
How To Care For Your Tripod

HOW GOOD IS THE TRIPOD YOU ARE NOW USING ?

The importance of a good, stable tripod in field survey work cannot be over emphasized. Quite often Instrument accuracy problems can be attributed to tripod problems. Your tripod should be periodically checked for tightness.

YOUR TRIPOD SHOULD BE ABLE TO PASS THIS TEST:

1. Set up and level the instrument as usual, directing the telescope cross wires to a well-defined point some distance away.
2. Grasp the tripod head firmly with both hands, applying a twisting motion to the top of the tripod, first in one direction, then in the other.
3. If the lateral displacement of the cross wires from the target, right to left, can be measured with the internal readout of the instrument, the tripod has developed too much looseness and should be reworked or replaced.

THREE CRITICAL AREAS ON THE MODERN TRIPOD THAT NEED ATTENTION:

1. Tripod Shoe must be tightly fastened to the leg.
2. Rounds (or Side Rails) must be securely clamped to the hinge piece.
3. Hinge Piece Pivots must be snug.

For further assistance, please contact our service department.