OPTION 1
Horizontal to Vertical

Gas Strut

Move this end for
varying weight doors

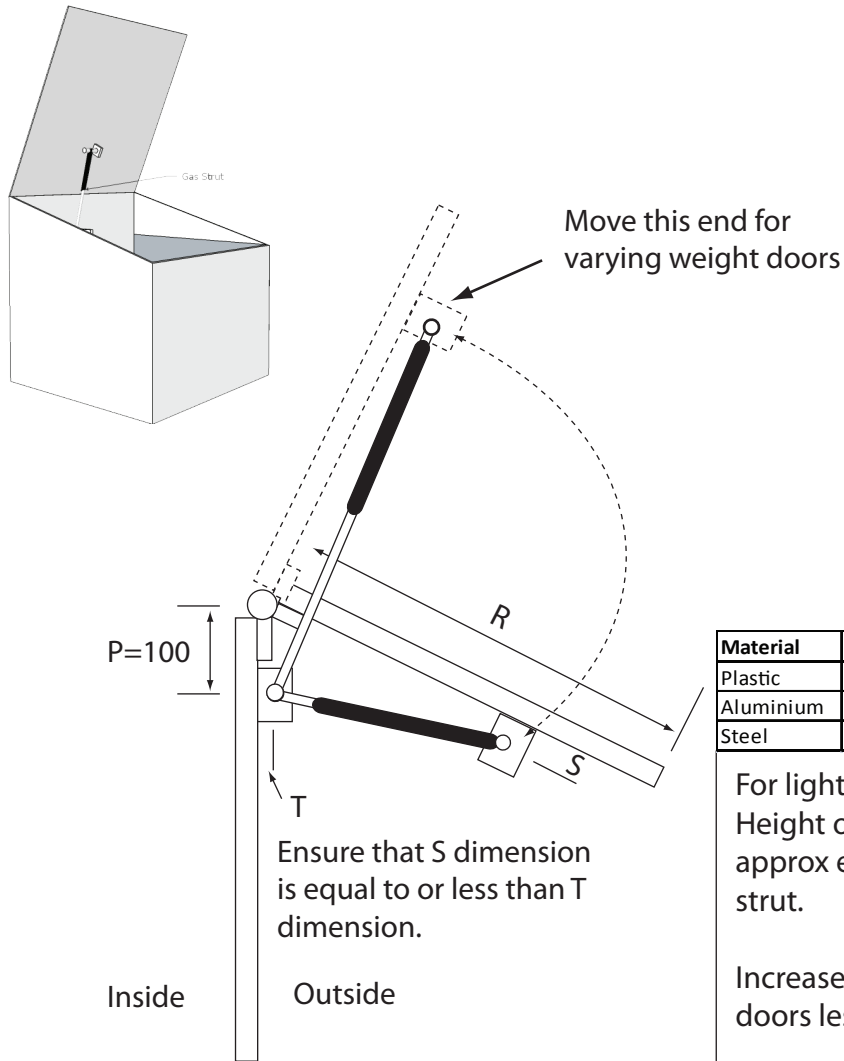P=100

R

S

T

Ensure that S dimension
is equal to or less than T
dimension.

Inside   Outside

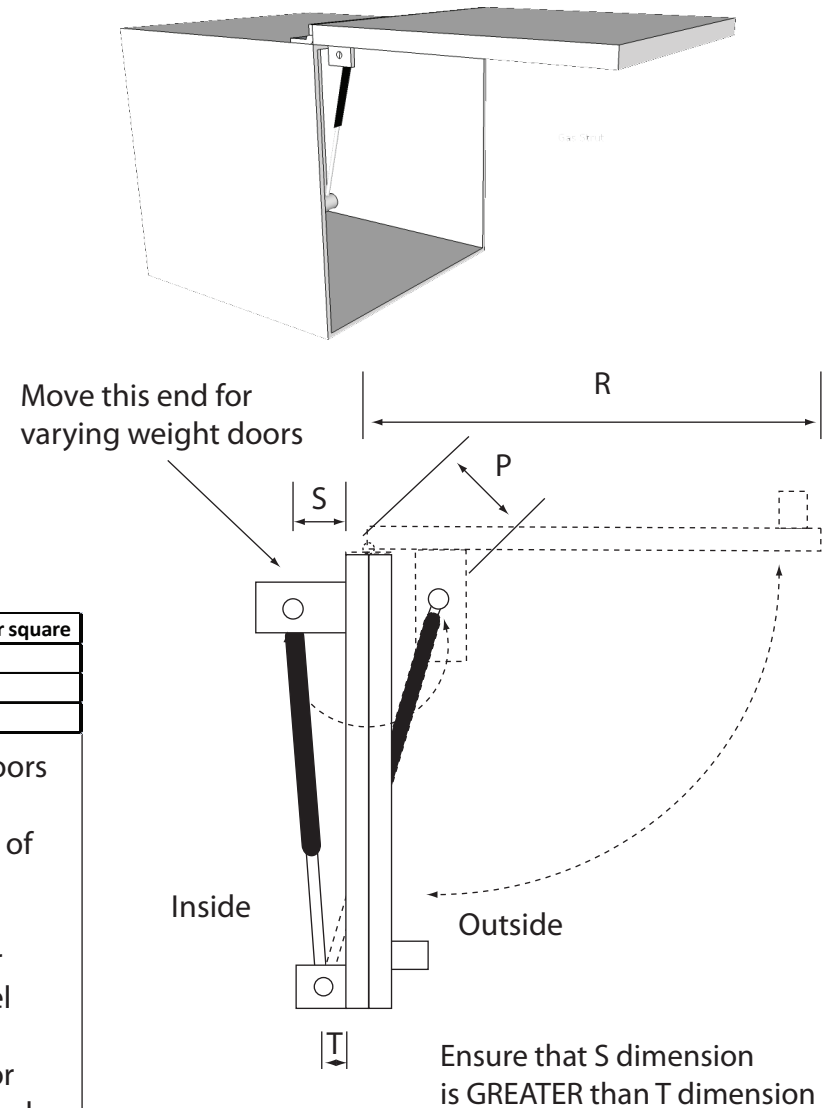| Material	Thickness	Weight 1mtr square
Plastic	10mm	10 kg
Aluminium	10mm	27 kg
Steel	10mm	78 kg

For light and medium doors
Height of door (R)x0.5 =
approx extended length of
strut.

Increase dimension P for
doors less than 90° travel

Decrease dimension P for
doors more than 90° travel

OPTION 2
Vertical to Horizontal

Gas Strut

Move this end for
varying weight doors

R

P

S

Inside

Outside

T

Ensure that S dimension
is GREATER than T dimension

GAS STRUT MOUNTING SYSTEM FOR ANGLED GULL WING LID OPENING
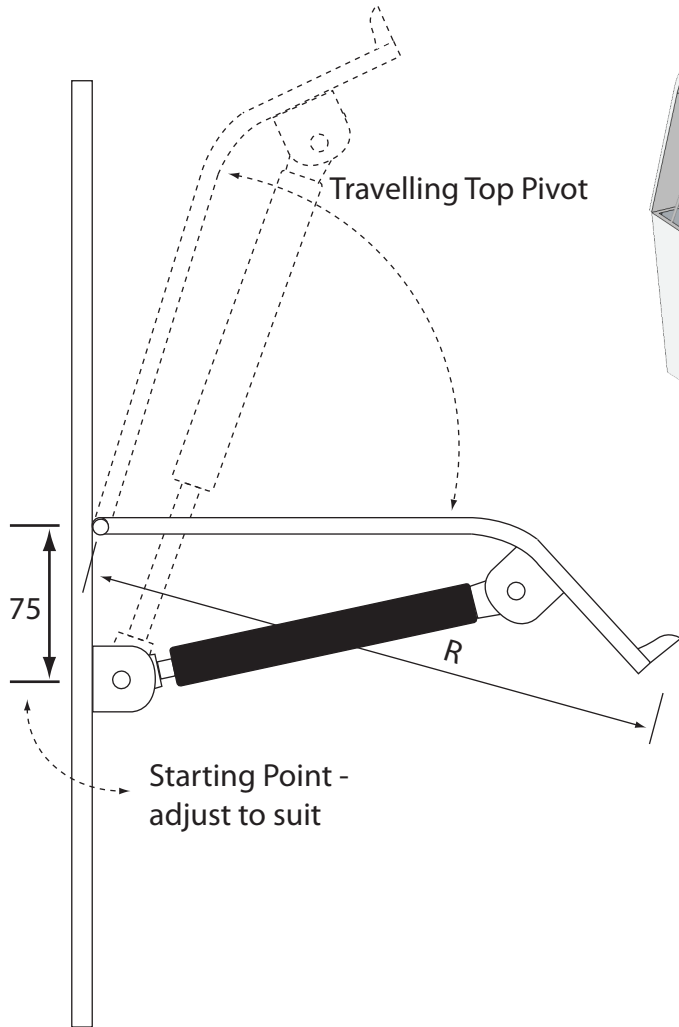
Travelling Top Pivot

75

R

Starting Point - adjust to suit

GAS STRUT MOUNTING SYSTEM FOR SQUARE GULL WING LID OPENING
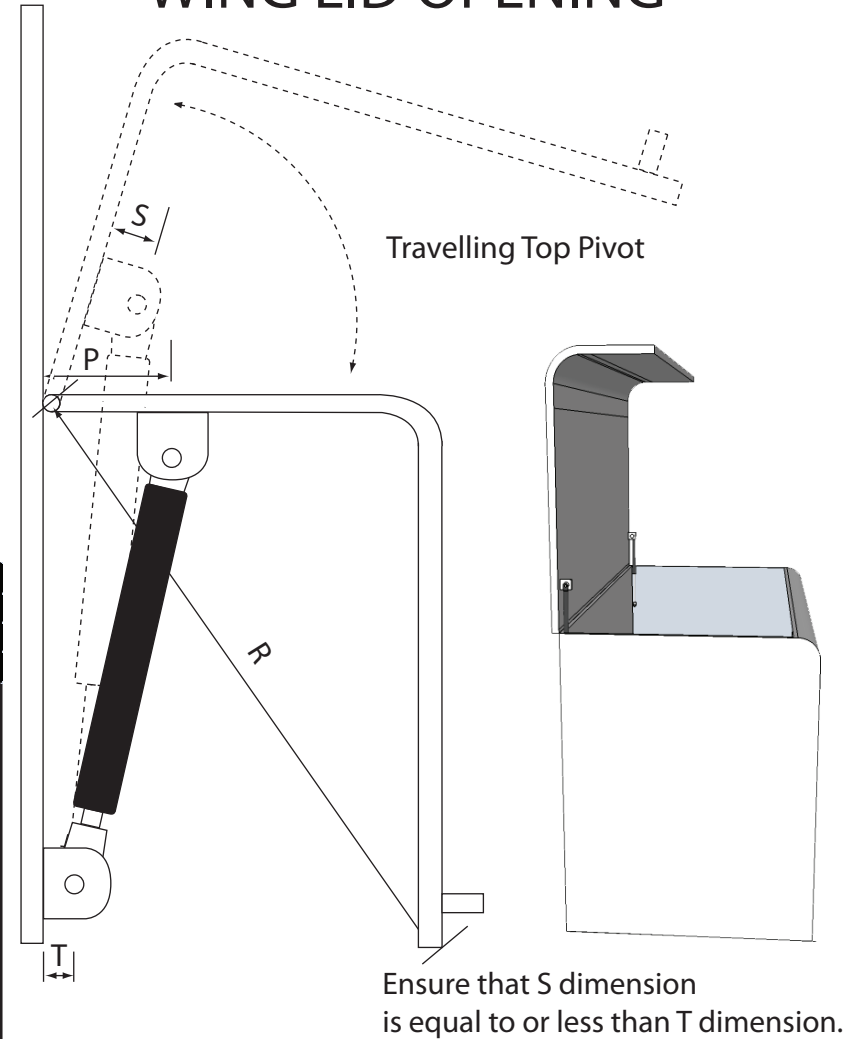
S

Travelling Top Pivot

P

R

T

Ensure that S dimension is equal to or less than T dimension.

Material	Thickness	Weight 1mtr square
Plastic	10mm	10 kg
Aluminium	10mm	27 kg
Steel	10mm	78 kg

Height of door (R)x0.5 = approx extended length of strut.

Increase dimension P for doors less than 90° travel

Decrease dimension P for doors more than 90° travel
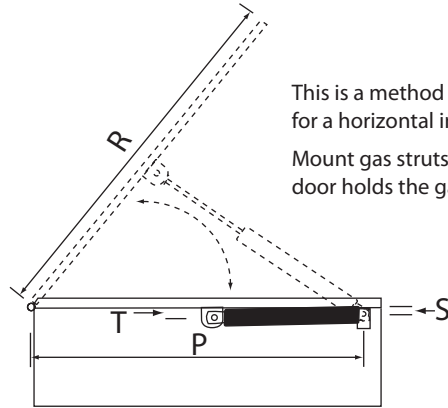
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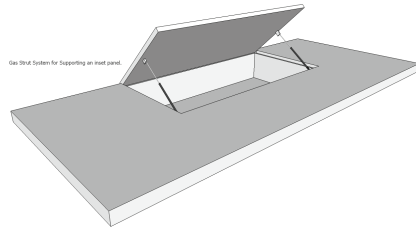FAX 0800 42 66 22

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INSET HORIZONTAL PANEL APPLICATION FOR GAS STRUTS

This is a method for mounting gas struts for a horizontal inset panel.

Mount gas struts so that the weight of the door holds the gas strut closed as required.
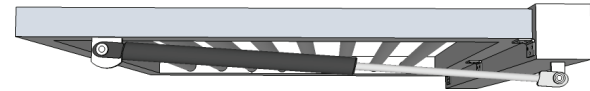
Gas Strut System for Supporting an inset panel.

PEDESTRIAN GATE APPLICATION FOR GAS STRUTS

Mount Gas Strut on a slight angle to ensure that seal stays lubricated, when the strut is at rest.
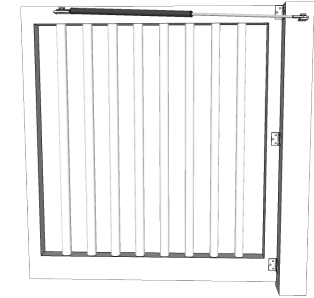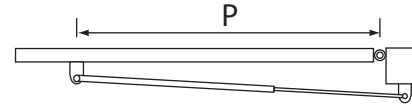
Use this Gas Strut application to make a damper action, soft close pedestrian gate.

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Roof Boxes with Gas Struts

Travelling
Base Pivot

P
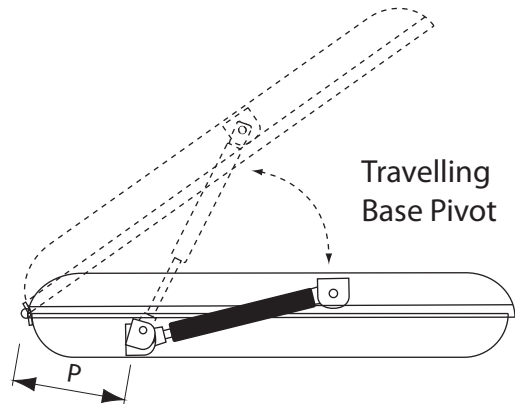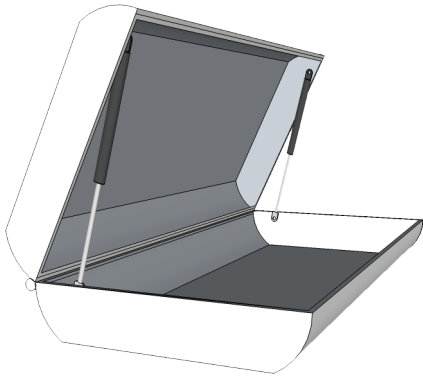
Support Arm with Gas Struts

Travelling
Top Pivot
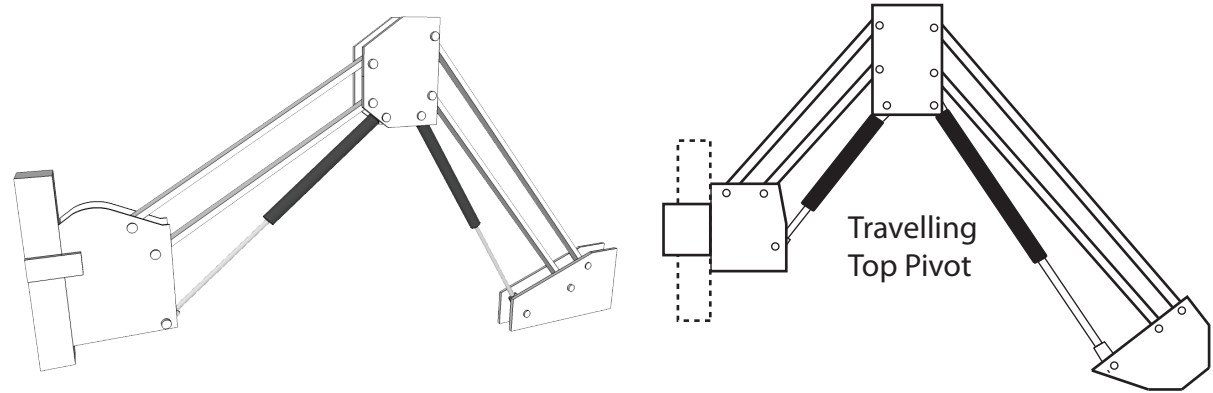
Mount the Gas Strut on a greater angle than the support rods. This creates the neccessary pressure required to give the support.

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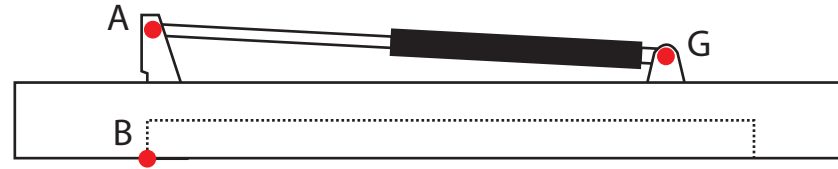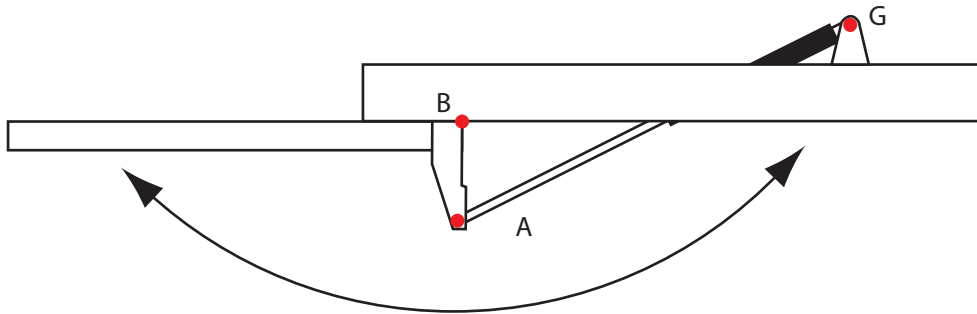orders@comac.co.nz   FAX (06) 354-2662   FAX 0800 42 66 22   PO Box 4   PALMERSTON NORTH 4440

Ceiling mounted man hole cover

Mount the gas strut so that when closed,
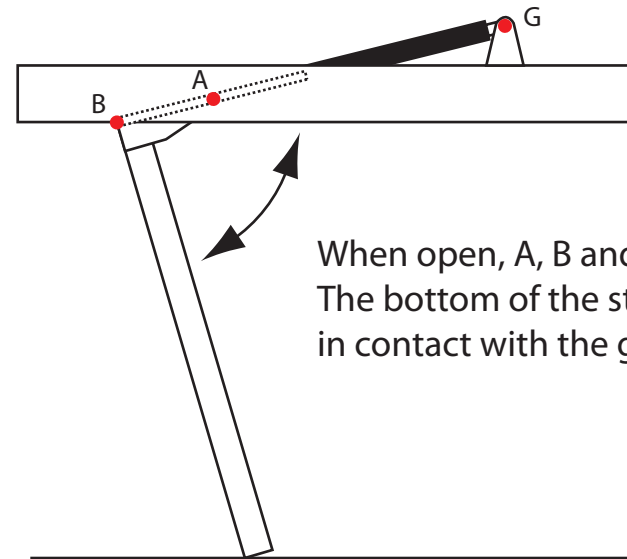 Point A is above point G
  Point B is below G

A

G

B

Option 1

G

B

A

When open, point A is below B and G

Option 2
Stairs

G

A

B

When open, A, B and G are in line.
The bottom of the stairs is
in contact with the ground

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