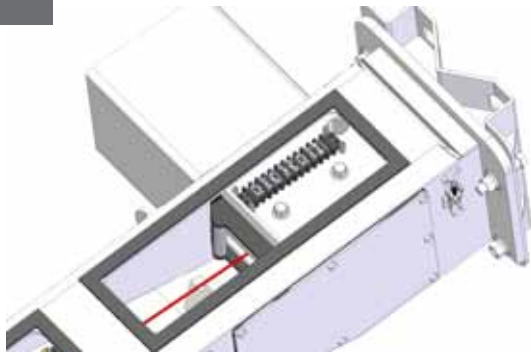
- If green light is ON, carriage is locked and ready for use
- If Red light is ON, carriage is not locked or in motion
- If Green/Red alternate on/off, the spool is empty. Turn key counter clockwise to real in the cable
- If Green/Red blinks slowly, there is low or no tension on the cable. Turn key counter clockwise to real in the cable
- If Green blinks twice then Red blinks twice. There is high tension on the line. Turn key clockwise to relieve tension on the cable and determine cause

Use standard RJ45 network patch cable. Plug directly into the top of the control box. DO NOT USE CROSS OVER CABLE.

- Utilice el cable estándar del remiendo de la red RJ45. Tape directamente en la tapa de la caja de control. NO UTILICE CRUZAN ENCIMA EL CABLE
- Employez le câble standard de correction du réseau RJ45. Branchez directement au dessus de la boîte de commande. N'EMPLOYEZ PAS CROISEMENT PLUS DE LE CÂBLE.
- Benutzen Sie Standard-Fleckenkabel des Netzes RJ45. Verstopfen Sie direkt in die Oberseite des Steuerkastens. VERWENDEN SIE NICHT KREUZEN VORBEI KABEL.
- Use o cabo padrão do remendo da rede RJ45. Obstrua diretamente na parte superior da caixa de controle. NÃO USE CRUZAM SOBRE O CABO.
- Usi il cavo standard della zona della rete RJ45. Inserisca direttamente la parte superiore della cassetta di controllo. NON USI ATTRAVERSANO SOPRA IL CAVO.

11

Wiring Connections

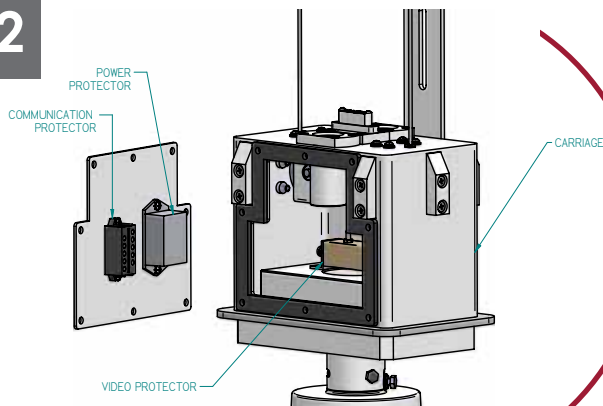


Connect appropriate gauge wire to the terminal block. Make sure the earth ground is sufficient in gauge. Be sure to replace protective cover once wiring is complete.

- Conecte el alambre apropiado del calibre con el bloque de terminales. Cercíese de que la tierra de la tierra sea suficiente en calibre. Esté seguro de substituir la cubierta protectora una vez que el cableado es completo.
- Reliez le fil approprié de mesure au TB. Assurez-vous que l'au sol de la terre est suffisant dans la mesure. Soyez sûr de remplacer le dispositif de couverture une fois que le câblage est complet.
- Schließen Sie passenden Lehrendraht an den Klemmenblock an. Stellen Sie sicher, dass der Erdeboden in der Lehre genügend ist. Seien Sie sicher, Schutzüberzug zu ersetzen, sobald Verdrahtung komplett ist.
- Conecte o fio apropriado do calibre ao bloco terminal. Certifique-se que a terra da terra é suficiente no calibre. Seja certo substituir a tampa protetora uma vez que a fiação está completa.
- Colleghi il legare adatto del calibro al blocchetto terminali. Assicuri che la terra della terra sia sufficiente in calibro. Sia sicuro sostituire la calotta di protezione una volta che i collegamenti sono completi.

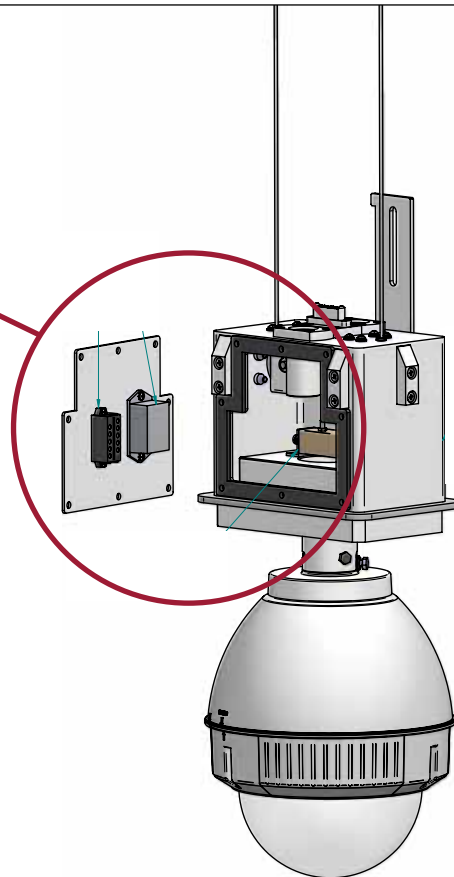
PA40D Models Only

12



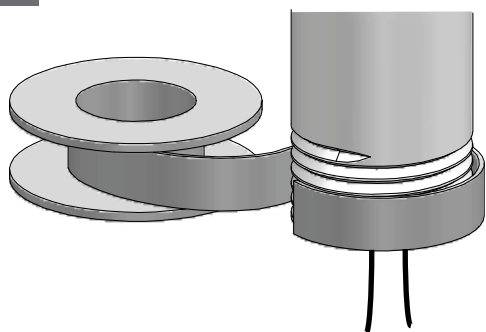
Using control box, lower PA40 carriage. Remove screws that secure the side plate. Make connection to the surge suppressors located in the carriage and on the carriage door.

- Usando la caja de control, un carro más bajo PA40. Quite los tornillos ese seguro la placa lateral. Haga la conexión a las amortiguadores de onda situadas en el carro y en la puerta del carro.
- Utilisant la boîte de commande, chariot PA40 inférieur. Enlevez les vis ce bloqué le plat latéral. Établissez le rapport aux dispositifs antiparasites de montée subite situés dans le chariot et sur la porte de chariot.
- Unter Verwendung des Steuerkastens untererer Wagen PA40. Entfernen Sie Schrauben dieses sichere die seitliche Platte. Stellen Sie Beziehung zu den Schwankungsentstörern her, die im Wagen und auf der Wagentür gelegen sind.
- Usando a caixa de controle, mais baixa carruagem PA40. Remova os parafusos esse seguro a placa lateral. Faça a conexão aos supressores de impulso situados na carruagem e na porta da carruagem.
- Per mezzo della cassetta di controllo, carrello più basso PA40. Rimuova le viti quel sicuro il piatto laterale. Faccia il collegamento ai limitatori di sovracorrente situati nel carrello e sul portello del carrello.



Enclosure Installation (Pendant Mount) -Sold Separately

13

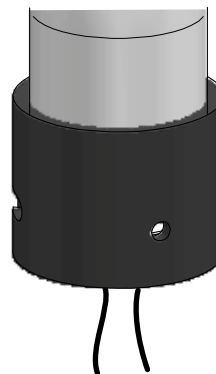


Wrap Teflon™ tape around the pipe threads to ensure a tight seal.

- La cinta del Teflon del abrigo alrededor de la pipa rosca para asegurar un sello apretado.
- La bande de teflon d'enveloppe autour de la pipe fileté pour assurer un joint serré.
- Verpackung Teflonklebeband um das Rohr verlegt, um eine feste Dichtung sicherzustellen.
- A fita adesiva do Teflon do envoltório em torno da tubulação enfia para assegurar um selo apertado.
- Il nastro del Teflon dell'involucro intorno al tubo filetta per accertare una guarnizione stretta.

Enclosure Installation (Pendant Mount) -Sold Separately

14

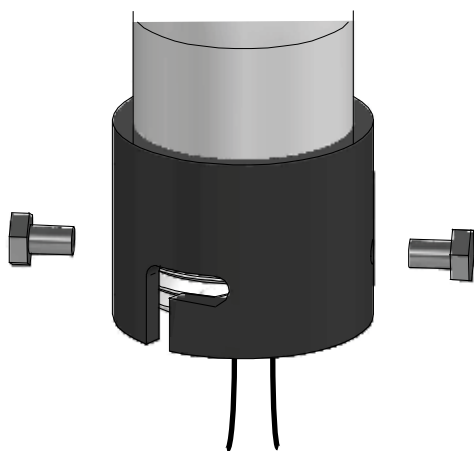


Screw the coupling onto the pipe threads until it is hand tight.

- Atornille el acoplador sobre los hilos de rosca de la pipa hasta que es mano firmemente.
- Vissez le couplage sur les fils de pipe jusqu'à ce que ce soit main fortement.
- Schrauben Sie die Koppelung auf die Rohrgewinde, bis es Hand fest ist.
- Parafuse o acoplamento nas linhas da tubulação até que esteja mão firmemente.
- Avviti l'accoppiamento sui filetti del tubo fino a che non sia fortemente mano.

Enclosure Installation (Pendant Mount) -Sold Separately

15

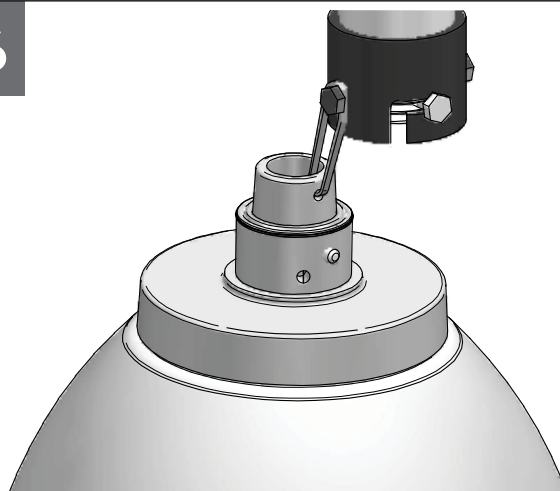


Screw the (2) bolts into the coupling.

- Atornille (2) los pernos en el acoplador.
- Vissez (2) les boulons dans l'accouplement.
- Schrauben Sie die (2) Schraubbolzen in die Koppelung.
- Parafuse (2) os parafusos no acoplamento.
- Avviti (2) i bulloni nell'accoppiamento.

Enclosure Installation (Pendant Mount) -Sold Separately

16

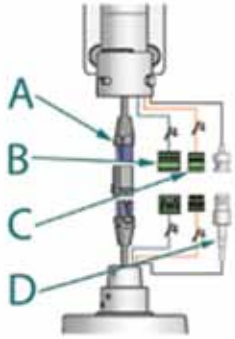


Loop the lanyard over the set screw to temporarily hold housing.

- Coloque el acollador sobre el tornillo de presión para celebrar temporalmente la cubierta.
- Faites une boucle la lanière au-dessus de la vis de réglage pour tenir temporairement le logement.
- Schlingen Sie die Abzuglinie über der Klemmschraube, um Gehäuse vorübergehend zu halten.
- Dê laços no colhedor sobre o parafuso de fixação para prender temporariamente a carcaça.
- Collegli la cordicella in circuito sopra la vite di arresto temporaneamente per tenere l'alloggiamento.

Enclosure Installation (Pendant Mount) -Sold Separately

17



A

RJ45

B

24VAC			POWER
1	Camera	Red	27 Watts
2	Camera	Orange	
3	Heater/Blower	Yellow	26 Watts
4	Heater/Blower	Green	

C

1/0		
1	Alarm 1	Blue
2	Alarm 2	Violet
3	Alarm 3	Gray
4	Common	White

D

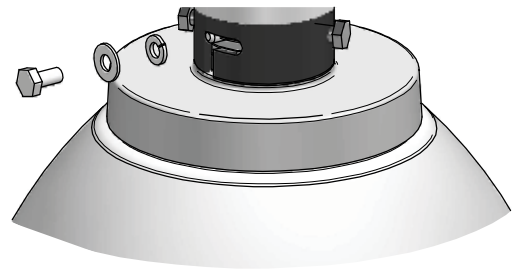
BNC

Make the appropriate male and female connections.

- Haga las conexiones masculinas y femeninas apropiadas.
- Établissez les rapports masculins et femelles appropriés.
- Stellen Sie die passenden männlichen und weiblichen Beziehungen her.
- Faça as conexões masculinas e fêmeas apropriadas.
- Faccia i collegamenti maschii e femminili adatti.

Enclosure Installation (Pendant Mount) -Sold Separately

18

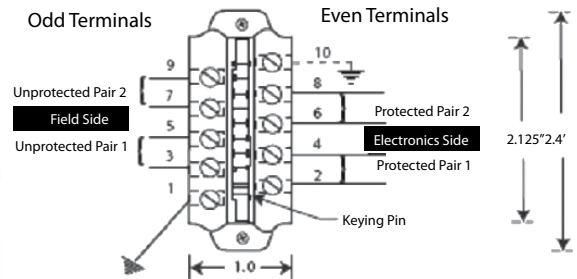
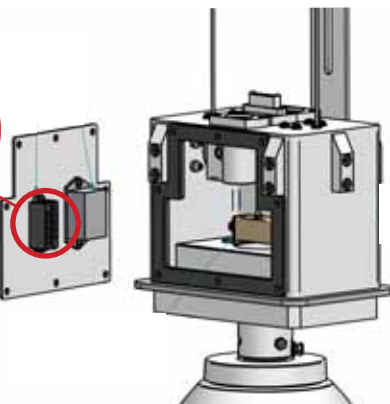


Undo the lanyard, pull housing up and twist secure with the locking bolt and washers.

- Deshaga el acollador, tire de contener para arriba y tuerza seguro con el perno y las arandelas de fijación.
- Défaites la lanière, tirez loger vers le haut et tordez bloqué avec le boulon et les rondelles de fermeture.
- Annulieren Sie die Abzuglinie, ziehen Sie oben unterbringen und verdrehen Sie sicheres mit dem verriegelschraubbolzen und den Unterlegscheiben.
- Undo o colhedor, puxe abrigo acima e torça seguro com o parafuso e as arruelas travando.
- Undo la cordicella, tiri l'alloggio in su e torca sicuro con il bullone e le rondelle di bloccaggio.

PA40D Models Only

19



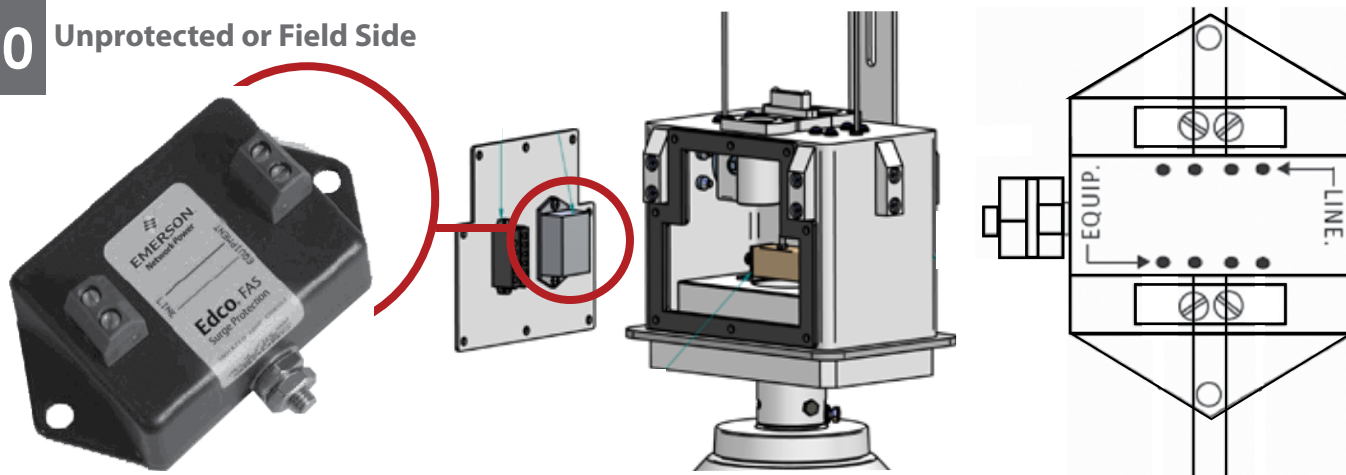
Ground Terminal 1 or 10 to Building Approved Ground

Brown	TXA	terminal 9
Orange	TXB	terminal 7
Green	RXA	terminal 5
Blue	RXB	terminal 3

Connect the dome communication wires to the "Protected Pair" of the surge protector. Connect PA40 wires to the "Unprotected pair". Use the following order for the PA40 wires. Refer to the camera dome installation instruction for communication wire color.

- Conecte los alambres de la comunicación de la bóveda con los "pares protegidos" del protector de oleada. Conecte los alambres PA40 con los "pares desprotegidos". Utilice la orden siguiente para los alambres PA40. Refiera a la instrucción de instalación de la bóveda de la cámara para el color del alambre de la comunicación.
- Reliez les fils de communication de dôme « aux paires protégées » du protecteur de montée subite. Reliez les fils PA40 « aux paires non protégées ». Employez l'ordre suivant pour les fils PA40. Réferez-vous à l'instruction d'installation de dôme d'appareil-photo pour la couleur de fil de communication.
- Schließen Sie die Haubekommunikationsdrähte an die „geschützten Paare“ des Überspannungsableiters an. Schließen Sie Drähte PA40 an die „ungeschützten Paare“ an. Verwenden Sie den folgenden Auftrag für die Drähte PA40. Beziehen Sie sich die auf Kamerahaube-Montagevorschrift für Kommunikationsdrahtfarbe.
- Conecte os fios de uma comunicação da abóbada "aos pares protegidos" do protetor de impulso. Conecte os fios PA40 "aos pares desprotegidos". Use a seguinte ordem para os fios PA40. Refira a instrução de instalação da abóbada da câmera para a cor do fio de uma comunicação.
- Collegli i legare di comunicazione della cupola "agli accoppiamenti protettivi", della protezione di impulso. Collegli i legare PA40 "agli accoppiamenti non protetti". Usi il seguente ordine per i legare PA40. Riferisca all'istruzione di installazione della cupola della macchina fotografica per colore del legare di comunicazione.

20 Unprotected or Field Side



Connect the RED wire and GREEN wire to the "LINE" of the surge protector. Connect the dome and camera power to the "EQUIP" side. Attach ground wire to ground stud, use green wire with white trace. Refer to the camera dome installation manual for conductor colors.

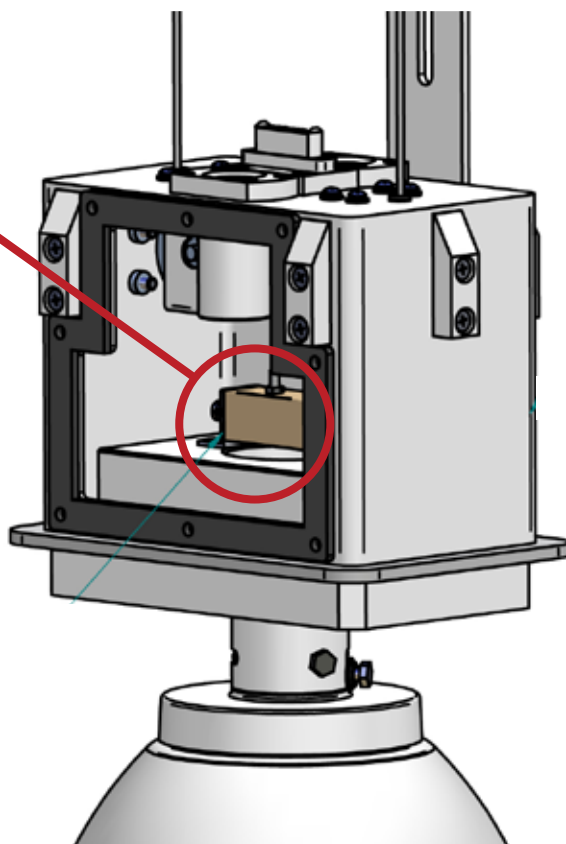
- Conecte el alambre ROJO y el alambre VERDE con la "LÍNEA" del protector de oleada. Conecte la bóveda y la energía de la cámara a "EQUIPA" el lado. Ate el alambre de tierra al perno prisionero de tierra, utilice el alambre verde con el rastro blanco. Refiera al manual de la instalación de la bóveda de la cámara para los colores del conductor.
- Reliez le fil ROUGE et le fil VERT à la « LIGNE » du protecteur de montée subite. Reliez le dôme et la puissance d'appareil-photo au « ÉQUIPENT » le côté. Attachez le fil de masse au goujon moulé, employez le fil vert avec la trace blanche. Référez-vous au manuel d'installation de dôme d'appareil-photo pour des couleurs de conducteur.
- Schließen Sie den ROTEN Draht und GRÜNEN Draht an die „LINIE“ des Überspannungsableiters an. Schließen Sie die Haube an und Kameraenergie zu „RÜSTEN“ Seite aus. Bringen Sie Erdungsdraht zum Grundbolzen an, benutzen Sie grünen Draht mit weißer Spur. Beziehen Sie sich das auf Kamerahaubeinstallationshandbuch für Leiterfarben.
- Conecte o fio VERMELHO e o fio VERDE à "LINHA" do protetor de impulso. Conecte a abóbada e o poder da câmera ao "EQUIPA" o lado. Una o fio à terra ao parafuso prisioneiro à terra, use o fio verde com traço branco. Refira o manual da instalação da abóbada da câmera para cores do condutor.
- Collegli il legare ROSSO ed il legare VERDE "alla LINEA,, della protezione di impulso. Collegli la cupola ed il potere della macchina fotografica al "DOTA,, il lato. Attacchi il filo di messa a terra alla vite prigioniera a terra, usi il legare verde con la traccia bianca. Riferisca al manuale dell'installazione della cupola della macchina fotografica per i colori del conduttore.

21



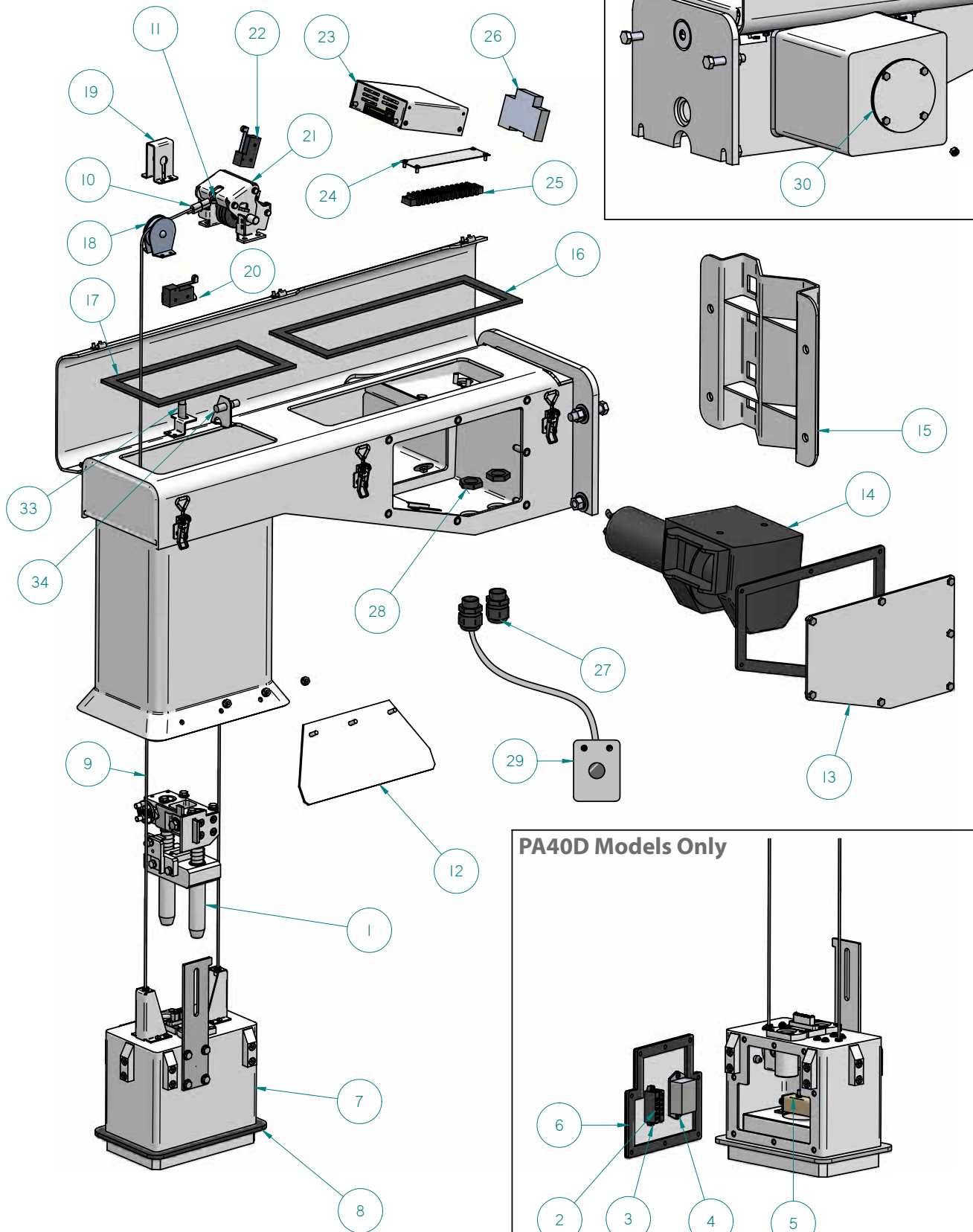
Connect the dome video into the surge protector. Connect the PA40 video connector to the other end. Attach ground wire to ground stud use green wire with white trace.

- Conecte el vídeo de la bóveda en el protector de oleada. Conecte el conector video PA40 con el otro extremo. Ate el alambre de tierra al alambre de tierra del verde del uso del perno prisionero con el rastro blanco.
- Reliez la vidéo de dôme dans le protecteur de montée subite. Branchez le connecteur PA40 visuel à l'autre extrémité. Attachez le fil de masse au fil moulé de vert d'utilisation de goujon avec la trace blanche.
- Schließen Sie das Haubevideo in den Überspannungsableiter an. Schließen Sie das videoverbindungsstück PA40 an das andere Ende an. Bringen Sie Erdungsdraht zum Grundbolzengebrauch-Gründraht mit weißer Spur an.
- Conecte o vídeo da abóbada no protetor de impulso. Conecte o conector PA40 video à outra extremidade. Una o fio à terra ao fio à terra do verde do uso do parafuso prisioneiro com traço branco.
- Collegli il video della cupola nella protezione di impulso. Collegli il video connettore PA40 all'altra estremità. Attacchi il filo di messa a terra al legare a terra di verde di uso della vite prigioniera con la traccia bianca.



Replacement Parts List

PA40 Lowering Arm



Replacement Parts List

PA40 Lowering Arm

PART #	DESCRIPTION
1 RPVL3422	LOCKING MECHANISM ASSEMBLY
2 RPSPPA403	EDCO COMM PROTECTOR
3 RPSPA401	EDCO COMM SOCKET
4 RPSPPA402	EDCO POWER PROTECTOR
5 RPSPPA401	EDCO VIDEO PROTECTOR
6 RPJBOX	JUNCTION BOX DOOR KIT
7 RPVL3272	CARRIAGE ASSEMBLY
8 RPGK3397	JUNCTION BOX BOTTOM SEALING
9 RPPVWROP	304 SS STEEL ROPE
10 RPPVSLVE	OVAL SLEEVE FOR 1/8 DIA ROPE
11 RPPVTHMB	304 SS WIRE ROPE THIMBLE
12 RPVL3444	ANTISWAY PLATE
13 RPWDR	WINCH ACCESS DOOR KIT
14 RPPVWNCH	WINCH
15 RPVL3332	POLE MOUNT BRACKET
16 RPGK3393	BACK ACCESS DOOR SEALING
17 RPGK3347	ARM ACCESS DOOR SEALING
18 RPPVPULY	PULLEY
19 RPVL3234	WIRE SHIELD
20 RP7090K38	SNAP ACTING SWITCH
21 RPVL3530	TENSION MECHANISM
22 RP7090K38	SNAP ACTING SWITCH
23 RPVL3531	POWER BOX ASSEMBLY
24 RPVL3569	CONNECTOR SHIELD
25 RPWPTB7	TERMINAL BLOCK CONNECTOR
26 RPSPPA404	EDCO 120V SURGE PROTECTOR
27 RPFSTR21	LIQUID TIGHT CORD GRIP
28 RPFSSR11	LOCK NUT
29 RPCBPA40	CONTROL BOX
30 RPFSDR	FUSE ACCESS DOOR KIT
31 RPBAB34	HARDWARE FOR 3/4 SS BAND STRAPPING
32 RPSPBS01	3/4"x0.030" 201 SS BAND STRAPPING
33 RPVL248858	TS12-02N SENSOR
34 RPVLAAPAL2	7 mm PROXIMITY SENSOR XS212AAPAL2
35 RPVL3750	TWIST SWITCH MOUNTING BRACKET SUBASSEMBLY

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Videolarm ATTN: Warranty
2525 Park Central Ave.
Decatur, GA 30035

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Videolarm Product ID _____ Product Description _____

Serial # _____

(Available only for Camera Systems, IR Illuminators, Wireless Devices)

PO# _____