



Installation Instructions

PART NUMBER	162-8068	
PART DESCRIPTION	DETECTOR SUPPORT BRACKET	
REV DATE	09/05/2012	
MACHINE MODELS		

TOOLS NEEDED	PARTS
(1) 3/8 WRENCH OR SOCKET AND RATCHET (1) 7/16 WRENCH OR SOCKET AND RATCHET (2) 9/16 SOCKET AND RATCHET WITH EXTENSION	
TECHNICAL NOTE	
Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop and contact our Tech Support department at the numbers listed below.	

STEPS

WARNING! Always remove power to pinsetter by turning off main circuit breaker and disconnecting high voltage input power cord to electrical box when performing service work.

The purpose of the detector support bracket is to add stability to the OEM mounting and to keep the detector assembly in a firm position. The slotted mounting holes on the top and bottom of the detector support bracket provide for a range of adjustment to allow for various gearboxes.



Within USA - 1-800-280-2695
 Outside USA - +1 863-734-0200
www.kegel.net
 E-Mail: tech@kegel.net

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- 1) Using a 9/16 socket and ratchet with extension, remove the 3/8 X 16 nut, lock washer and washer from the foul line facing U-bolt that holds the gearbox onto the crossbrace.
- 2) Depending on your hardware you will either need a 3/8 or 7/16 to remove the 1/4 X 20 bolt in the top right corner of the detector assembly that secures the detector to the 1 to 1 cover plate. (See figure 1)
- 3) Install the detector support bracket over the top of the U-bolt where the nut was removed but do not install the nut and lockwasher at this time.
- 4) Using the new hardware provided with the kit, use a 7/16 and install in the following sequence: Bolt, lock washer, fender washer on outside of bracket then place the other fender washer on the inside of the bracket followed by the spacer. Thread the new bolt through the detector assembly and back into the 1 to 1 cover plate until the lock washer is compressed and the bolt is tight. (See figure 1)
- 5) Replace the 3/8 nut and lock washer that was removed earlier back onto the U-bolt and tighten.



(Fig 1)