General Notes For Laser Measuring Disto Device

1. Consult user manual for reference. Use pages 1-8 of English Version as well as diagram found on inside front cover of the manual.
2. No batteries are installed during shipment. Therefore the first task for the new owner will be to install new ALKALINE batteries. Page 1 of the owners manual outlines this procedure. In general the battery install/change procedure involves lifting the bracket located at the rear, in an upward manner, then pushing a locking clip forward to unlock the rear endpiece, then pushing down on the rear bracket to open the batter compartment. Slide the red locking mechanism to the side and open the battery compartment. Install batteries in the compartment making sure to observe correct polarity. Close battery cover, reinsert the endpiece, and fix locking clip. Three diagrams are visible in rear area of the laser lower surface for added reference.
3. Press ON/DIST key when ready to activate laser measuring device.
4. To establish the desired measuring unit press menu to make UNIT appear and blink. Press menu a second time and hold until blinking stops. Next press + or – until desired measuring unit appears. Then press = to select and confirm desired unit. Press ON/DIST key as you are ready to measure.
5. To establish an offset for measuring with additional tolerance press menu to make offset appear and blink. Press menu a second time until blinking stops. Next press + or - until desired positive or negative offset appears. Then press = to confirm desired offset. Press ON/DIST key as you are ready to measure
6. To change measuring units repeat step 4.
7. To change offset repeat step 5.
8. Laser measuring distances in the throws utilizes the reference point at the back of the laser. Of the two reference choices select this one, not the front end of the laser. To establish this reference point, press ON/DIST key to activate the laser, then press the laser icon to move the line to the back of the laser.
9. When ready to use the portable e-measuring device the operator will wait outside The safety net area until the athlete has completed a legal throw, then move into the circle area, place the solid plum bob of the tripod on the radius point, and sight the laser into the target area where a helper has placed the target on the the implement's landing spot and press the measure button and read a distance on the screen. Pressing with the thumb while placing the fingers below the Disto holds the device steady.
10. It may not be necessary to keep the range pole with target in its complete set up When helpers feel confident in keeping it steady and level.
11. The brown target surface should be used for all the "long throws" while white May be used for the shot put event.

ITEM #	QTY	NAME	Part Description
1	1	LASER METER	LEICA DISTO-8 DISTANCEMETER
2	1	TRIPOD MOUNT	QUICK RELEASE TRIPOD MOUNT
3	1	TRIPOD	QUANTARAY TRIPOD QSX 9500
4	1	CENTERING POST	ADJUSTABLE CENTERING POST

A

① ② ③ ④

SCREW TO ATTACH
QUICK RELEASE MOUNT
TO LASER METER
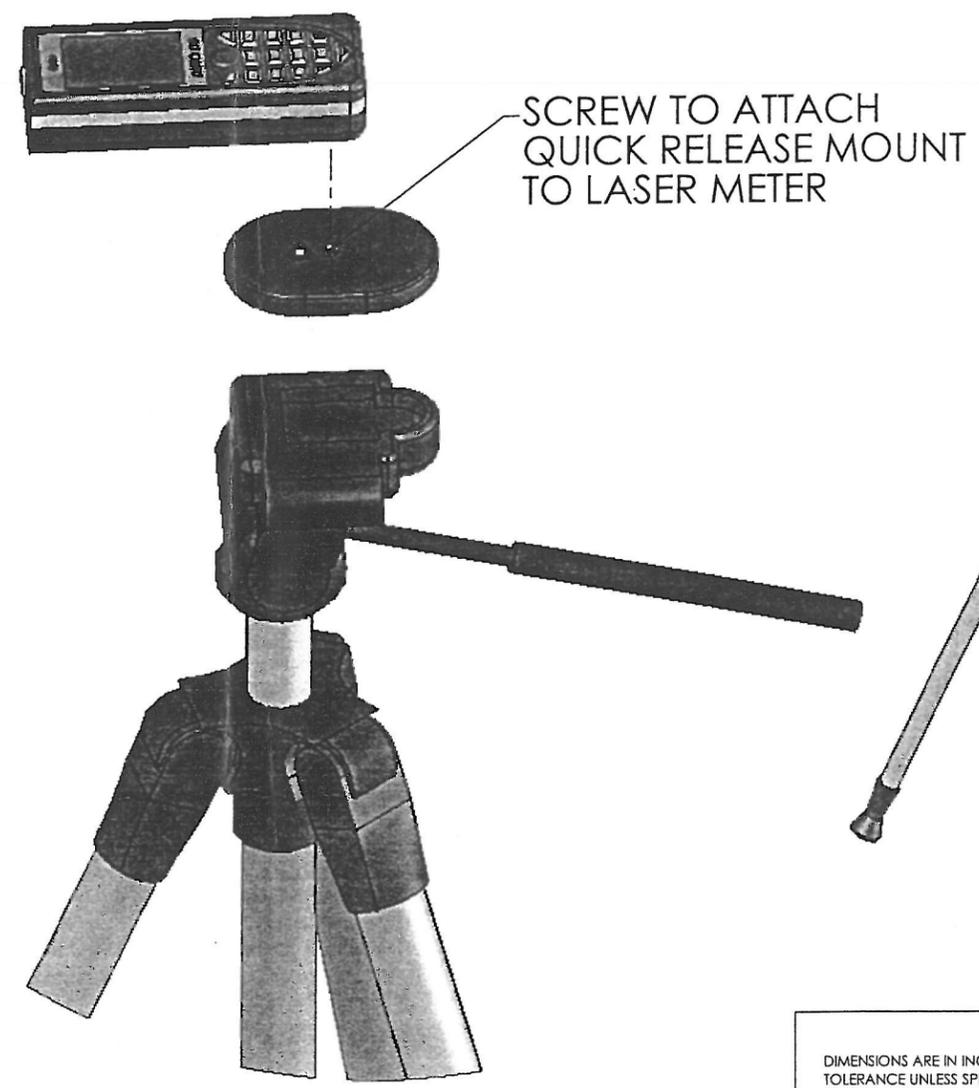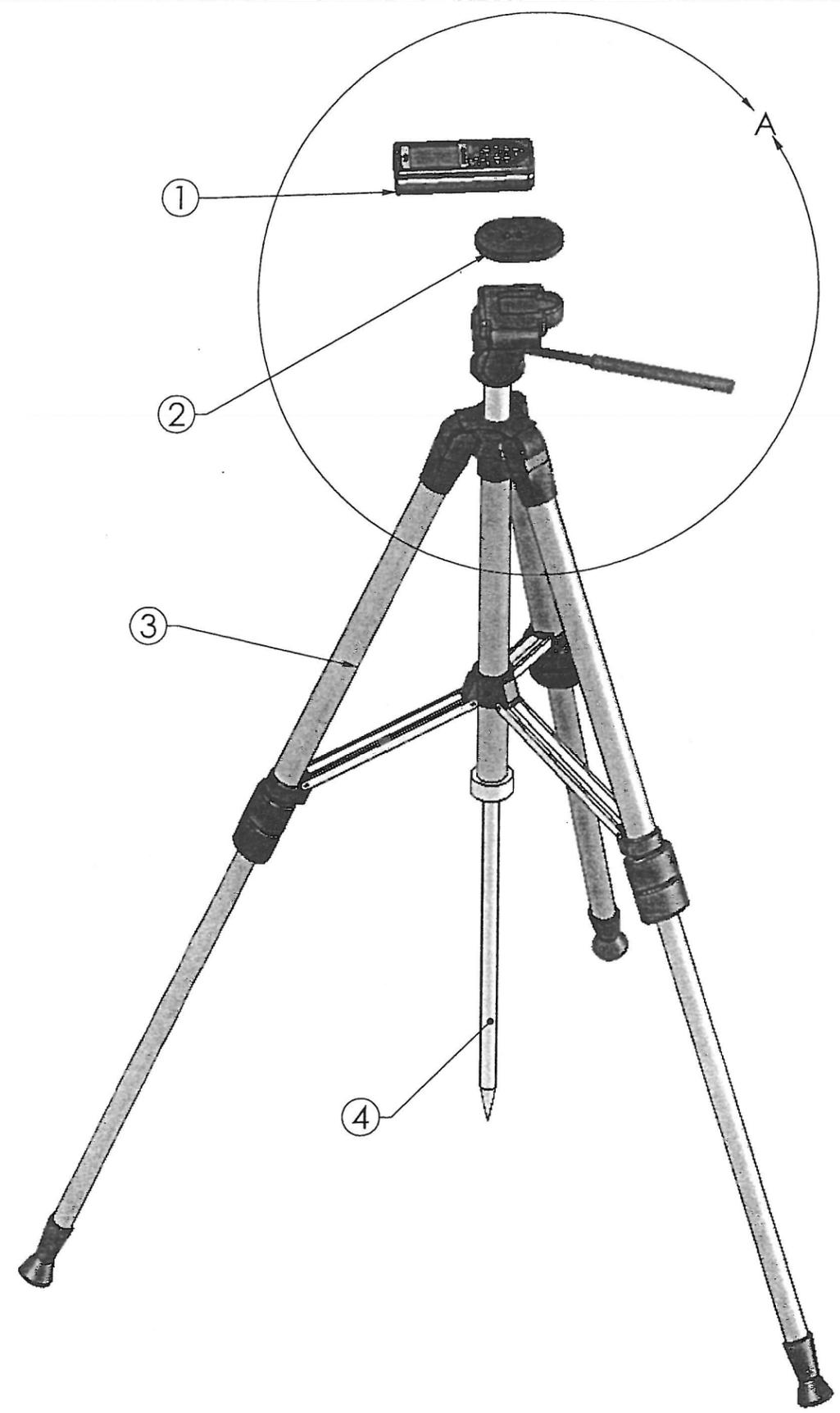
DETAIL A
SCALE 1 : 3

DAVID
DRAFTING & DESIGN SOLUTIONS
BROWN

DIMENSIONS ARE IN INCHES
TOLERANCE UNLESS SPECIFIED
OTHERWISE
ANGULAR: ± 0° 30'
ONE PLACE DECIMAL   ± .1
TWO PLACE DECIMAL   ± .03
THREE PLACE DECIMAL ± .005

COMMENTS:

SolidWorks

DRAWN BY:	D BROWN	
DATE:	7/16/2010	RGN TRACK SUPPLIES
MATERIAL:	--	
FINISH:	--	
SCALE	NOT TO SCALE	

PART NAME:
Laser Tripod 7142010

SIZE
B

REV.

ITEM #	QTY	NAME	Part Description
1	1	TARGET	REVERSIBLE TARGET
2	1	HOLDER	TARGET HOLDER
3	1	RANGE POLE	RANGE POLE WITH LEVEL
4	1	BIPOD	SURVEYOR BIPOD

①

USE BROWN SIDE FOR DISTANCES GREATER THAN 60 FEET
WHITE SIDE FOR DISTANCES UP TO 60 FEET

②

③

LEVEL
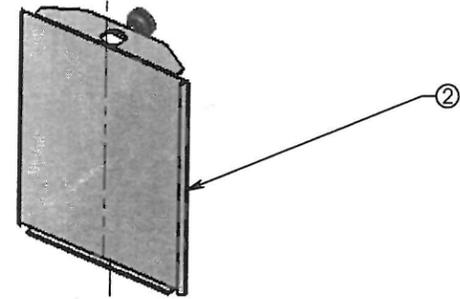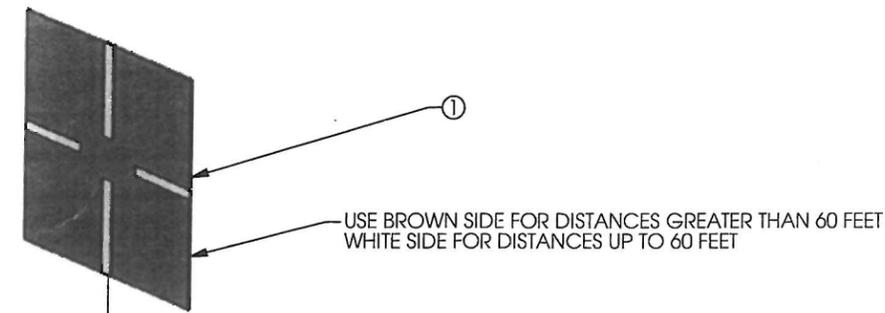
TIGHTEN KNOB TO POSITION
ON CENTER POST

GRIP HERE WHILE DEPRESSING
BUTTON WITH THUMB TO ADJUST LEGS
WHILE LEVELING CENTER POST

A

④

DETAIL A
SCALE 1 : 2

DRAWN BY:	D BROWN
DATE:	3/15/2005
MATERIAL:	--
FINISH:	--
SCALE	1:24

RGN
TRACK
SUPPLIES
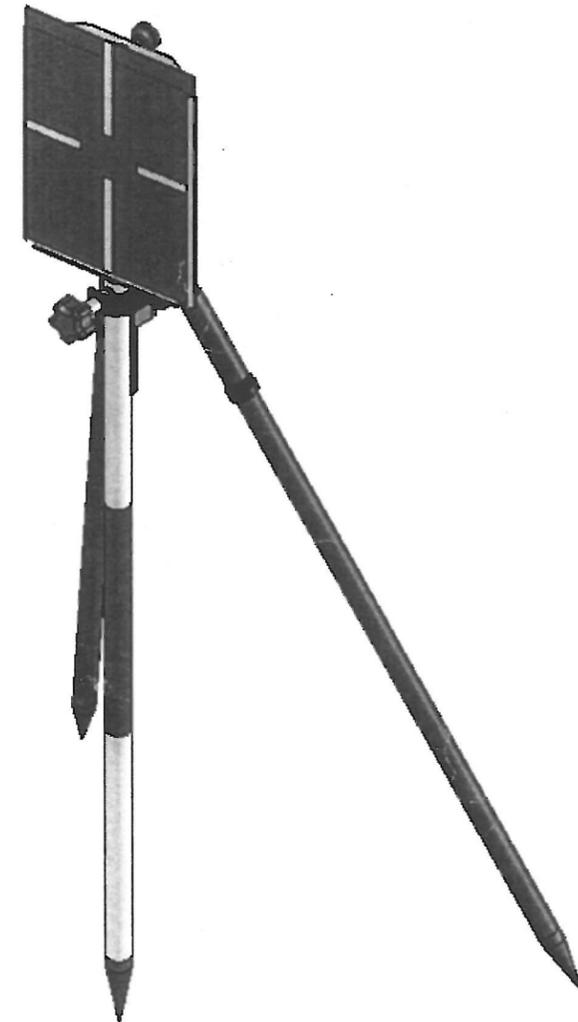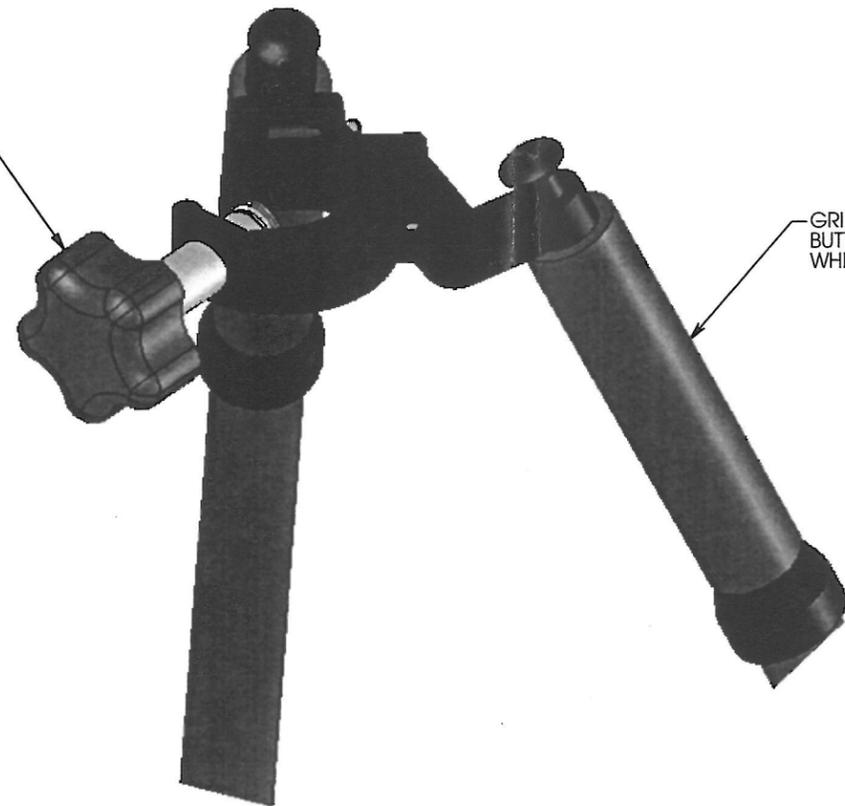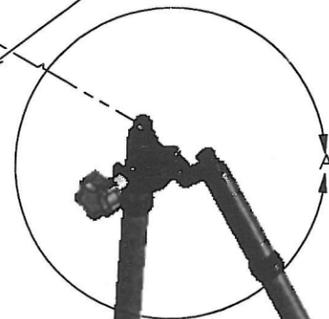
DAVID

DRAFTING AND DESIGN SOLUTIONS COMMENTS:

BROWN

PART NAME:
Target Tripod

SIZE
B

REV