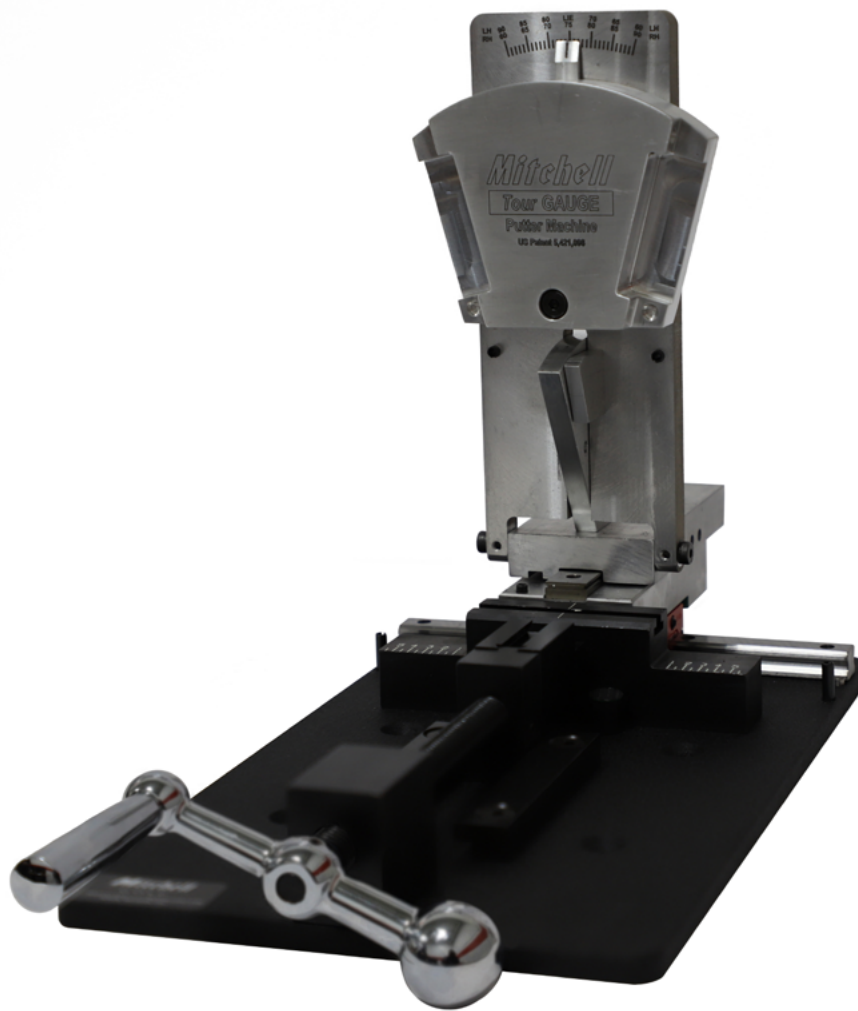


User Manual For:

***Tour*GAUGE®**

PUTTER MACHINE



This TourGAUGE Putter Machine Was Manufactured For:

Purchased by: _____

Date: _____

Serial Number# _____

Thank You

Thank You for purchasing the golf industry's state-of-the-art TourGAUGE Putter Machine. You should find it simple to operate. Please follow the instructions in this manual. If you have any questions, please call 1-800-437-1314.

Important Notice

Your TourGAUGE Putter Machine is a percision gauge.

When measuring a particular golf club in your TourGAUGE Putter Machine, the angle readings are correct. When these angle readings are compared to the published standards for that putter and are found different, then that particular iron does not meet those standards.

If you compare the loft/lie angles of a particular putter measured in other machines to a TourGAUGE Putter Machine, there may be a difference. That is because some machines do not adjust for offset, progressive offset, non-offset, or face progression hosel positions and therefore give inaccurate and inconsistent readings. You can measure any putter in a TourGAUGE Putter Machine accurately.

"The Industry Standard For Accuracy."

Guarantee

All products manufactured by Mitchell Golf are guaranteed against defects and workmanship. Replacement or repair will be at the discretion of Mitchell Golf.

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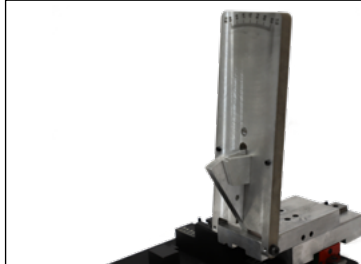
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Package Contents

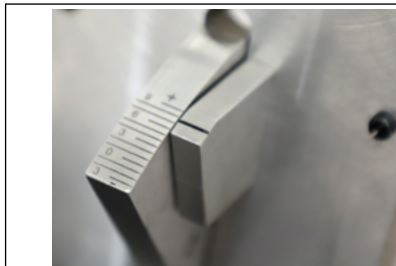
This package includes the following contents:



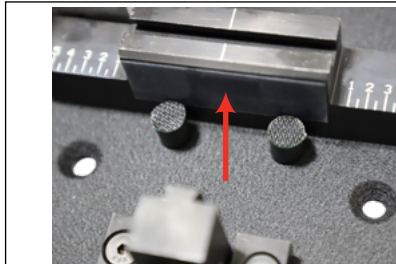
1x Putter Loft/Lie Angle Gauge Assembly



1x Putter Lie Angle Gauge Plate



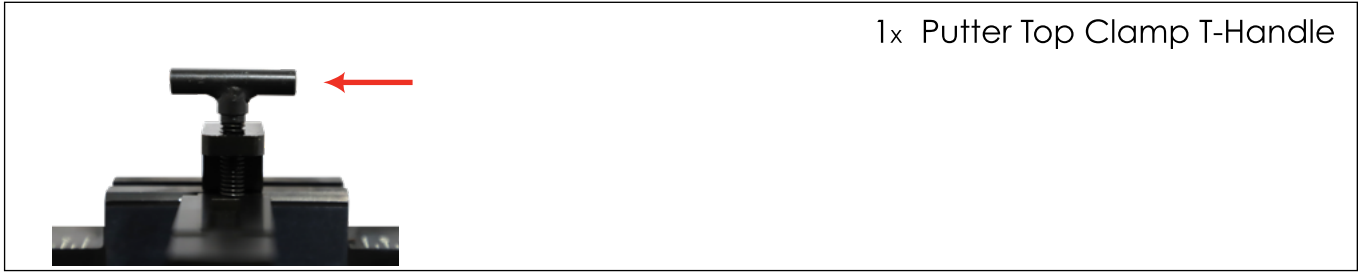
1x Loft Gauge/Pointer



1x Putter Head Clamp Fixture



1x Putter Top Clamp





1x Shaft Abutment Cradle



1x Adjustable Putter Aluminum Bending Bar



1x Putter Shaft Bending Bar



1x Large Mallet Clamp

Maintenance

TourGAUGE Putter Machine

1. Occasionally wipe with clean cloth.
2. Occasionally apply grease to the threaded **Front Worm Screw**.

Technical Assistance

Call 1-800-437-1314

Monday-Friday 8:00AM-5:00PM Eastern Time

Email: info@mitchellgolf.com

Getting Started

Putter Head Registration & Clamping



illustration 1



illustration 2

STEP 1

Register putter head by placing putter head face against **Putter Head Clamp Fixture** with sole touching both **Putter Sole Clamps**. Align putter head center mark (if available) with centerline on **Putter Head Clamp Fixture** or center putter head on the progressive scale of the **Putter Head Clamp Fixture** so it measures equally to right and left of "0". See illustration 1.

STEP 2

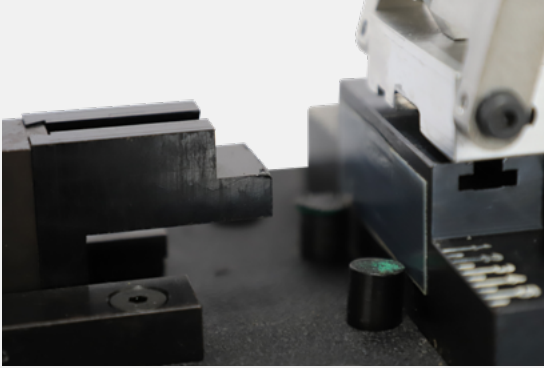
Position **Putter Nylon Block** on **Nylon Block Holder**.

NOTE: The **Putter Nylon Block** has two different cuts allowing for use with different putter shapes, i.e. cavity back, flange back, mallets, etc. See examples on page 10.

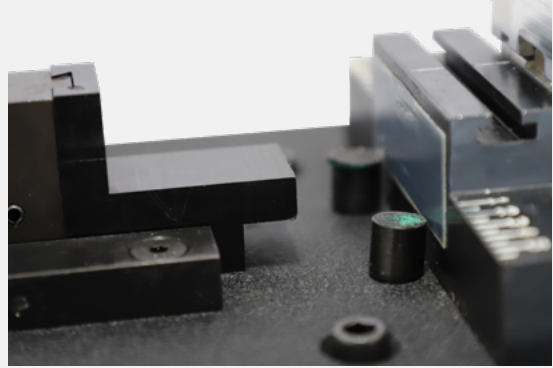
STEP 3

Clamp putter head in machine by turning **Front Worm Screw** to tighten **Putter Nylon Block** against back of putter head. Slide **Putter Top Clamp** to center of putter head and finger tighten by turning **Putter Top Clamp T-Handle**. See illustration 2.

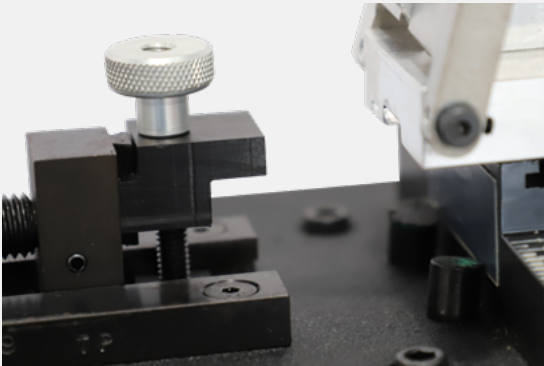
Putter Nylon Block Clamping Instructions



Block Position 1



Block Position 2



Large Mallet Clamp

Measuring Loft/Lie Angles



illustration 3

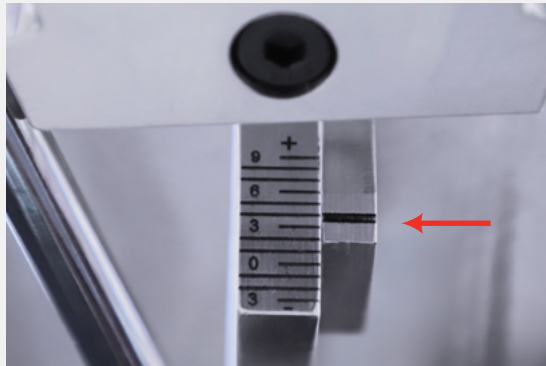


illustration 4

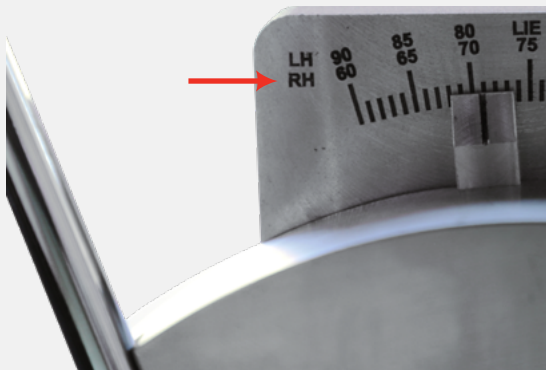


illustration 5

STEP 1

To read the loft and lie angles, slide the **Putter Loft/Lie Angle Gauge Assembly** forward and to the side until you are able to make contact with the shaft by the **Shaft Abutment Cradle**. The vertical **Putter Lie Angle Gauge Plate** tilts forward and the **Shaft Abutment Cradle** rotates to allow the shaft to lay flush against both walls of the **Shaft Abutment Cradle**. Two magnets hold the shaft against the **Shaft Abutment Cradle**. See illustration 3.

STEP 2

Read the loft on the **Loft Gauge/Pointer** directly in front of the **Putter Loft/Lie Angle Gauge Assembly**. See illustration 4.

STEP 3

Read the lie angle on the lie scale at the top of the **Putter Lie Angle Gauge Plate** indicated by the pointer of the **Shaft Abutment Cradle**. Read the lie angle for right-hand putters marked "RH". See illustration 5.

Convert to left hand

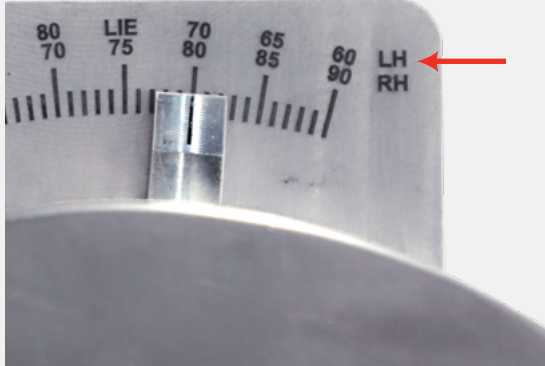


illustration 6



STEP 1

To measure and bend, repeat the same steps per instructions on pages 9. Read the loft per Step 2 on the previous page. See illustration 4.

STEP 2

Read the lie angle per Step 3 on the previous page. Use scale denoted by the "L.H." on the **Putter Lie Angle Gauge Plate**. See illustration 6.

Adjusting Loft/Lie Angles: Putter With Hosel



illustration 7



illustration 8

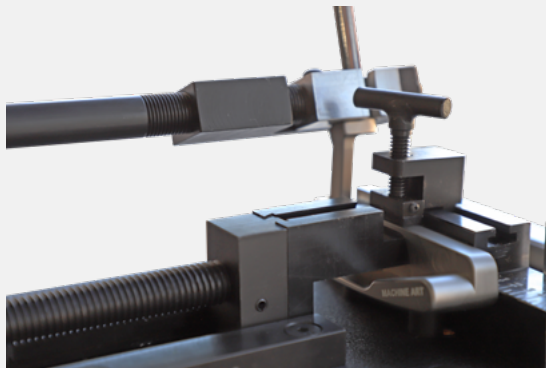


illustration 9

STEP 1

Slide **Putter Loft/Lie Angle Gauge Assembly** back and to side of machine. Place the **Adjustable Putter Aluminum Bending Bar** on hosel as high as possible. Adjust bar to snug fit (finger tight) by turning handle of bar. See illustration 7.

STEP 2

To bend hosel apply light pressure to bending bar in the direction of desired bend until it is seated firmly against hosel. Apply short, quick jolts of bending pressure to bend hosel. Re-measure putter and re-bend if necessary to desired angles.

STEP 3

To adjust lie angle bend up to make more upright and down to make flatter. The shaft should move in a plane parallel to the front of the machine. See illustration 8.

STEP 4

To adjust the loft angle, bend back (up) to add loft to putter and bend forward (down) to de-loft putter. The shaft should move in a plane parallel to the side of the machine. See illustration 9.

NOTE: Investment cast, forged, and machined putters made from steel, bronze alloy, brass or aluminum can be adjusted. It is not recommended to bend zinc or sand cast putters.

Adjusting Loft/Lie Angles: Putter Without Hosel

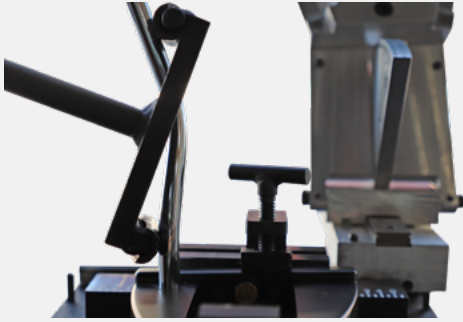


illustration 10



illustration 11



illustration 12

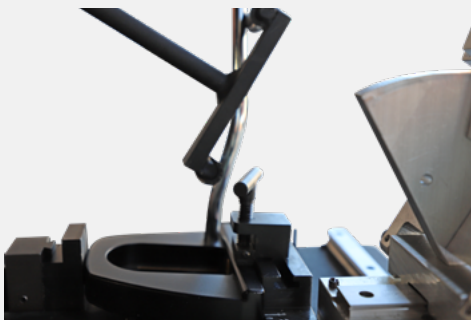


illustration 13

STEP 1

Slide **Putter Loft/Lie Angle Gauge Assembly** back and to side of machine. Place **Putter Shaft Bending Bar** on shaft at the double or single bend. Position the top shaft post of bending bar on one side of the shaft and the bottom shaft post on the opposite side of shaft. The shaft bend should be between the two shaft posts of the **Putter Shaft Bending Bar**. See illustration 10.

NOTE: The top shaft post of the Putter Shaft Bending Bar should be positioned on the side of the shaft in which the bending pressure will be applied.

STEP 2

To bend shaft, hold the end of the **Putter Shaft Bending Bar** with one hand and place the other hand around the two shaft posts and shaft. This will secure the **Putter Shaft Bending Bar** on shaft and will concentrate the bending pressure between the two shaft posts. Apply light pressure to bending bar in the direction of desired bend. Then apply short quick jolts of bending pressure to bend the shaft. Re-measure putter and re-bend if necessary to desired angle. See illustration 11.

STEP 3

To adjust lie angle bend up to make more upright and down to make flatter. The shaft should move in a plane parallel to front of the machine. See illustration 12.

STEP 4

To adjust the loft angle bend back (up) to add loft to putter and bend forward (down) to de-loft putter. The shaft should move in a parallel to side of the machine. See illustration 13.

Registering & Adjusting Loft/Lie Angles: Center Shaft Putters

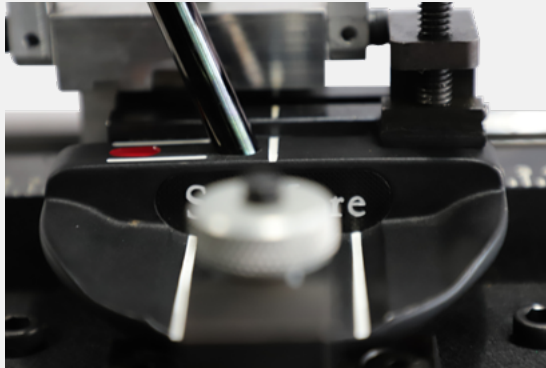


illustration 14

STEP 1

Follow steps 1 & 2 on page 4 for registering & clamping putter head. Except when registering, do not use **Putter Top Clamp**. Make sure putter face is flat against **Putter Head Clamp Fixture**.

STEP 2

Measure loft/lie angles of putter following steps 1- 3 on page 11.

STEP 3

To adjust loft/lie angles, slide **Putter Top Clamp** towards center of putter head allowing enough room for bending bar to be attached to shaft and finger tighten by turning the **Putter Top Clamp T-Handle**. See illustration 14.

STEP 4

Read the loft/lie angles again to see if they changed after tightening the **Putter Top Clamp**.

STEP 5

Adjust the loft/lie to desired angles allowing for any difference in the readings after tightening the **Putter Top Clamp**.

Please Visit Us At:
www.MitchellGolf.com

For Getting Started or Support Questions Please Email Us At:
info@mitchellgolf.com

