

INSTALLATION INSTRUCTIONS

Product

Revision

Form

Rev.E

INST-436

7160-0198 SEMI-TRUCK/CLASS 8 VEHICLE BASE

INTERNATIONAL (2005+) & (2002 & older)

FREIGHTLINER (2005+)

PETERBILT (2005+)

KENWORTH (2005+)

VOLVO (2005+)

MACK (2005+)

STERLING (2005+)

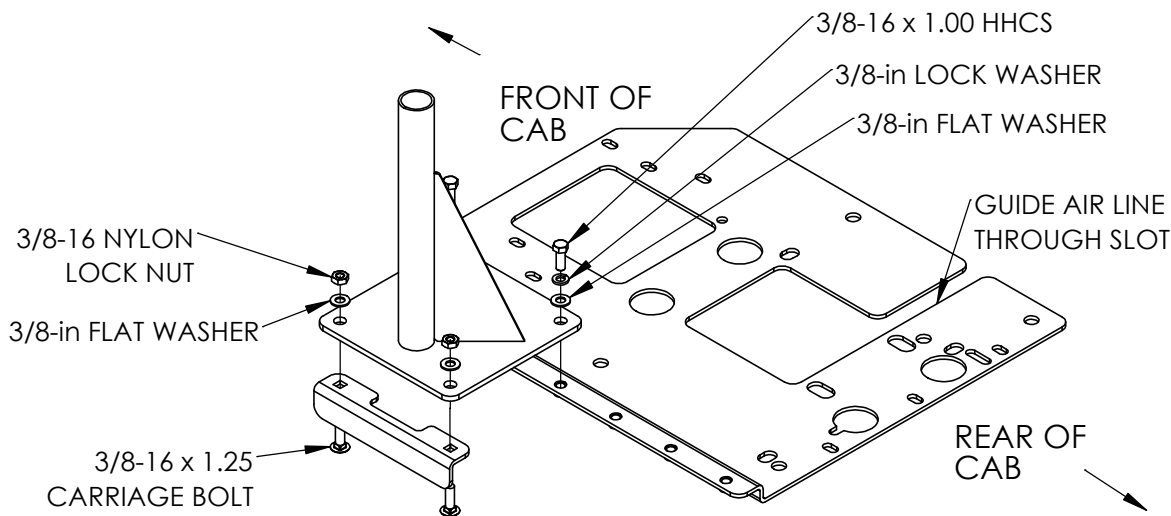
WESTERN STAR DAY CAB (2005+)

Printing Spec: PS-001

The class 8 vehicle base will allow a user to mount a DS-52 base as a no-drill solution. This base will mount to the passenger side seat, Four positions of the DS-52 and four positions on the base provide the user with 16 different mounting positions.

Mounting the Base:

1. Remove and set aside the fasteners securing the passenger seat to the cab of the truck.
2. Remove and set aside the fasteners securing the seat belt strap from the side of the seat.
3. Slide only the base plate under the seat. Guiding the air line, if present, through the slot in the base plate.
4. Align the appropriate holes in the plate and seat with the holes in the cab of the truck. See sheet 2 for the appropriate holes.
5. Secure the seat belt strap to the seat.
6. Secure the seat to the cab of the truck.



Product Mounting Disclaimer

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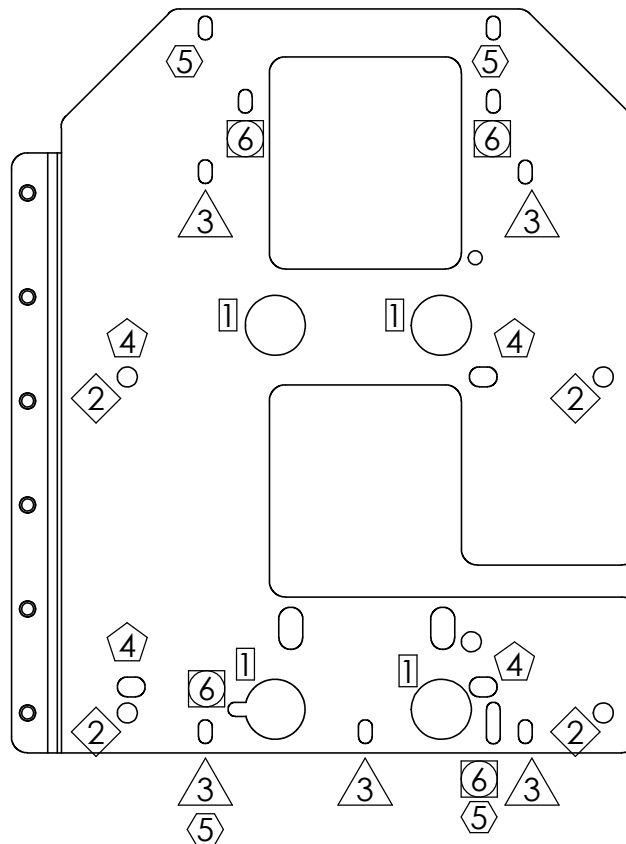
If you need assistance or have questions, call Gamber-Johnson at 1-800-456-6868

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Mounting the DS-52:

1. Secure the small foot bracket to the DS-52 using the supplied (2) 3/8-16 x 1.25-in carriage bolts, (2) 3/8-in flat washers and (2) 3/8-in nylon lock nuts.
2. Position the DS-52 assembly over the preferred holes in the base plate.
3. Secure the DS-52 assembly to the base using the supplied (2) 3/8-in flat washers, (2) 3/8-in lock washers and (2) 3/8-16 x 1.00-in hex head cap screws.

Class 8 Vehicle OEM	Hole Pattern
Freightliner	1
International (2005+)	2
International (up to 2002)	4
Kenworth	1 & 5 & 6
Peterbilt	1 & 5
Mack	1
Volvo	3
Western Star	1



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WARNING

- You must read and follow all of these installation instructions. Failure to follow all of these installation instructions may result in serious bodily injury or death.
- Keep these installation instructions with the product and readily available in the vehicle for future reference of other users of the product. Additional copies of the installation instructions can be obtained from Gamber Johnson.
- If you need assistance or have any questions, call Gamber-Johnson at 1-800-456-6868.
- Do not remove warning label from product under any circumstances.
- Before installation of any equipment always check area for routing of wires / cables and if drilling is required, check the area above and below the drilling area.
- High speed vehicle turns may cause a motion attachment product to swivel, interfering with the driver or other equipment.
- The Vehicle Base, Upper Pole, Motion Attachment and Dock or Cradle should not be positioned in the area where the airbag will be deployed if it is activated. DO NOT position the equipment in front of an airbag. Equipment positioned in front of an airbag can cause serious injury or death if an airbag is activated, such as in an accident.
- The installer and user of this product(s) are responsible for installing and using Upper Pole, Motion Attachment and Dock or Cradle assemblies outside the airbag deployment zone. (See Product Mounting Disclaimer Below)
- If installation of the equipment requires that the equipment be placed in front of an airbag, deactivate the airbag in the vehicle so it cannot be activated in an accident. In order to secure permission for deactivating the airbag in these circumstances, contact the National Highway Traffic Safety Administration at 1-800-424-9393 to gain permission to do so. If you have any questions or need assistance, call Gamber Johnson at 1-800-456-6868.

Product Mounting Disclaimer

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INSTALLATION INSTRUCTIONS

Product

7160-0230 POLE BRACE-SHORT
7160-0231 POLE BRACE-LONG

Revision

Rev B

Form

INST-460

Printing Spec: PS-001

7160-0230 Pole Brace-Short is for installations where a brace length in a range from 10.25" up to 16.25" is needed.

7160-0231 Pole Brace Long can accommodate installations requiring a brace from 10.25"*** up to 35.25" inches

**Lengths less than 29.25" require cutting.

Assembly

Slide the Brace Clamp onto the Outer tube.
DO NOT tighten at this time. Slide the inner tube into the outer tube.

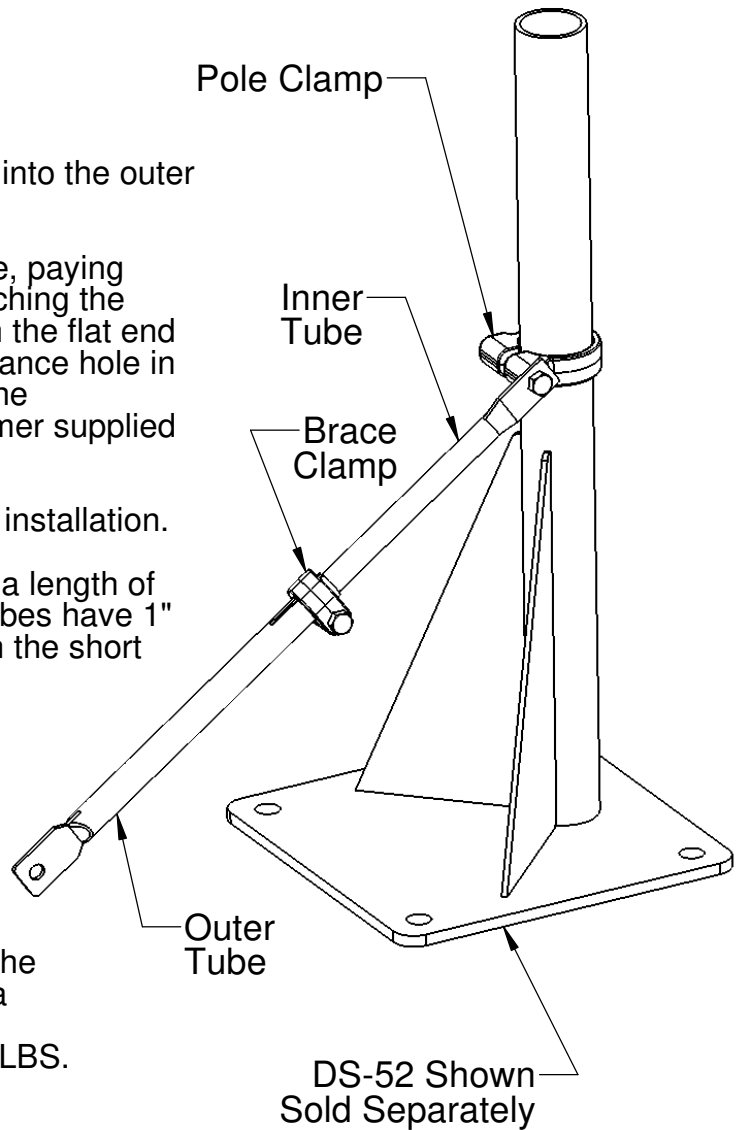
Slide the Pole Clamp over the pedestal base tube, paying attention which side will be most suitable for attaching the brace. Insert the bolt provided through the hole in the flat end of the inner tube. Insert the bolt through the clearance hole in the Pole Clamp and tighten to 15 in/lbs. Attach the other end of the brace to the vehicle using customer supplied hardware.

The flat ends of the brace may be bent to fit your installation.

When positioning the short brace, do not exceed a length of 16.25". It is recommended that the short brace tubes have 1" of overlap, and so you cannot exceed 16.25" with the short brace.

When fitting a Long Brace, it may be necessary to cut the inner tube to a length suitable for your installation. It is recommended on installations requiring the long brace that the inner tube have 2" minimum of insertion into the outer tube and may have a maximum of approximately 6".

With vehicle end of the brace located. "Preload" the brace by pushing the top of the pedestal tube in a direction to extend the brace slightly ($1/16$ $1/8$ inch), then tighten the Brace Clamp bolt to 15 IN/LBS.



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INSTALLATION INSTRUCTIONS

Product

7160-0177, 7160-0178

Center Upper Pole Assemblies - 5" & 7"

Revision

Rev D

Form

INST-412

Printing Spec: PS-001

The Center Upper Pole Assemblies are used with any DS Lower Tubes or DS Vehicle Bases with an integrated lower tube.

Remove the (4) .25x 20 x .625 hex head flange bolts holding the upper bracket to the tube.

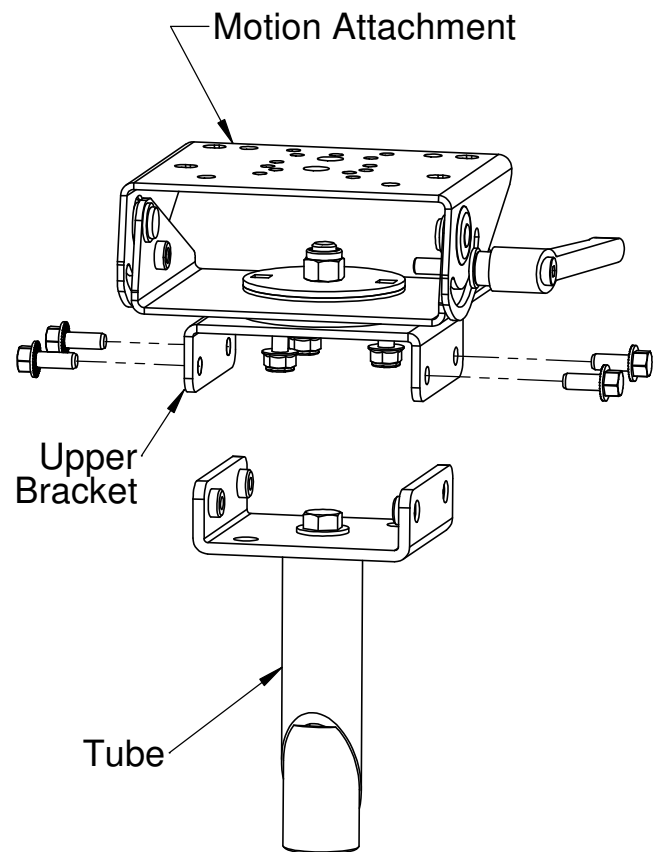
Assemble the Motion Attachment device being used to the upper bracket.

Reattach the upper bracket to the tube with the (4) .25x 20 x .625 hex head flange bolts that were previously removed.

Insert the Center Upper Pole Assembly into the Lower Tube or the Vehicle Base being used.

While holding the Center Upper Pole Assembly at the desired position, tighten the center bolt securely with a 9/16" open-end wrench.

Two 3/8" dia holes are provided as a strain relief tie down points for use with a security cable.



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INSTALLATION INSTRUCTIONS

Product**7160-0220****7160-0928****MONGOOSE LOCKING SLIDE ARM****Revision**

REV. I

Form

INST-451

Printing Spec: PS-004**WARNING**

- You must read and follow all of these installation instructions. Failure to follow all of these installation instructions may result in serious bodily injury or death.
 - Do not install or use the Mongoose Locking Slide Arm in the area in which the airbag on the vehicle will be deployed if it is activated. The installer and user of the Mongoose Locking Slide Arm are responsible for installing and using the Mongoose Locking Slide Arm outside the area in which an airbag will be deployed if activated. (See Product Mounting Disclaimer Below)
 - Keep these installation instructions with the product and readily available in the vehicle for future reference of other users of the product.
 - Additional copies of the installation instructions can be obtained from Gamber-Johnson.
- If you need assistance or have any questions, call Gamber-Johnson at 1-800-456-6868.

Installation:

The Mongoose Locking Slide Arm mounts directly to a Center Upper Pole or other type of mounting equipment that contains a Gamber-Johnson swivel pattern cutout.

To mount on a Center Upper Pole or other type of mounting equipment that contains a Gamber-Johnson swivel pattern cutout, set the arm on the mount so the 1/4-20unc studs protrude through the curved cutouts. Two studs should protrude through one of the cutouts and one stud should protrude through the opposite cutout. Attach with the flanged lock nuts that are supplied. (See Figure 1.)

Product Mounting Disclaimer

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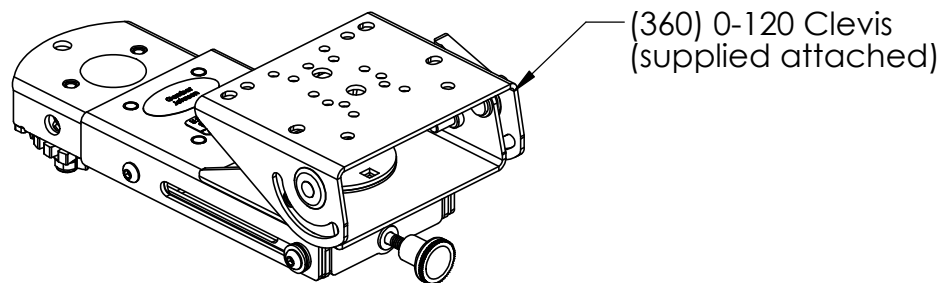
If you need assistance or have questions, call Gamber-Johnson at 1-800-456-6868

How to use the Mongoose Locking Slide Arm:

The Mongoose Locking Slide Arm is designed to accommodate four motions of adjustment. The first being a 360 degree swivel that is actuated by the front lever. Pulling out on the lever releases the gear latch located in the base and allows the mount to swivel. To latch the arm in place, position the arm in the desired location and release the spring loaded lever. Wiggle the arm back and forth to make sure the lever has engaged the teeth on the gear.

The second motion is the slide. To actuate the slide, pull out and hold the spring loaded pin. Pull the mount along the slide a minimum of 1/2" before releasing the pin to ensure the mount does not latch back in the stowed position. Once you have released the pin, pull forward on the mount until it is located in the desired position. The third motion is the clevis swivel. The clevis can swivel 360 degrees for assembly 7160-0220. The fourth motion is the clevis tilt. The amount of clevis tilt will depend on the type of Mongoose Locking Slide Arm that was purchased. 7160-0220 tilts in one direction. 7160-0220 comes complete with a 360 degree 0-90 type Clevis.

Note: Do not use this product if either latch mechanism is disabled or missing. The product should be out of the airbag zone with the slide in the latched position when the vehicle is in use.



7160-0220



- The Mongoose Locking Slide Arm and upper level equipment should not be positioned in the area where the airbag will be deployed if it is activated. DO NOT position the equipment in front of an airbag. Equipment positioned in front of an airbag can cause serious injury or death if an airbag was activated, such as in an accident.

- If installation of the equipment requires that the equipment be placed in front of an airbag, deactivate the airbag in the vehicle so it cannot be activated in an accident. In order to secure permission for deactivating the airbag in these circumstances, contact the National Highway Traffic Safety Administration at 1-800-424-9393 to gain permission to do so. If you have any questions or need assistance, call Gamber-Johnson at 1-800-456-6868.

Hole Template

Please use this template below when drilling to mount. Ensure that when printing it is done to a 1:1 scale.

