How to Accurately Measure for a Trough Style Hatch Cover Replacement

We’ve Got You Covered…..Top and Bottom!
Tools Required for Measuring:

1) 12’ or Longer Tape Measure
2) Vise Grip C-Clamp
3) 4’ Long Straight Edge
4) ATP Individual Trough Cover ID Form
Begin by filling out the first three items on the ID form.

**CAR RUNNING MARK(S):** 

**COVER MATERIAL (CIRCLE ONE):** FIBERGLASS OR ALUMINUM

**COVER END STYLE (CIRCLE ONE):** ROUND ENDS / SQUARE ENDS / ONE ROUND, ONE SQUARE

A = INSIDE TROUGH TO CENTERLINE OF PIN: .............................................

B = TOP OF TROUGH TO CENTERLINE OF PIN: ............................ ABOVE or BELOW

C = PIN DIAMETER (CIRCLE ONE) ................................................ 3/8" 1/2" 5/8" 7/8"

D = INSIDE OF TROUGH TO INSIDE FACE OF LOCK (IF APPLICABLE) .........

E = TOP OF TROUGH TO TOP OF LOCK TAB: ................................... ABOVE or BELOW

F = STYLE OF LOCK TAB (CIRCLE ONE): ............................................

G = INSIDE TROUGH WIDTH: ................................................................. 20" 24" 30"

H = OVERALL COVER LENGTH: ............................................................... 

I = END OF COVER TO CENTERLINE OF FIRST HINGE: .........................

J = CENTERLINE OF FIRST HINGE TO CENTERLINE OF LAST HINGE: ........

K = CENTERLINE OF MIDDLE HINGE TO CENTERLINE OF LAST HINGE: ....

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**Individual Trough Cover ID Form**

Please fill out as many dimensions as possible and return to ATP for identification. We look forward to identifying your needs!

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**Phone:** 1-800-821-2376
A = Inside Trough to Centerline of Pin

With the cover open, clamp the straight edge inside the trough in line with the hinge pin as shown to the right. Measure from the edge of the straight edge to the centerline of the hinge pin.
B = Top of Trough to Centerline of Pin

With the cover open, position the straight edge across the top of the trough as shown below. Measure from the bottom of the straight edge to the centerline of the hinge pin.

Be sure to indicate on ID form if the centerline of the hinge pin is above or below the top of the trough ring.
Measure the diameter of the hinge pin. Typically, this should measure 3/8”, 1/2”, 5/8”, or 7/8” in diameter.
D = Inside of Trough to Inside Face of Lock

With the cover open, clamp the straight edge inside the trough in line with the lock as shown. Measure from the edge of the straight edge to the inside face of the lock.
E = Top of Trough to Top of Lock Tab

With the cover open, position the straight edge across the trough in line with the lock as shown to the right. Measure from the bottom edge of the straight edge to the bottom edge of the lock clamp. Be sure to indicate on ID form if the lock clamp is above or below the top of the trough.
F = Style of Lock Tab

IRE Lock Tab
ACF Lock Tab
ROM Lock Tab
G = Inside Trough Width

Measure the inside trough opening size. This inside opening dimension should be 20”, 24”, or 30” wide.
H = Overall Cover Length

Measure the overall outside length of the cover.
I = End of Cover to Centerline of First Hinge

Measure the distance from the end of the cover to the centerline of the first hinge.
J = Centerline of First Hinge to Centerline of Last Hinge

Measure the centerline distance between the two outside hinges on the cover. Be sure to measure from centerline to centerline.
K = Centerline of Middle Hinge to Centerline of Last Hinge (If Applicable)

Measure the centerline distance between the middle hinge and the last hinge on the cover. Be sure to measure from centerline to centerline.
Submit Your Completed Form to ATP for Hatch Cover Identification!

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