Wixey ®
Table Saw Fence
MODEL WR750

INSTRUCTIONS

1- Remove your existing fence

a. Remove the front rail including any mounting brackets.
b. If your fence uses a rear rail it will not be used, however, you can leave it in place if it is needed to support an extension table.

2-Join the 2 halves of the fence rail and locate its position on the saw

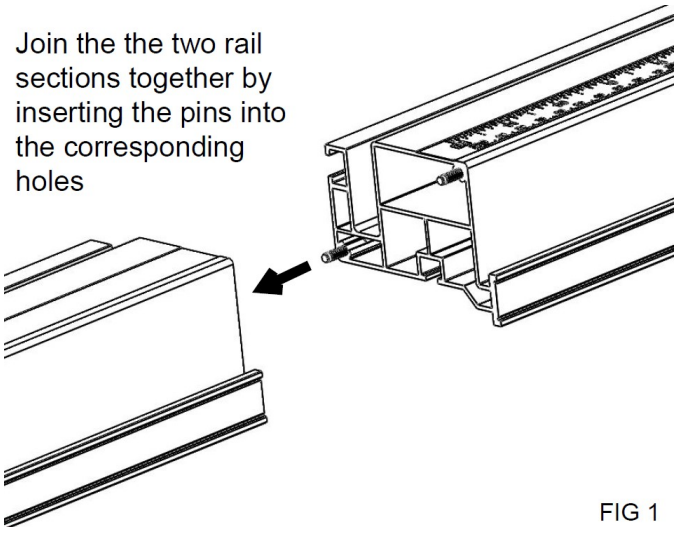
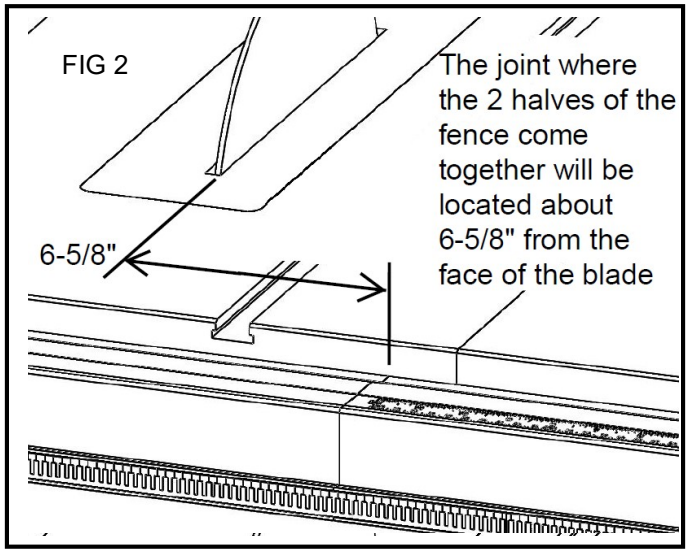
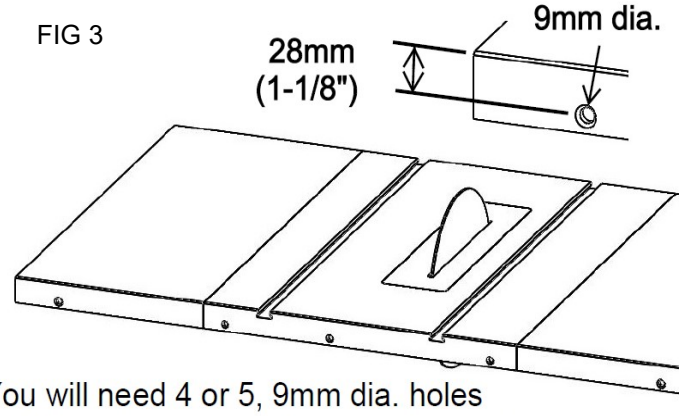


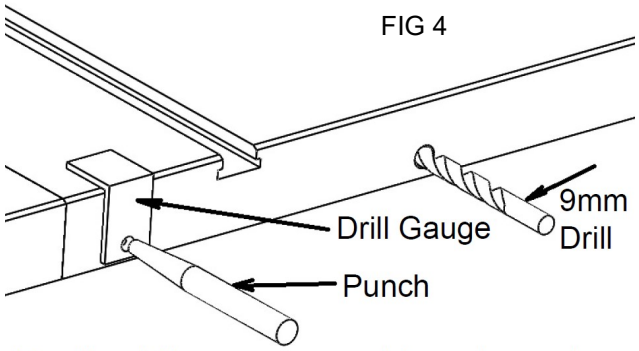
FIG 1



3- Locate mounting holes or drill new ones if needed

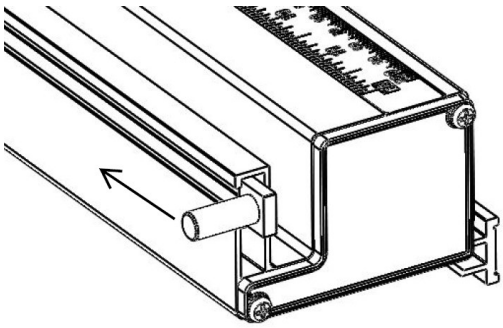


You will need 4 or 5, 9mm dia. holes positioned as shown along the front edge of your table. Make sure at least 2 holes are in each fence rail section.

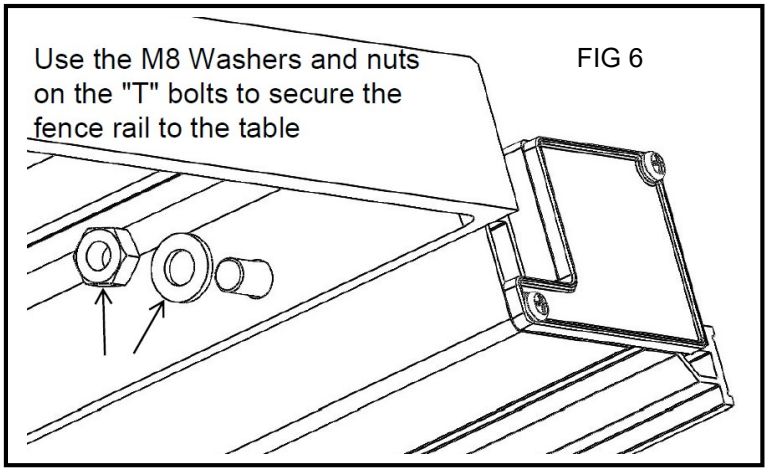


Use the drill gauge as a guide and a center punch to mark the hole locations. Drill the mounting holes with the 9mm dia. drill bit.

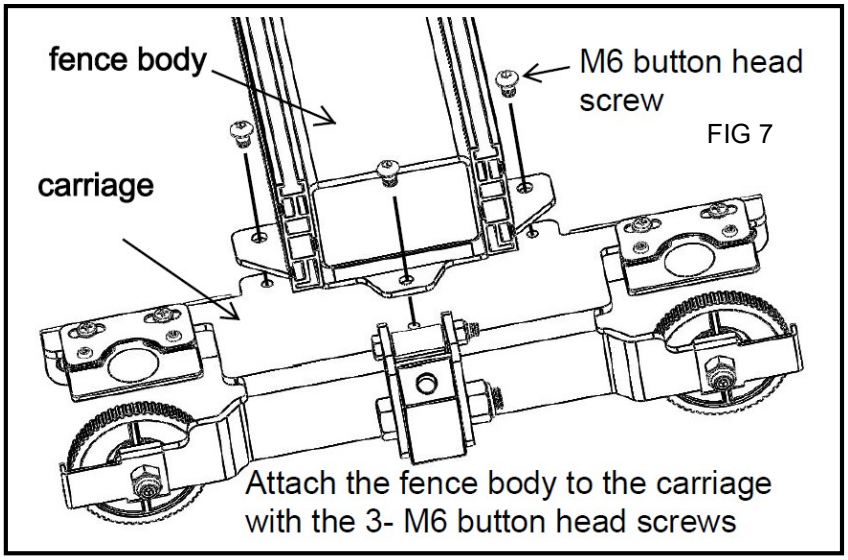
4- Attach the front rail to the saw

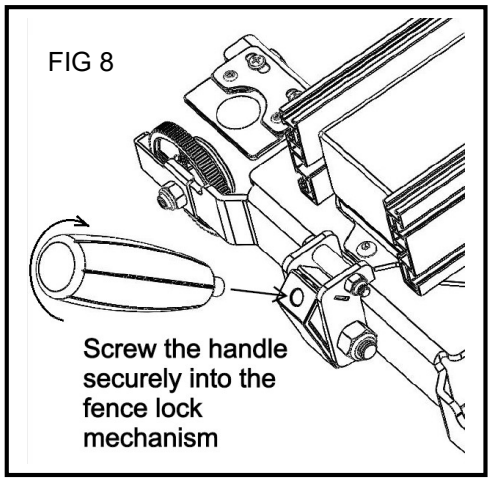


Insert M8 "T" bolts into fence rail channel FIG 5

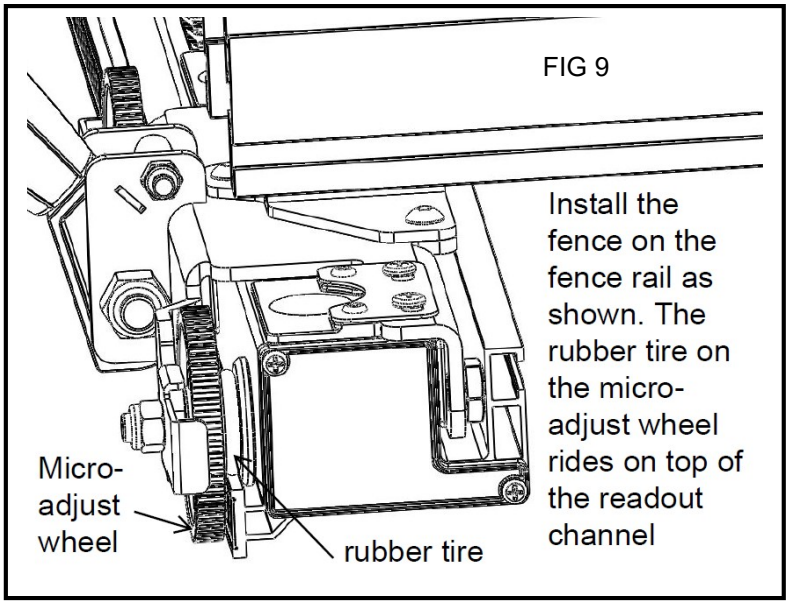


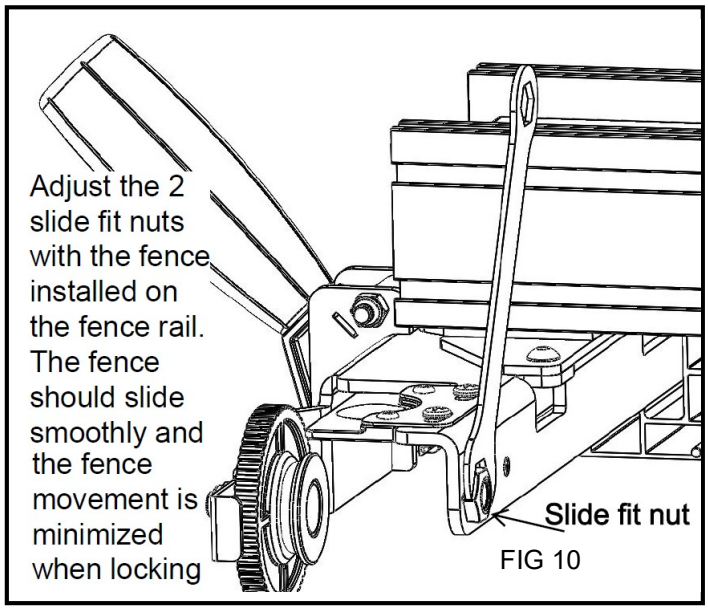
5- Assemble the carriage and fence body

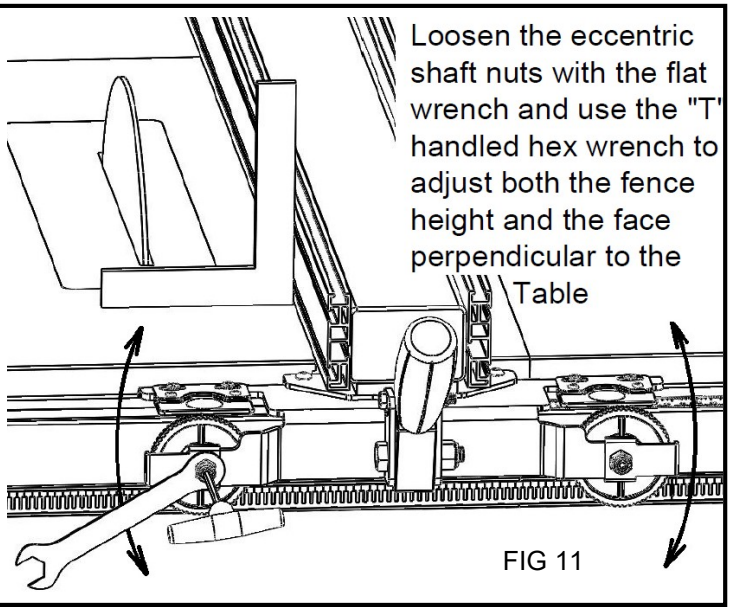




6- Fence Installation and adjustments

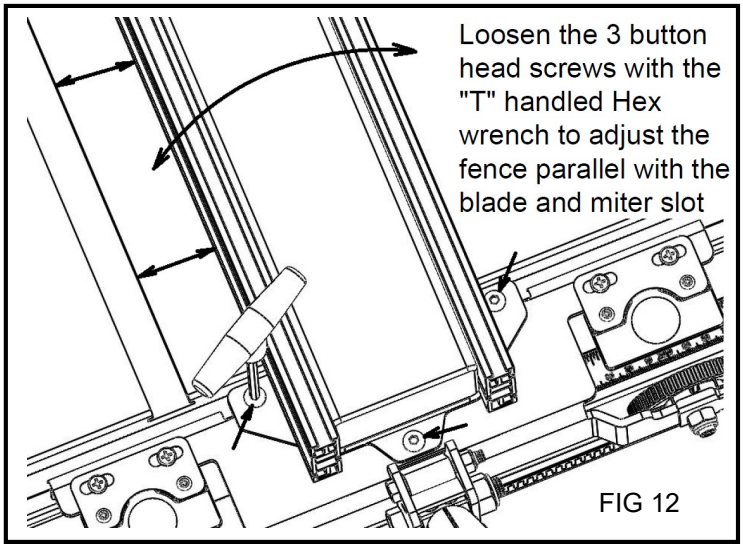






Loosen the eccentric shaft nuts with the flat wrench and use the "T" handled hex wrench to adjust both the fence height and the face perpendicular to the Table

FIG 11



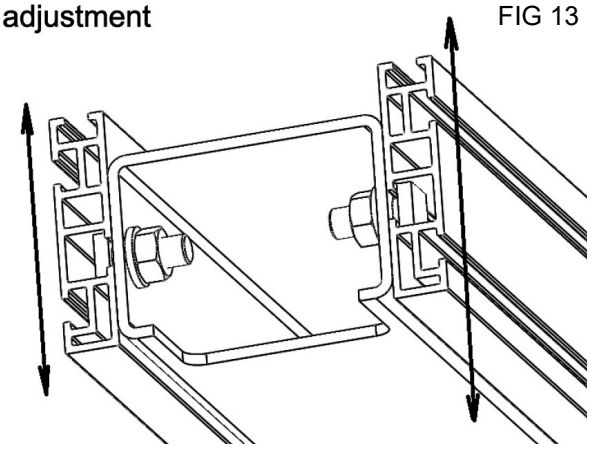
Loosen the 3 button head screws with the "T" handled Hex wrench to adjust the fence parallel with the blade and miter slot

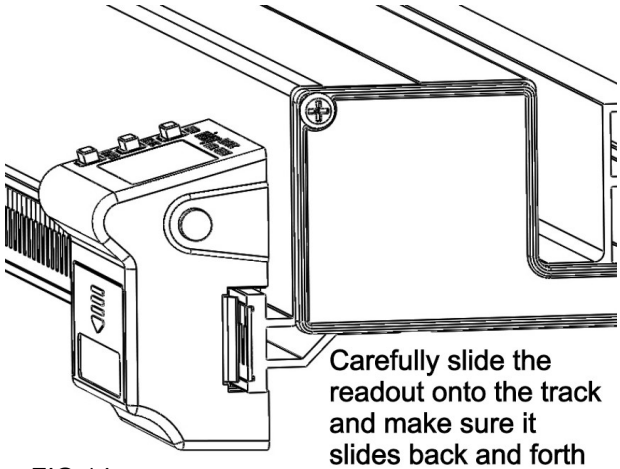
FIG 12

7- Installing the readout and fence operation

You can access the fence face bolts from the bottom side. Loosen these bolts to allow a small amount of vertical adjustment

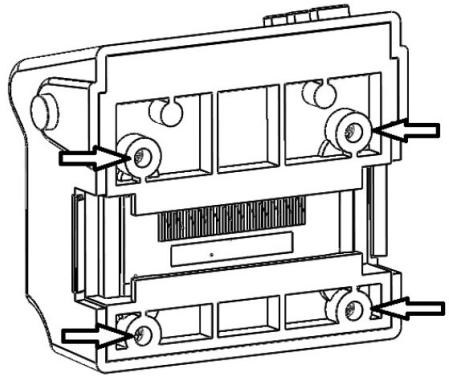
FIG 13





Carefully slide the readout onto the track and make sure it slides back and forth smoothly.

FIG 14



If the readout slides too tight you can loosen the 4 screws in the back 1/4 turn to loosen it up

FIG 15

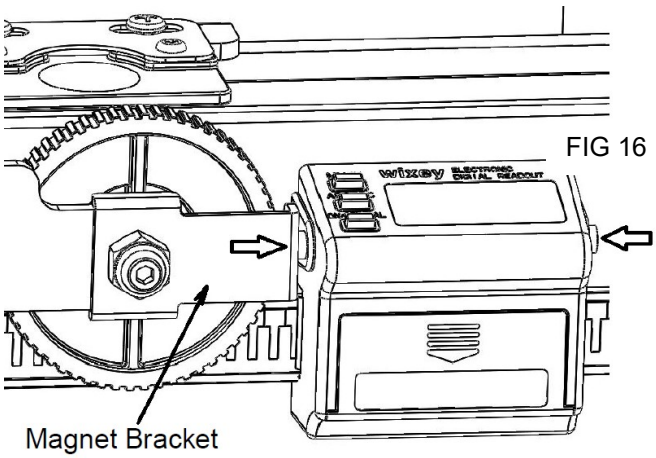


FIG 16

Magnet Bracket

There are magents on both the left and right side of the readout. Attach the readout to the magnet bracket on either the left or right side of the fence.

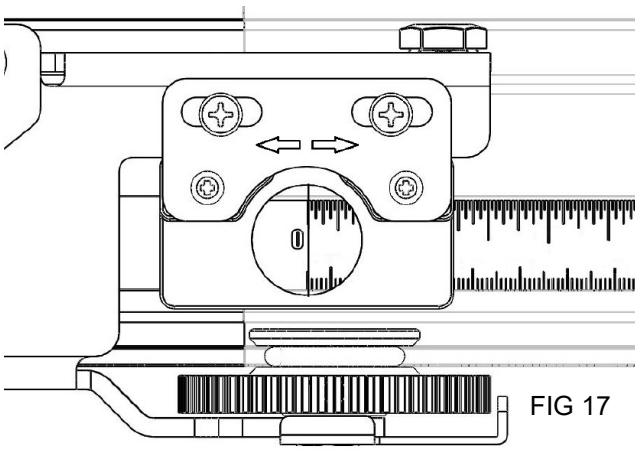
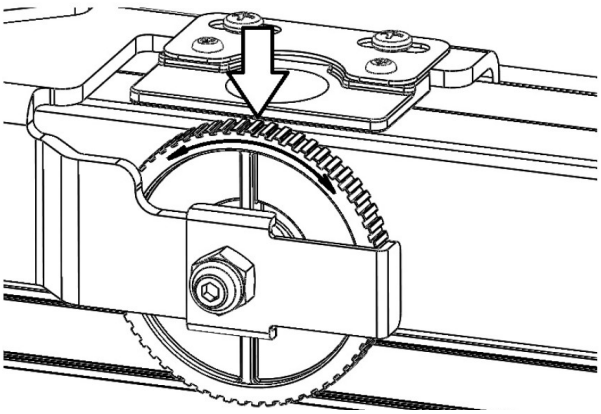


FIG 17

With the fence locked and the fence face lightly touching the blade set the cursor to line up with 0 on both the left and right analog scales

Apply slight downward pressure and rotate one or both Micro Adjustment wheels to fine tune fence position

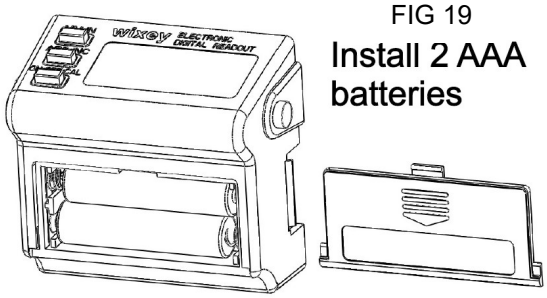
FIG 19



8- Readout operation

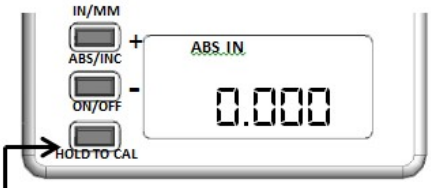
FIG 19

Install 2 AAA batteries



ON/OFF and CALIBRATION

FIG 20



- PUSH MOMENTARILY TO TURN OFF AND ON
- HOLD FOR 3-5 SECONDS TO ENTER CALIBRATION MODE. THE "ABS IN" FLASHES

- TO CHANGE THE DISPLAY VALUE FROM 0.000 USE THE + OR – BUTTONS.

- A SHORT PRESS INCREASES ONE DIGIT. HOLDING THE BUTTON COUNTS FAST.
- PRESS THE ON/OFF BUTTON MOMENTARILY TO SET THE CALIBRATION VALUE. THE "ABS IN" WILL STOP FLASHING

IN/MM

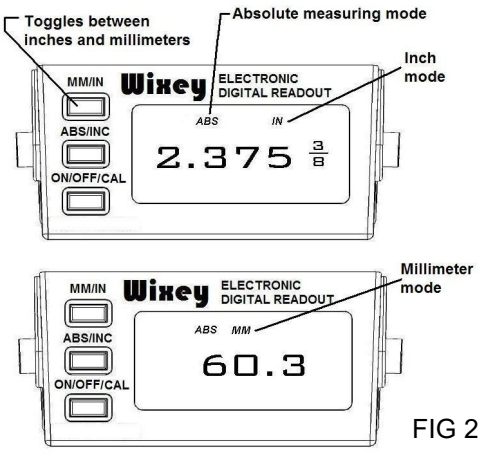


FIG 21

ABS/INC

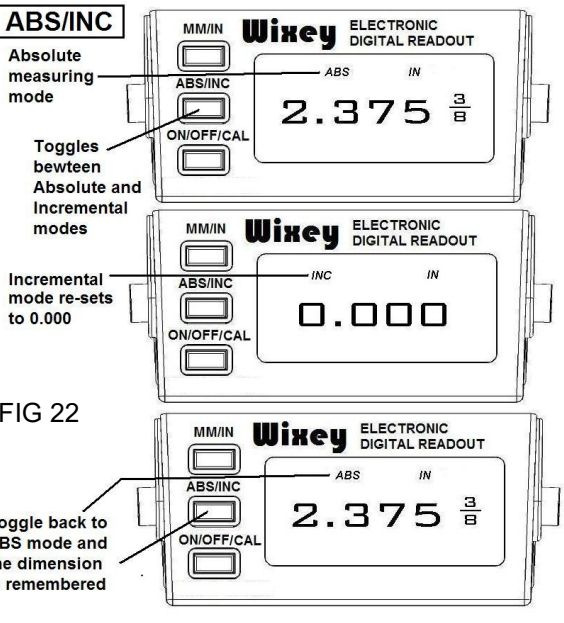


FIG 22

Readout issues

The Digital Readout may display numbers counting randomly when the unit is turned “ON”, but not on the track with the sensor strip. This is normal and does not mean your Readout is defective.

Unstable constantly scrolling numbers

- Remove batteries, wait 30 seconds, then replace.

Flashing digits, dim, or no display

- Install new batteries.
- Clean batteries and battery contacts with pencil eraser

Frozen display

- Remove the batteries, wait 30 seconds and replace them.

Loses calibration

- Clean the track and sensor strip and blow the dust out of the readout.
- Check for static discharges from a nearby dust collector or other source.

  Note: If a static discharge from your finger zaps the readout or a nearby dust collector happens to zap your saw it can cause this error. Make sure the dust collector is properly grounded and the dust port on your saw is grounded to the ground wire inside the dust collector hose.

Accuracy Issues

Small accuracy errors of 1/16” or less

- If you are measuring across the gap, double check the connection with the alignment gauge.

- Check to make sure you are locking the fence both when calibrating the unit and when taking a measurement. The fence surface can move quite a bit depending on your fence when locked vs. un-locked.

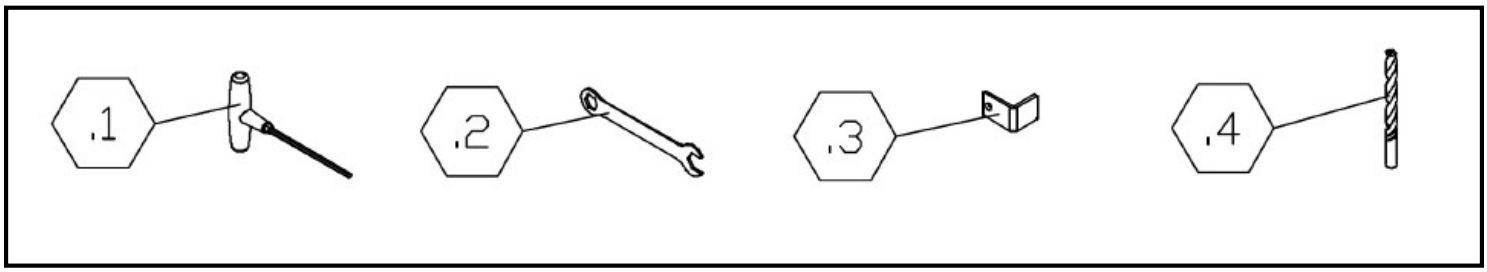
- Be sure to just “kiss” the blade with your fence when calibrating. You should be able to move the blade back and forth with your hand (un-plugged and turned off of course) and just feel it gently scraping. It is very easy to deflect your blade and have the measurement be off by up .030 or more.

- **Throw away your tape measure!!!** We are not trying to pass the buck but we have gone down this road many times. The scales on most fences and many tape measures are way off. Many people write to us and say they ended up throwing all their tapes away and buying high quality name brand tapes after they got our system. Use a high-quality steel scale to check the accuracy.

Large accuracy errors of .200” or more

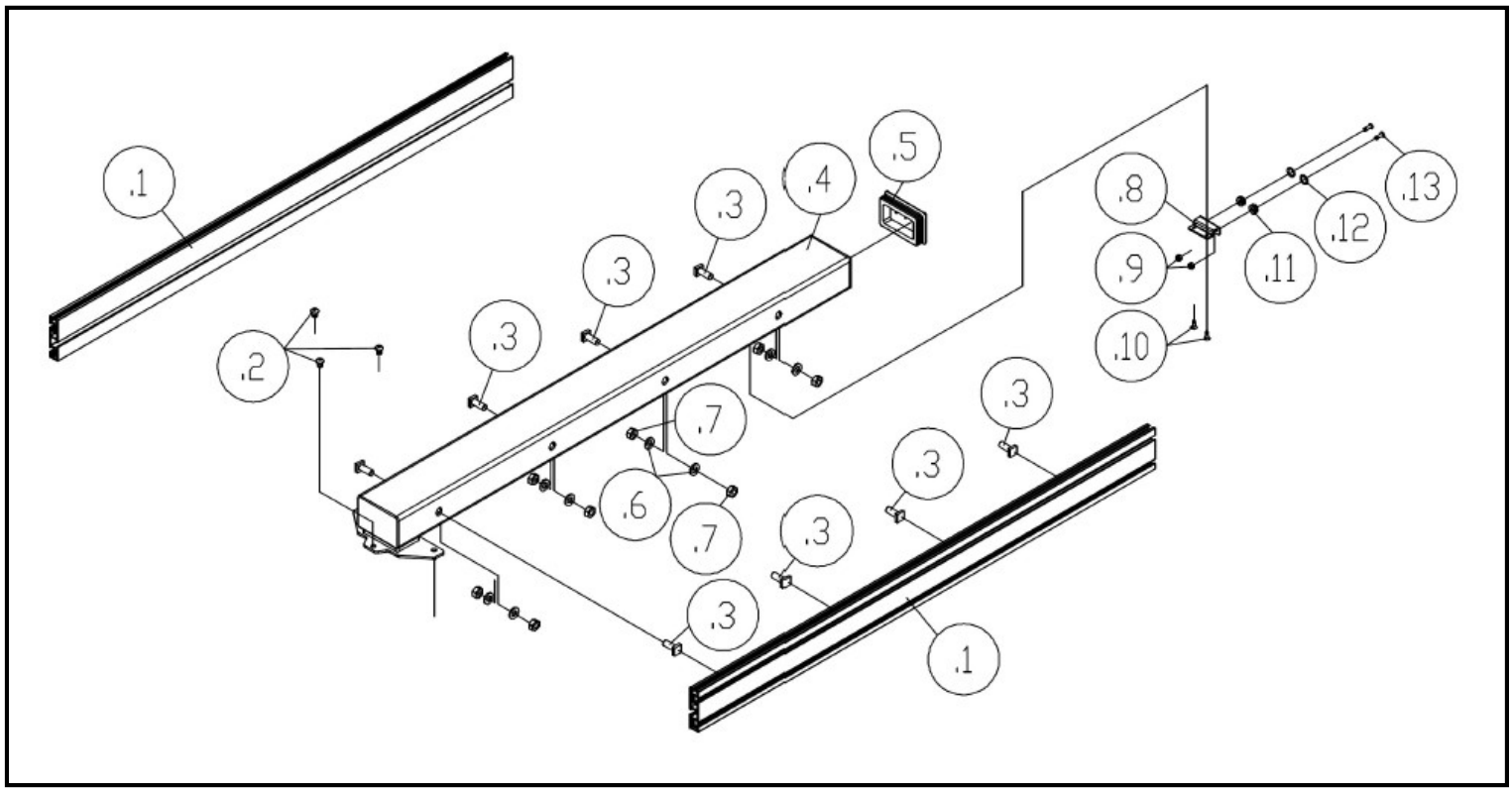
- An error of exactly .200" is a very common error number with these devices or even a multiple of it like .400, .600, 1.200 etc. Usually this only happens when the readout is either moved very quickly (more than 3 feet per second) or if the readout is being affected by static. See “Looses Calibration” above.

Tools included -0



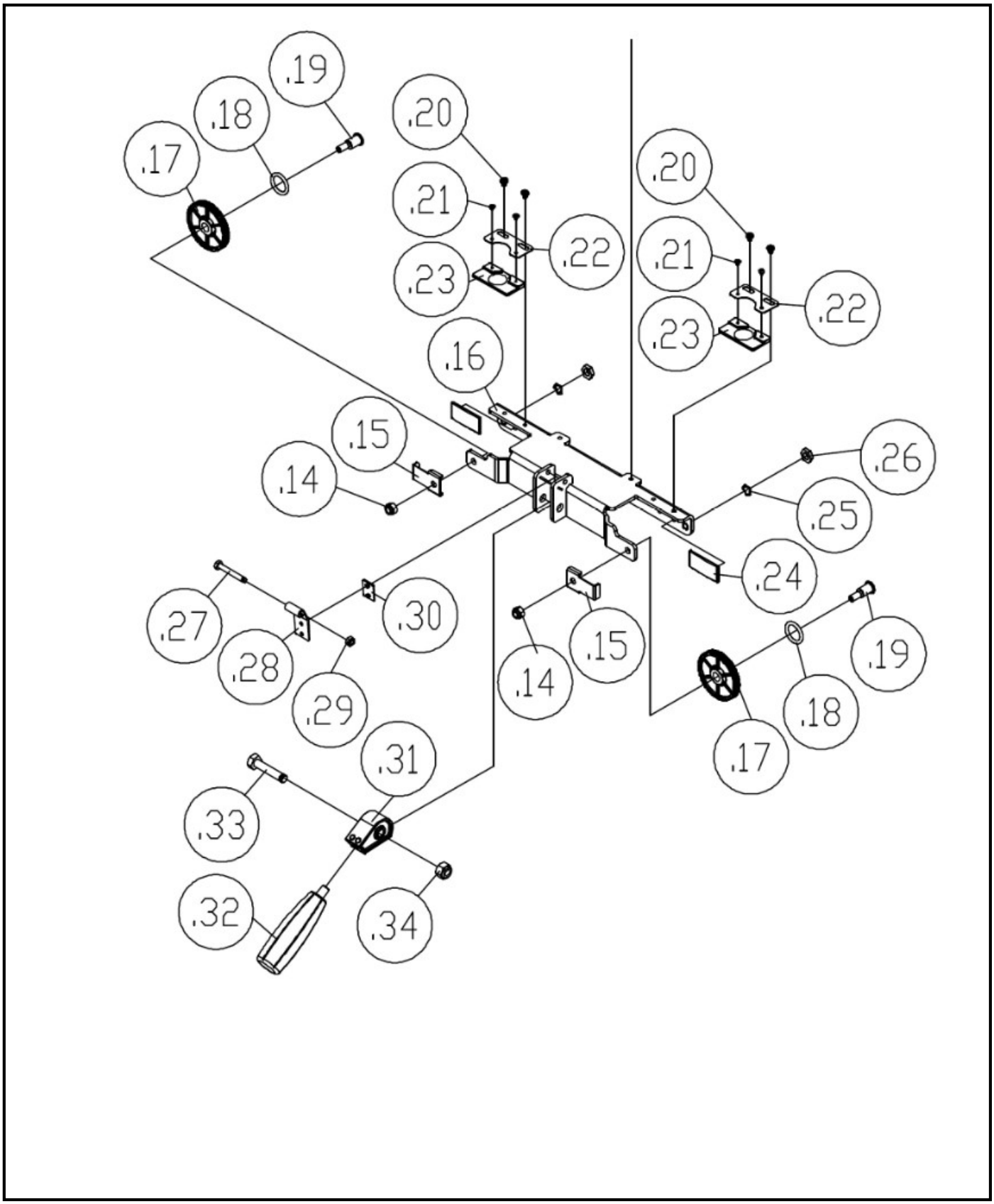
Item	part no.	Description	Spec	qty
0	850955-000	tool kit pack		1
.1	230080-000	T wrench	4mm	1
.2	175056-904	open wrench		1
.3	175057-904	drill gauge		1
.4	042701-002	bit	9mm	1

Fence Assembly-1

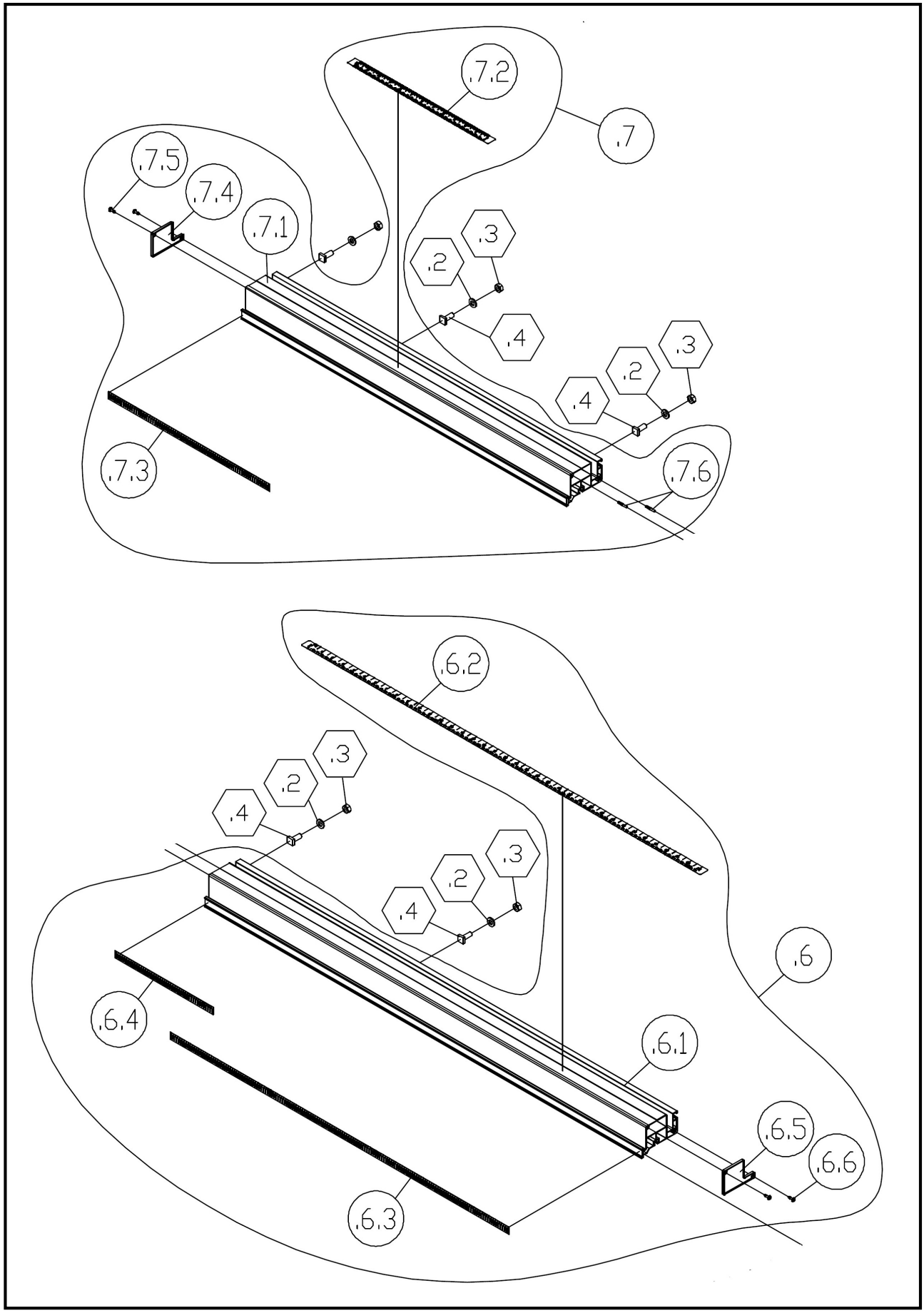


Item	part no.	Description	Spec	qty
1	925056-000	fence assembly		1
.1	310560-909	face plate		2
.2	000801-108	hex socket screw	M6*1.0P*8	3
.3	048701-101	square screw	M8*1.25P*20	8
.4	174965-904	fence body top		1
.5	250624-615	cap		1
.6	006001-049	washer	8.5*16*2t	8
.7	008006-100	hex nut	M8*1.25P(13B*6.5H)	8
.8	174969-904	bracket		1
.9	008301-100	Ny-lock nut	M4*0.7P(7B*5H)	2
.10	000705-104	flat hex screw	M4*0.7P*10	2
.11	361421-901	rear adjust wheel		2
.12	043302-000	O ring	P10	2
.13	000805-103	hex socket screw	M4*0.7P*12	2
.14	008306-100	Ny-lock nut	M8*1.25P(13B*9H)	2
.15	174967-904	bracket		2
.16	925014-000	fence body bottom assembly	#904	1
16.1	174966-000	fence body bottom		1
16.2	290111-901	special screw	M10*1.0P	2
.17	251448-668	adjust wheel		2
.18	043902-000	O ring	4w*22d	2
.19	361420-901	shaft		2
.20	000303-201	Phillips screw	M5*0.8P*6	4
.21	001101-205	Self-tapping screw	M3*1.06P*6	4
.22	174968-905	pointer plate		2
.23	250799-620	pointer		2
.24	250471-621	wear plate		2
.25	006703-100	wavy washer	WW-10	2
.26	251449-668	adjust nut	M10*1.0P	2
.27	000002-308	hex screw	M6*1.0P*45	1
.28	171993-904	bracket		1
.29	008304-100	Ny-lock nut	M6*1.0P(10B*6H)	1
.30	250602-621	wear plate		1
.31	922141-000	cam assembly		1
	130235-903	cam		1
	660002-000	magnet		2
.32	230301-615	handle		1
.33	000004-306	hex screw	M10*1.5P*50	1

.34	008308-100	Ny-lock nut	M10*1.5P(17B*12H)	1
.35	041306-002	plastic bag	190*130*0.15t	1

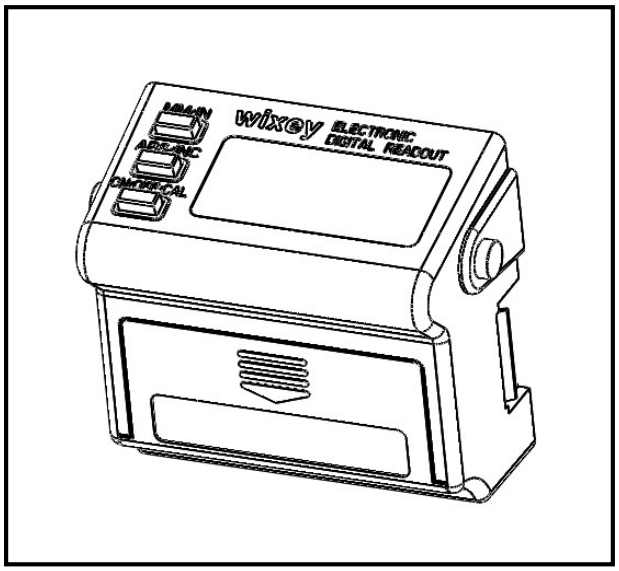


Rails Assembly- 2


,7,2
,7
,7,5
,7,4
,7,1
,2
,3
,4
,4
,2
,3
,7,3
,7,6
,6,2
,3
,2
,4
,4
,2
,3
,6
,6,4
,6,1
,6,5
,6,6
,6,3

2	925057-000	rails assembly		1
2	006001-049	washer	8.5*16*2.0t	5
3	008006-100	hex screw	M8*1.25P(13B*6.5H)	5
4	048701-101	square screw	M8*1.25P*20	5
6	925065-000	front rail assembly	36"	1
6.1	310554-909	front rail	36"	1
6.2	573036-000	right scale	0"~36"	1
6.3	WR7003	sensor strip	Wixey WR7003*800mm	1
6.4	WR7003	sensor strip	Wixey WR7003(800mm/232mm)	1
6.5	250699-615	right cap		1
6.6	001102-604	Self-tapping screw	M4*1.59P*12	2
7	925066-000	left rail assembly	12"	1
7.1	310559-909	left rail		1
7.2	573035-000	left scale	0"~12"	1
7.3	WR7003	sensor strip	Wixey WR7003(800mm/380mm)	1
7.4	250698-615	left cap		1
7.5	001102-604	Self-tapping screw	M4*1.59P*12	2
7.6	360249-905	connection pin		2

Digital Readout-3



Item	part no.	Description	Spec	qty
3	WR7001	DRO assembly	Wixey WR7001	1

For questions, comments, and application examples go to: www.wixey.com