Barrier Gate Installation

Includes:
1 Barrier Gate Assembly (5 ft. to 12 ft.)
2 Hinge Brackets
1 Lock Bracket
2 ⅛ in. x 1 1/2 in. Hex Bolt
2 ⅛ in. Hex Nuts
2 ⅜ in. Lock Washers
2 ⅛ in. Flat Washers
2 ⅛ in. Nylon Washers
4 ⅜ in. x 3 1/2 in. Lag Bolts
2 ⅛ in. x 1 1/2 in. Lag Bolts
1 10 mm Set Screw (fine thread)
1 3/8 in. x 1 in. Shipping/Setup Screw (coarse thread)

Fig. 1
Installs gate 40 in. - 48 in. above path or road high point onto a plumbed 6 x 6 in. post (or similar). See Fig. 7 for details on installing posts. Placement of the top lag bolt of the upper hinge bracket is 1-7/8 in. below your determined height of Barrier Gate and centered on the post. Lower hinge bracket is 22-3/4 in. (on center) below top bracket, Fig. 1.

Position triangle reinforcement on hinge brackets to the bottom. Drill 5/16 in. pilot holes at each lag bolt position. Screw both hinge brackets in place with (4) 3-1/2 in. lag bolts, Fig. 2.

Backout Shipping/Setup screw so internal extension arms can slide out. Extend internal extension arms as needed to the desired length, Fig. 3.

Tools Required:
- Measuring Tape
- Level
- 3/4 in. x 9/16 in. Socket or box wrench
- Adjustable Wrench
- Electric Drill with 5/16 in. drill bit

Hinge Post & Locking Post Recommendation:
8 ft. - 10 ft. in. or 4 ft. in. Pressure treated lumber
Anchored in 32 in. deep concrete filled hole

Position and install Lock bracket centered onto the second post. Use extended arm to determine height and center the locking bracket on post. Fig. 3. The locking brackets should overlap so post lock (not included) can be attached, Fig. 4.

Drill 5/16 in. pilot holes at lag bolt positions and screw locking bracket in place with 1-1/2 in. lag bolts. Tighten both Set Screws to lock the position of the Extension arms, Fig. 5 & 6.

For roads wider than 12 feet, two Barrier Gates may be used together, with post mounted hinges on each side. The lock loops on the ends of the Barrier Gates can be locked together. Be sure the heights of both gates are the same at their intersection.

Fig. 4
Fig. 5
Fig. 6
Fig. 7