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# **PISTORIUS**

**MACHINE CO., INC.**

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PHONE: 516-582-6000  
FAX: 516-582-6278  
E-Mail: [info@pistorius.com](mailto:info@pistorius.com)  
Web Site: <http://www.pistorius.com>

1785 EXPRESS DRIVE, HAUPPAUGE, NEW YORK, U.S.A. 11788

# **#9G ELECTRONIC DIGI GAGE™**

PATENT #5,327,653

**OPERATING INSTRUCTIONS**

**SERVICE & PARTS MANUAL**

SERIAL NUMBER \_\_\_\_\_

PISTORIUS #9G ELECTRONIC DIGI GAGE™

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PARTS LIST

## GENERAL DESCRIPTION

A new, low cost digital electronic lineal measurement system, for outside (tip to tip) or inside (rabbet) measurements for nearly all types of material.

The new #9G Electronic Digi-Miter™ gage (patent #5,327,653), will allow virtually any operator to make error free stop settings. This will improve quality control and help eliminate incorrectly cut parts.

Designed specifically to fit the Pistorius line of double miter saws, it can also be used on nearly all machines of similar design and manufacture. For machines other than Pistorius saws, it may be necessary for the installer to fabricate a mounting bracket or adapter to suit that particular type of machine.

A sensing device is provided to calibrate the stop to the material width being cut. The information is entered into the computer (only once) for any width being processed. The stop is then positioned as required for the inside (rabbet) length measurement, desired in inches (decimals), fractions or millimeters.

The gage bar is available in several standard sizes up to a maximum length of 96" and is provided with an outboard support leg. Gages can be provided for either left or right hand mounting. Low glare black anodizing is applied to the extruded gage bed to protect the wear surfaces for a longer life.

The Digi-Miter™ gage eliminates the need to rely on the operator setting the stop to a tape scale. It can instantly switch from inch (decimals) to metric. The unit operates on standard D batteries.

The heart of the unit is a digital pulsing scale and hall effect reader which is designed for a long trouble free life. Dirt, chips or dust have no effect on the operational functions of the unit.

## MACHINE SPECIFICATIONS

Electrics (standard) .....	Two D batteries
Battery life .....	One year normal use
Compressed air .....	None required
Material width capacity (standard) .....	4" (101mm)
Rabbit sensor height adjustment (standard) .....	3-1/2" (89mm)
Minimum length cut (tip to tip) .....	4" (102mm)
Maximum length cut (tip to tip) .....	56" (1422mm) 80" (2032mm) 104"(2642mm)
Keypad .....	5 key
Measuring units .....	Decimals (imperial - inch) Millimeters (metric) Fractions in three modes 1/64", 1/32" & 1/16"
Display (LCD); Decimals .....	3 decimal places (thousandths) 999.999
Millimeters .....	2 decimal places (hundredths) 9999.99
Fractions .....	99 63/64"
Repetitive accuracy .....	Decimals -± 0.015" Metric - 0.4mm
Maximum speed of read head .....	45 feet per second
Weight (48") .....	118 lbs. (53 kg.)
(72") .....	138 lbs. (63 kg.)
(96") .....	157 lbs. (71 kg.)

WARRANTY  
(See back of invoice)

The products covered herein are warranted, for a period of six (6) months from date of shipment, against defects in material and workmanship under normal use and service by Buyer. NO OTHER WARRANTIES ARE TO BE IMPLIED WITH RESPECT THERE-TO. The liability of Seller under its warranty is limited to adjustment, in accordance with the Warranty Adjustment Terms set forth below, for products which are found to be defective by Seller in the form in which they were originally shipped. In no event will Seller be liable for collateral, consequential or other damages of any kind or nature.

WARRANTY ADJUSTMENT TERMS

- (a) Adjustments will be limited to claims which are presented promptly after the product is found to be defective, and within the aforesaid warranty period.
- (b) All products claimed to be defective will be subject to an inspection and test by Seller. Normally, Seller will request return of products for inspection and testing. However, Seller reserves the right to make inspection and test on buyer's premises. Returns are to be made only as and if authorized in writing by Seller.
- © Buyer will pay all packing, inspection, labor, and transportation costs involved. Credit for the transportation costs will only be issued by Seller provided adjustment subsequently is allowed.
- (d) No adjustment will be allowed for products which have been subjected to abuse, improper installation or application, alteration, accident or negligence in use, storage, transportation or handling; nor for products on which original identification markings have been removed, defaced or altered.
- (e) Final determination as to whether any adjustment is allowable, and as to the extent thereof, rests with the Seller. Full adjustment, if allowed, will normally be replaced in kind on an exchange basis. Pro rata adjustment, if allowed, will be made by the issuance of credit. In all cases, however, Seller reserves the right to make adjustment by repair, replacement or credit.
- (f) Replacements for products found subject to adjustment, whether new or repaired, will be shipped F.O.B. city of destination with transportation charges prepaid by Seller.

RESPONSIBILITY OF INSTALLATION

Buyer shall install machinery purchased from Seller at Buyer's cost and expense, unless otherwise expressly stipulated, in writing: At the request of Buyer, Seller will recommend competent engineers to supervise the installation and to instruct the Buyer in the proper operation of the machinery and equipment. During such period of supervision and instruction, such personnel shall be deemed to be employees of the Buyer who shall pay the wages, remuneration, board and traveling expenses of such personnel. Seller's recommendation of such personnel shall not make Seller liable, directly or indirectly, in any manner whatsoever, for any damages resulting from any act of commission, or omission or any misfeasance, on the part of any of said personnel.

IMPORTANT NOTICE TO PURCHASER AND USER

All material contained herein is based on tests and information we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use or the inability to use the product described herein. Manufacturer offers inspection by buyer and user of product prior to shipment from factory with adequate notice. **BEFORE USING, USER SHALL SOLELY DETERMINE THE SUITABILITY OF THE PRODUCT FOR HIS INTENDED USE AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION WITH STRICT COMPLIANCE WITH FEDERAL, STATE AND LOCAL HEALTH AND SAFETY ORDINANCES TO ITS INTENDED USE.**

## SECTION 1: INSTALLATION

### 1.1 UNPACKING/INSPECTION

Upon receipt, check the gage and shipping container for any damage. Report any transportation damage to the delivering carrier and indicate same on the bill of lading, and request an immediate inspection for assessment of damage. Claim should then be entered with the carrier. In the event of any damage or shortage we are willing to assist you in every possible way in collecting claims for loss or damage. This willingness on our part does not make us responsible for collection of claims or replacement of the material. **Caution!** *When unpacking the machine use caution for sharp nails, screws or wood splinters. It is recommended to use protective safety glasses and gloves while unpacking.*

### 1.2 PLACEMENT

After unpacking, select a suitable location, allowing enough room around the machine for safe unobstructed work flow (material handling), cleaning and maintenance.

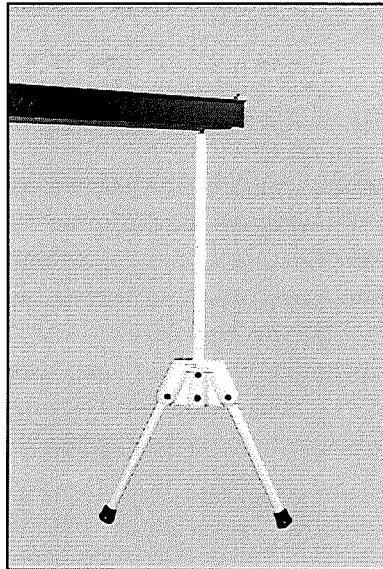
### 1.3 SEATING & ASSEMBLY

The machine that the gage will attach to should sit firmly on the ground without rocking or wobbling. If necessary shim under the machine legs to compensate for an uneven floor. If the machine has mounting holes, secure the machine to the floor if possible. The gage outboard support leg is provided with rubber feet. If a permanent installation is desired, optional foot mount castings (part number CA-5234-1-G) are available from the factory to allow the leg to be secured to the floor.

The #9G gage is provided standard for right hand mounting. That means that the gage bar will be mounted on the right hand side of the machine when facing the machine. These instructions have been written assuming that the gage is for right hand installation. If the gage is for left hand installation the procedure is identical with the exception of installing the gage bed to the left hand side of the machine. These instructions are based on installation on a late model air operated Pistorius double miter saw.

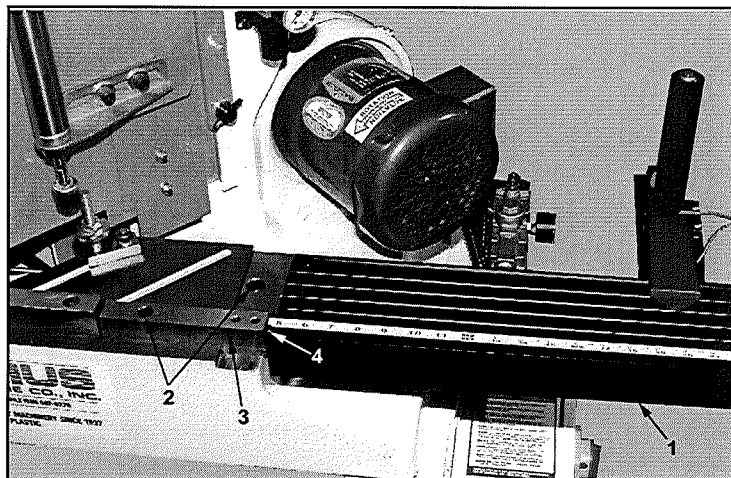
The gage will require only a minimum amount of assembly.

- 1 - Locate and assemble the tripod type outboard support leg (see illustration 1) using the supplied 5/16" long arm allen wrench. The leg consists of four major components, one cast iron union, one 1-1/4" diameter center support shaft and the two 1" diameter legs. Two rubber feet and assembly screws are also included.
- 2 - Slide the two 1" round bars into the precast holes on each side of the union casting. To be sure that the leg shaft is bottomed in the cast union, hit the end of the leg shaft with a hammer to seat it all the way down. After both legs are inserted, secure with the allen cap screws. Slide the rubber feet over the ends of the leg shafts. If the optional cast aluminum feet were ordered, slide these on in place of the rubber feet and secure with the allen screws. Slide the 1-1/4" diameter center bar into the center hole of the cast iron union with the countersunk hole facing up.



**ILLUSTRATION 1**

- 3 - Locate the gage bed (1) which is the long black anodized aluminum extrusion . See illustration 2. With a helper lift the unit from the crate (use extreme care not to damage the magnetic pulsing scale located on the bottom surface of the gage). Place the end of the steel mounting bracket (3), located on the left hand side of the gage, onto the table of the machine so that the fence extension drops into the 1" wide machined slot. Insert the two flat head allen bolts and the cap type allen bolt (2) through the gage and the machine table. Using the supplied washers and nuts loosely tighten the gage bar into place while a helper supports the outboard end of the gage bar. Install the adjustable support leg into the T slot located on the underside of the gage bed extrusion. Position the support leg approximately two thirds of the total distance from the machine end. To tighten the leg into position rotate the center shaft of the leg tripod.
- 4 - Be sure that the fence on the gage bar is in line with the fences on the machine. Be sure that the gage bed is in line with the table of the machine. Use a long straight edge to check carefully. This is important to ensure that the gage is in line with the machine table and not adversely affect the cutting angles.



**ILLUSTRATION 2**

## **1.4 ELECTRIC CONNECTION**

There is no electrical connection required as the computer is powered by two D batteries. The gage is supplied complete with an initial set of batteries installed. Batteries will last under normal use approximately four to six months. Grounding of the unit is not necessary.

## **SECTION 2: OPERATION**

### **2.1 KEYPAD/FUNCTIONS**

The digital reader and LCD display are easy and accurate to use. It offers four measurement modes;

#### **1 - MEASUREMENT MODES**

- a - Measurements are displayed in sixteenths of an inch. Bars are used to indicate increments above the indicated value. Each bar represents 1/64th of an inch.
- b - Measurements are displayed in thirty-seconds of an inch. Bars are used to indicate increments above the indicated value. Each bar represents 1/64th of an inch.
- c - Measurements are displayed in sixty-fourths of an inch. No bars are displayed.
- d - Measurements are displayed in millimeters to the closest one-hundredth millimeter.
- e - Measurements are displayed in inches to the closest one thousandth inch.

#### **2 - KEYPAD**

Prior to calibration and operation of the unit it is necessary to become familiar with the alphanumeric keypad and the function of each key. See illustration 3.

- On/off** Turns display on or off. Note; Even when the display is turned off, all settings as well as the calibration is saved.
- Mode** Changes the units of measure (metric, fractions or decimal inch).
- + key** Used for calibration. Press to increase the displayed value. Hold down to quickly increase the displayed value.
- key** Used for calibration. Press to decrease the displayed value. Hold down to quickly decrease the displayed value.

On/off and Mode; Pressing these two keys nearly simultaneously locks the keypad so that the calibration setting cannot be changed. Once this is done you will see a flashing "mm" or "in" to the right of the display screen. Pressing these two keys again unlocks the keypad.



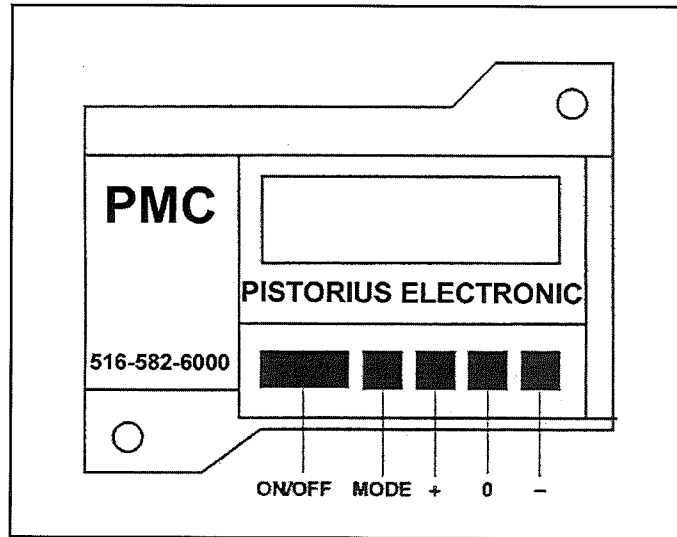


ILLUSTRATION 3

## 2.2 CALIBRATION

When to calibrate - Calibration is only necessary on initial installation to enter the numerical value representing the stop position relative to the saw blade on the machine, or when changing batteries or if the read head is unplugged from the display housing.

If a sawblade with a substantial difference in thickness is installed on the machine it would be desirable to recalibrate to ensure accuracy, however since most sawblades are very close in thickness this is not likely to be necessary.

TO CALIBRATE:

- 1 - Turn on the power by pressing the "on" button. Slide the rabbit sensor (1) forward until it touches the fence of the aluminum gage bed. Then press the button (2) on top of the handle. Return the handle to its back position. See illustration 4.

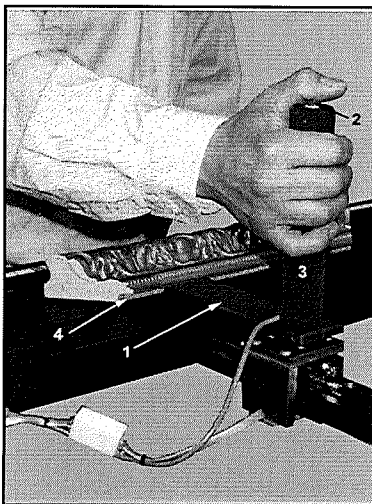


ILLUSTRATION 4

- Loosen the locking knob (1) and slide the stop (4), (see illustration 5) to the home position (zero) against the stop (4) on the gage fence (see illustration 2) and re-tighten the stop locking knob.

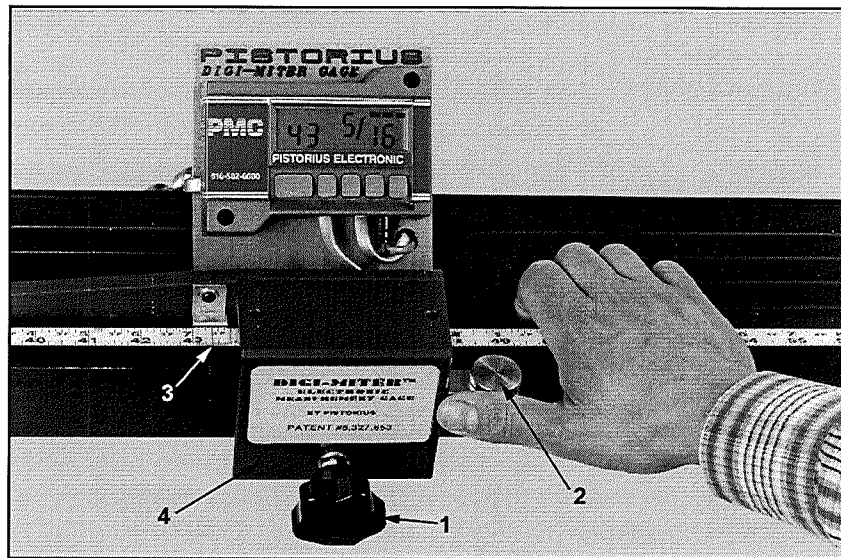


ILLUSTRATION 5

- Select a moulding and miter the piece (mitered on both ends). Suggestion; Cut the piece of material, allow the sawblades to retract, shut the machine off and remove the finished mitered part.
- Measure the length of the part across the longest side (tip to tip). For the greatest accuracy it is best to measure the length in decimals or convert your fractional dimension to decimals using the below conversion chart. The smaller the fractional value used, the more accurate that the calibration will be. Therefore if it is not possible to measure the cut piece in decimals, then use the 1/64th or 1/32nd scale. See the below decimal conversion chart.

1/64"	=	.015"	33/64"	=	.515"
2/64"	(1/32")	=	.031"	34/64"	(17/32") = .531"
3/64"		=	.047"	35/64"	= .547"
4/64"	(1/16")	=	.062"	36/64"	(9/16") = .562"
5/64"		=	.078"	37/64"	= .578"
6/64"	(3/32")	=	.094"	38/64"	(19/32") = .594"
7/64"		=	.109"	39/64"	= .609"
8/64"	(1/8")	=	.125"	40/64"	(5/8") = .625"
9/64"		=	.140"	41/64"	= .640"
10/64"	(5/32")	=	.156"	42/64"	(21/32") = .656"
11/64"		=	.171"	43/64"	= .671"
12/64"	(3/16")	=	.187"	44/64"	(11/16") = .687"
13/64"		=	.203"	45/64"	= .703"
14/64"	(7/32")	=	.218"	46/64"	(23/32") = .718"
15/64"		=	.234"	47/64"	= .734"

16/64" (1/4")	= .250"	48/64" (3/4")	= .750"
17/64"	= .266"	49/64"	= .766"
18/64" (9/32")	= .281"	50/64" (25/32")	= .781"
19/64"	= .297"	51/64"	= .797"
20/64" (5/16")	= .312"	52/64" (13/16")	= .812"
21/64"	= .328"	53/64"	= .828"
22/64" (11/32")	= .343"	54/64" (27/32")	= .844"
23/64"	= .359"	55/64"	= .859"
24/64" (3/8")	= .375"	56/64" (7/8")	= .875"
25/64"	= .391"	57/64"	= .891"
26/64" (13/32")	= .406"	58/64" (29/32")	= .906"
27/64"	= .422"	59/64"	= .922"
28/64" (7/16")	= .438"	60/64" (15/16")	= .938"
29/64"	= .453"	61/64"	= .953"
30/64" (15/32")	= .469"	62/64" (31/32")	= .969"
31/64"	= .484"	63/64"	= .984"
32/64" (1/2")	= .500"		

- 5 - Use the mode button on the display keypad and select decimals. See illustrations 3 & 5. Adjust the value shown on the LCD display using the (+) and minus (-) keys to show the same size as the sample piece that was cut. If the current value on the display is not close to the desired value, press the zero key first and then use the plus (+) and minus (-) keys. Unless the gage is unbolted from the machine or sawblades of a different kerf thickness are used, this value should never change. You can lock this value so the gage setting cannot be inadvertently changed by pressing the on/off key and the mode key simultaneously. It is recommended to record this value in your instruction manual for future reference in the event that recalibration should become necessary. Note: By purposely adding an offset to your calibration value, it is possible to have a glass allowance added to the frame size.

The aluminum gage bed is also equipped with a conventional tape scale. Once the calibration has been completed, slide the tape scale until the same value shown on the LCD display is directly under the indicator line (3) stop. See illustration 5. Lock the scale in this position. It may be necessary to cut the tape scale to fit the gage bar without overhanging.

### 4.3 - MEASURING AND USE

- 1 - The computer automatically defaults to the display mode you were in when the unit was last shut off and will remember the position of the stop even if it is moved while off. This is due to the fact that a small amount of power is used from the batteries even after the display is turned off, this keeps the memory active.
- 2 - Select a moulding to be cut. Miter the first end as normal, then slide the moulding up past the rabbet sensor (1). Slide the handle (3) forward until the sensor (1) touches the moulding rabbet (4). Press the button (2) on top of the handle (3) and release. The moulding rabbet width is now entered into the computer memory. See illustration 4. This input is required each time you change the moulding to be cut, however it only takes a second to do. If you are making a frame or multiple frames of the same moulding, you only need to input the moulding width data once.

- 3 - Releasing the lock knob, slide the stop assembly left or right until the size desired is shown on the LCD display. Use the thumb wheel (2) for fine adjustment of the stop position. When the desired size is displayed on the screen, lock the handle (1). See illustration 5.
- 4 - If an outside (tip to tip) measurement is desired, slide the rabbet sensor forward until the sensor touches the gage fence. Press the button on top of the handle to enter the width data into the computer. This may be necessary when cutting liners, lips, etc. The dimension shown on the display will be outside tip to tip.
- 5 - If you have mouldings with multiple rabbets or a high rabbet, lift the rabbet sensor with the handle and slide it forward until the sensor touches the moulding in the desired Position, then press the button on top of the handle to enter the data into the computer. See illustration 7.



ILLUSTRATION 7

### **SECTION 3: MAINTENANCE**

3.1 Virtually no maintenance is required on the #9G Digi-Miter™ electronic gage. If you should use compressed air to clean the stop or display unit, make sure the air lines are clear of water. The unit can be damaged if water gets inside.

To change the batteries, open the velcro strap holding the batteries in place. Reinstall two new D type alkaline batteries, noting the proper orientation shown in the battery compartment. Replace the velcro strap. Recalibrate the unit using the procedure explained in section 2.2.

With a rag occasionally wipe down the digital pulsing scale located under the gage bed.

Keep the machine table clean. Do not lay tools on the table surface to protect it from nicks and gouges.

Grease the rabbet width measuring slide bearing once a year. Use one shot of grease, do not over grease.

On the vertical handle hex rod occasionally lightly apply a teflon type of lubricant to assure easy sliding of the handle up and down.

## SECTION 4: TROUBLE SHOOTING

Repairs, other than those described here, should be performed only by trained, qualified personnel. Call Pistorius for further information.

<p>1. Gage seems to be measuring inaccurately in rabbet mode.</p>	<ul style="list-style-type: none"> <li>-The material is not of the correct width or varies in width at different positions.</li> <li>-The material is rolling back against the fence when the rabbet sensor is pushed against the material giving an inaccurate width reading.</li> <li>-The rabbet sensor is not measuring the true material width because the material is not straight or is bowed.</li> <li>-If the unit is used in fraction mode, the mode is set for too high a fraction setting (i.e. 1/16, or 1/8 modes).</li> <li>-The operator is releasing or pressing the rabbet sensor button when the sensor is not against the material.</li> </ul>	<ul style="list-style-type: none"> <li>-Check material width with rabbet sensor at different positions.</li> <li>-Check that the material is square.</li>   <li>-Check that the material is straight.</li>   <li>-Change to 1/64 mode as the gage will change length measurements every 1/64 of an inch.</li> <li>-Hold the sensor against the material, press the button, release the button.</li> </ul>
<p>2. Gage seems to be measuring inaccurately in tip to tip mode.</p>	<ul style="list-style-type: none"> <li>-The rabbet sensor is set to a value greater than zero.</li>   <li>-The zero stop is offset from the programmed value.</li> <li>-On start up the rabbet sensor was not brought to the home (zero) position against the fence or the stop was not brought to the home position.</li> </ul>	<ul style="list-style-type: none"> <li>-Bring the rabbet sensor against the fence and reset the value to zero by pressing the button.</li> <li>-Recalibrate the gage.</li>   <li>-Move the stop to the home position and the rabbet sensor to the home position against the fence and recalibrate using the procedure in 2.2.</li> </ul>
<p>3. Other problems</p>	<p>-Contact Pistorius</p>	

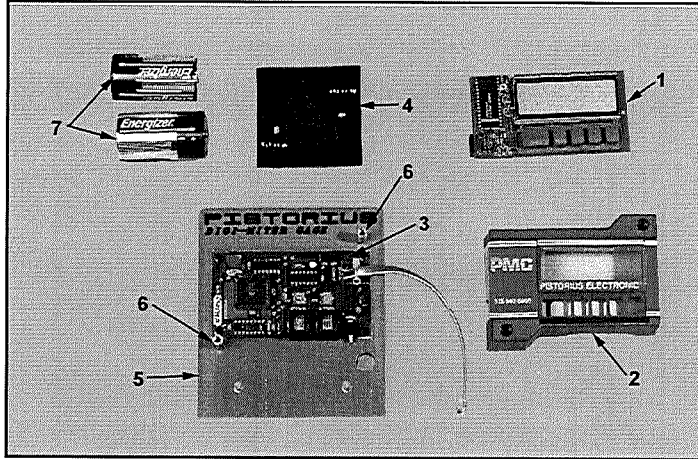
SECTION 5: ORDERING PROCEDURE

**THE PROCEDURE FOR ORDERING REPAIR PARTS IS AS FOLLOWS:**

**ORDER REPAIR PARTS BY:**

- (1) MODEL NUMBER  
(LOCATED ON THE PISTORIUS NAME PLATE)**
- (2) SERIAL NUMBER  
(LOCATED ON THE PISTORIUS NAME PLATE )**
- (3) PART NUMBER  
(LOCATED ON THE PARTS LIST)**
- (4) PART DESCRIPTION  
(LOCATED ON THE PARTS LIST)**
- (5) QUANTITY OF EACH PART REQUIRED**
- (6) METHOD OF SHIPMENT DESIRED**

**PARTS LIST FOR #9G ELECTRONIC DIGI-GAGE™  
STANDARD/OPTIONAL PARTS**



**Illustration 9G-1**

**SEE ILLUSTRATION 9G-1**

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	701-2000-002	DISPLAY MONITOR	1
2	100-1001-001	DISPLAY TOP COVER	1
3	9GII0025	CIRCUIT BOARD	1
4	BH2DL-ND	BATTERY HOLDER	1
5	9G000061	CIRCUIT BOARD MOUNT	1
6	93330A430	STAND OFF	2
7	P105-ND	D-CELL ALKALINE BATTERY	2
8	94905K63	NYLON HOOK & LOOP STRAP (NOT SHOWN)	1



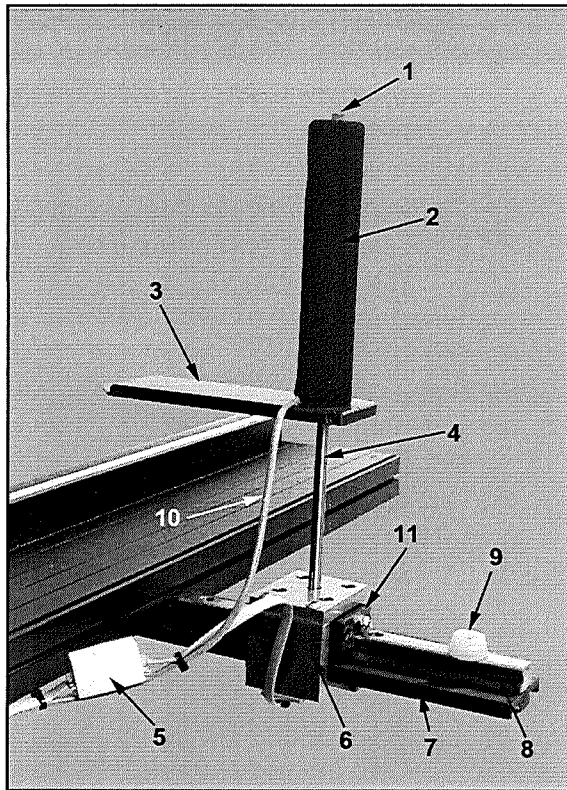


Illustration 9G-2

SEE ILLUSTRATION 9G-2

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	CKN1124-ND	RED PUSH BUTTON SWITCH	1
2	9282K25	FOAM HANDLE GRIP	1
3	9G000054	RABBET SENSOR	1
4	9G000063	RABBET SENSOR HANDLE POST	1
5	048-0103-ND	RJ11 IN LINE COUPLER	1
6	9G000055	RABBET SENSOR MOUNT	1
7	9G000058	RABBET WIDTH PULSING SCALE WITH MOUNT	1
8	9G000070	RABBET SENSOR BEARING RAIL	1
9	9405K48	PLASTIC BUMPER	1
10	9G000075	WIRE WITH PLUG	1
11	SR20WCA1SS	LINEAR BEARING	1
12	9G000057	RABBET HANDLE UPPER ROD GUIDE (NOT SHOWN)	1
13	9G000059	VERTICAL SLIDE HANDLE (NOT SHOWN)	1
14	9G000060	INPUT SWITCH MOUNT (NOT SHOWN)	1
15	90526A588	T SLOT NUT (NOT SHOWN)	1

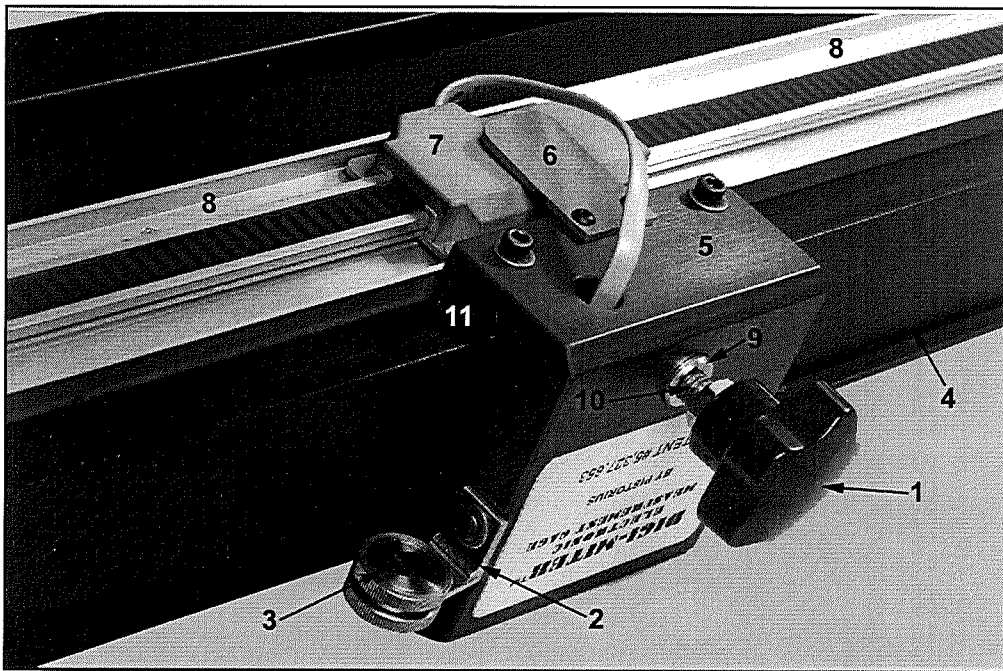


Illustration 9G-3

SEE ILLUSTRATION 9G-3

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	29621	KNOB	1
2	9G000066	THUMB WHEEL MOUNT	1
3	9G000065	THUMB WHEEL	1
4	9G000064	GAGE BED EXTRUSION	1
5	9G000062	STOP BODY	1
6	100-1026-001	GUIDE CLIP	1
7	701-1002-001	DIGITAL READ HEAD WITH CABLE	1
8	200-8	DIGITAL SCALE WITH MOUNT	1
9	9G000072	THREADED BUSHING	1
10	9G000073	STOP LOCK STUD	1
11	9G000071	STOP BODY GUIDE	1
12	90136A480	NYLON LOW FRICTION BUTTON	8

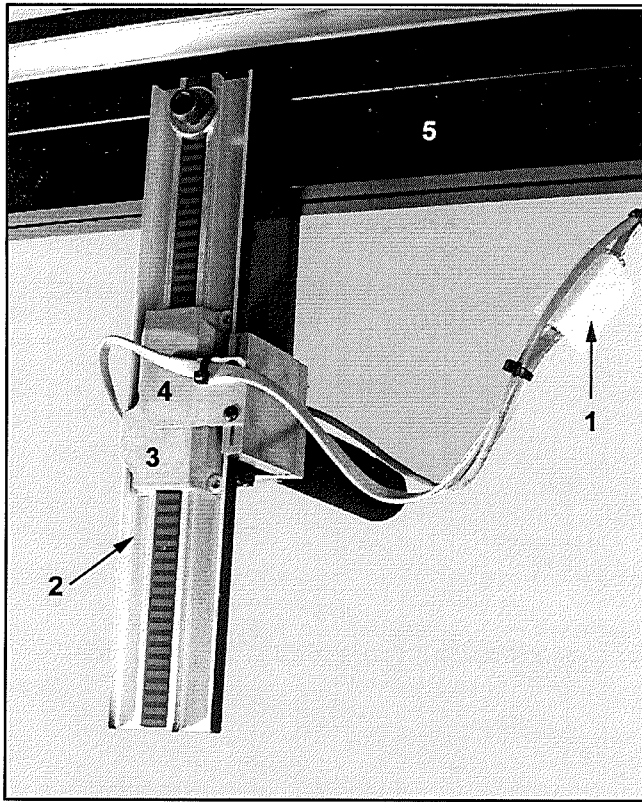


Illustration 9G-4

SEE ILLUSTRATION 9G-4

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	048-0103-ND	RJ11 IN LINE COUPLER	1
2	9G000058	RABBET WIDTH PULSING SCALE WITH MOUNT	1
3	701-1002-002	DIGITAL READ HEAD WITH CABLE	1
4	100-1026-001	GUIDE CLIP	1

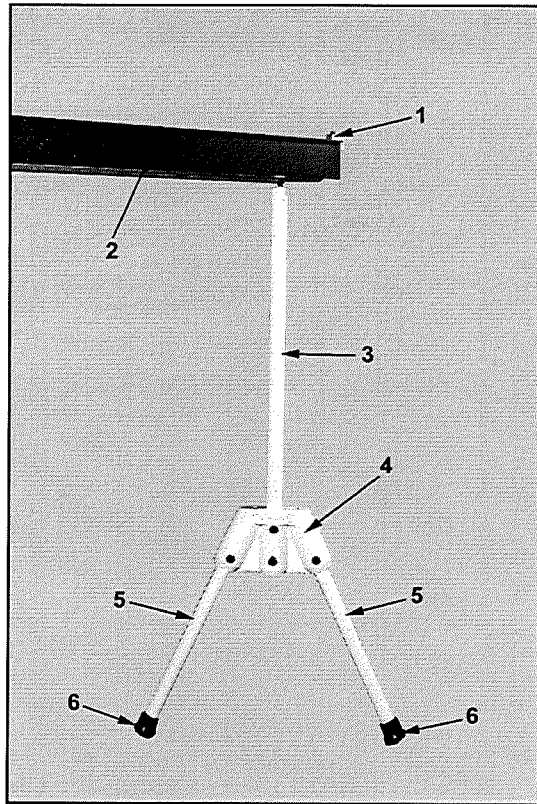


Illustration 9G-5

SEE ILLUSTRATION 9G-5

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	7075	GAGE BAR END STOP	1
2	9G000064	MAIN GAGE BED EXTRUSION	1
3	1-1/8 X 24	MAIN LEG SHAFT	1
4	CI-4816	LEG UNION	1
5	1 X 17	LEG SUPPORT	2
6	2517T18	RUBBER FEET	2
7	CA-5234-1-G	CLAMP ON FOOT CASTINGS (NOT SHOWN) OPTIONAL	2

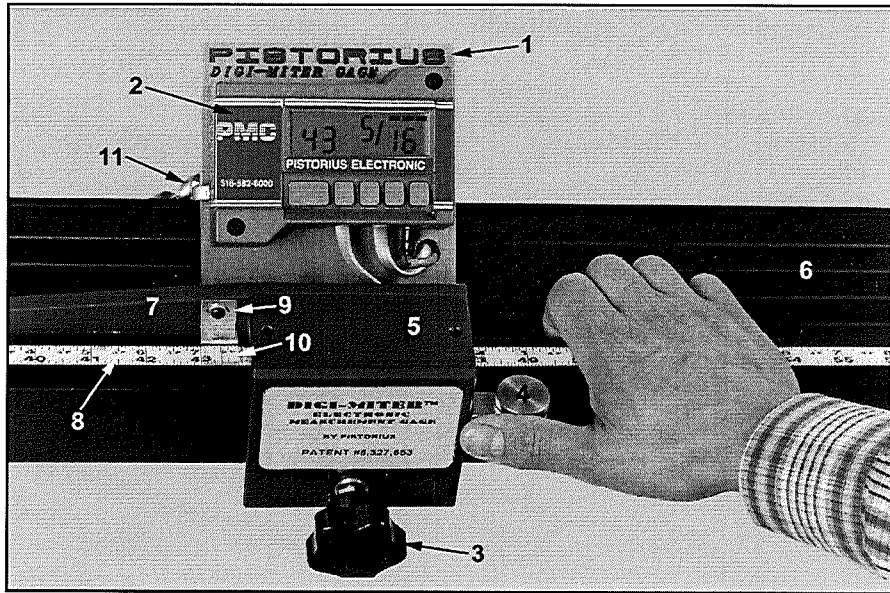


Illustration 9G-6

SEE ILLUSTRATION 9G-6

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	9G000064	CIRCUIT BOARD MOUNT	1
2	100-1001-001	DISPLAY COVER	1
3	29621	KNOB	1
4	9G000065	THUMB WHEEL	1
5	9G000062	STOP BODY	1
6	9G000064	GAGE BED EXTRUSION	1
7	9G000053	STOP TONGUE	1
8	EW144L	TAPE SCALE	1
9	7473	SIGHT LINE MOUNT	1
10	7474	SIGHT LINE	1
11	H2663-10C-ND	REVERSE COIL CORD	1

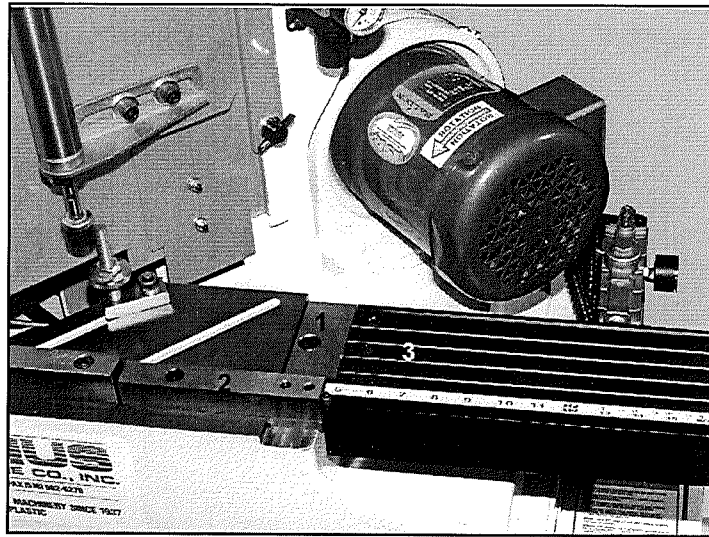


Illustration 9G-7

SEE ILLUSTRATION 9G-7

REF	PART NUMBER	PART DESCRIPTION	QUAN
1	9G000051	ADAPTOR MOUNT	1
2	9G000052	FENCE ADAPTOR	1
3	9G000064	GAGE BED EXTRUSION	1