

# AUSTRALIAN ARROWBOARDS

## FITTING INSTRUCTIONS

Version 3.2



  
**Roadrunner**  
— Parts —

---

## ① SAFETY FIRST



Important:  
The Gas Strut is under pressure. Do not attach strut arm until racks and Arrow Board are mounted.

---

## ② Tilt Rack Lower Stop Setting



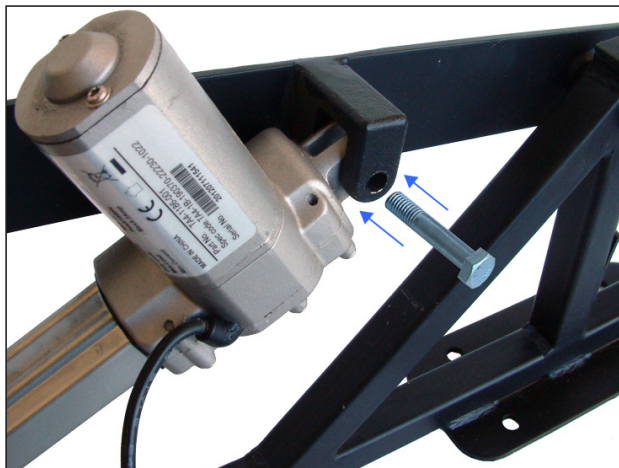
The tilt rack lower stop height is pre-set.

When the arrowboard is lowered and reaches stop, the Amber light next to down switch should be steady and the board should be under slight downward pressure.

If there is movement between the stop bolt and the rest pad when the actuator is fully retracted or if the control panel reports a fault, the stop bolt may need adjusting.

Please refer to supplier for adjustment procedures.

### ③ Mounting the Actuator



❶ Mount motor end of actuator to rack arm using M8 bolt and spring washer.



❷ Mount shaft end of actuator to base of rack using M8 bolt, Flat washer and Nyloc nut.

### ④ Mounting Tilt Racks to Arrowboard



Fit each arm of the racks to the arrowboard using 5 x M8 bolts and spring washers on both sides (Fig.1)

Ensure when mounting, the light sensor and venting holes are facing the bottom of the arrowboard and that the actuator is on the driver's side of the vehicle.



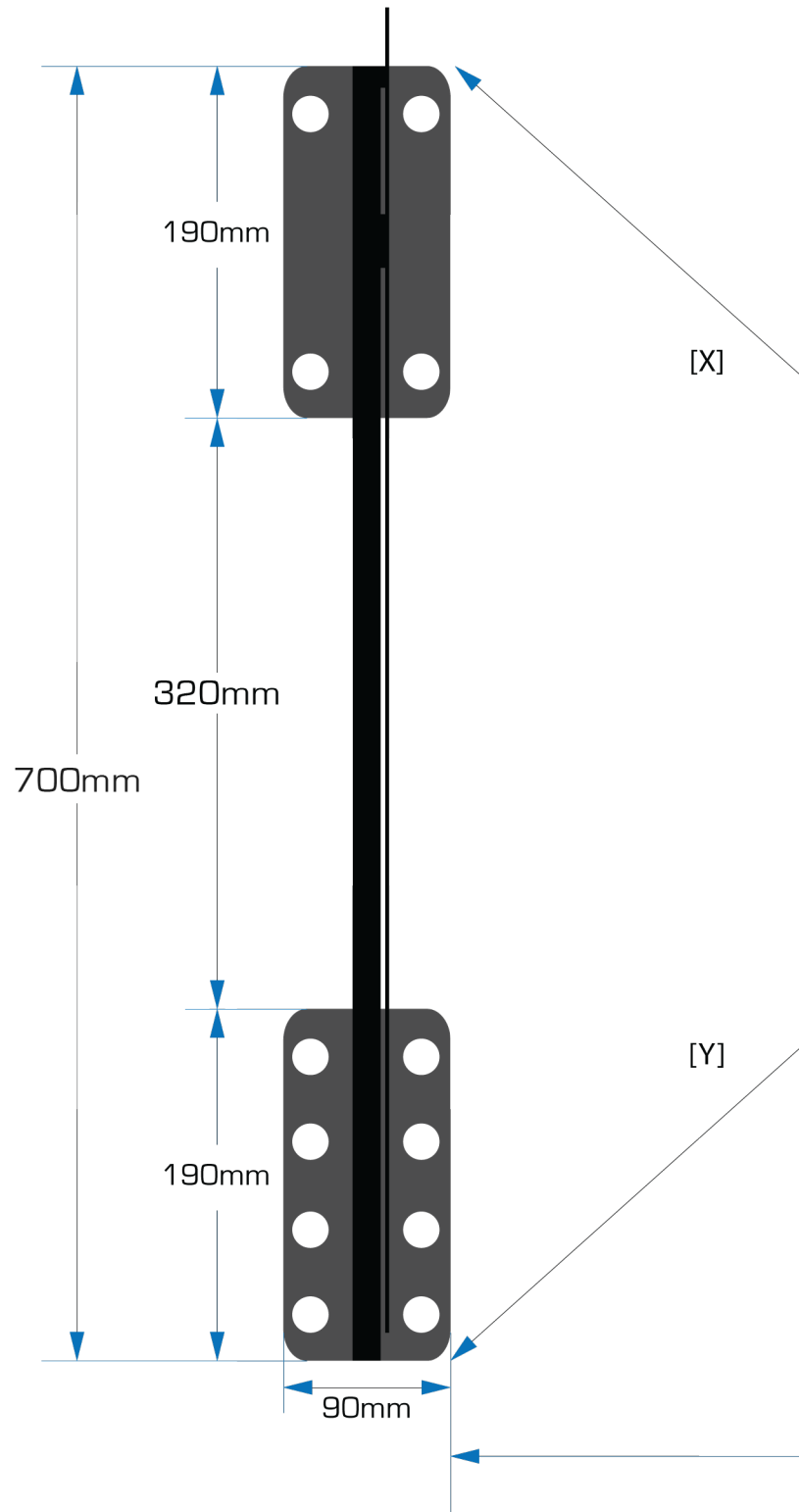
**M8 x 30mm Bolt**  
**M8 Spring washer**

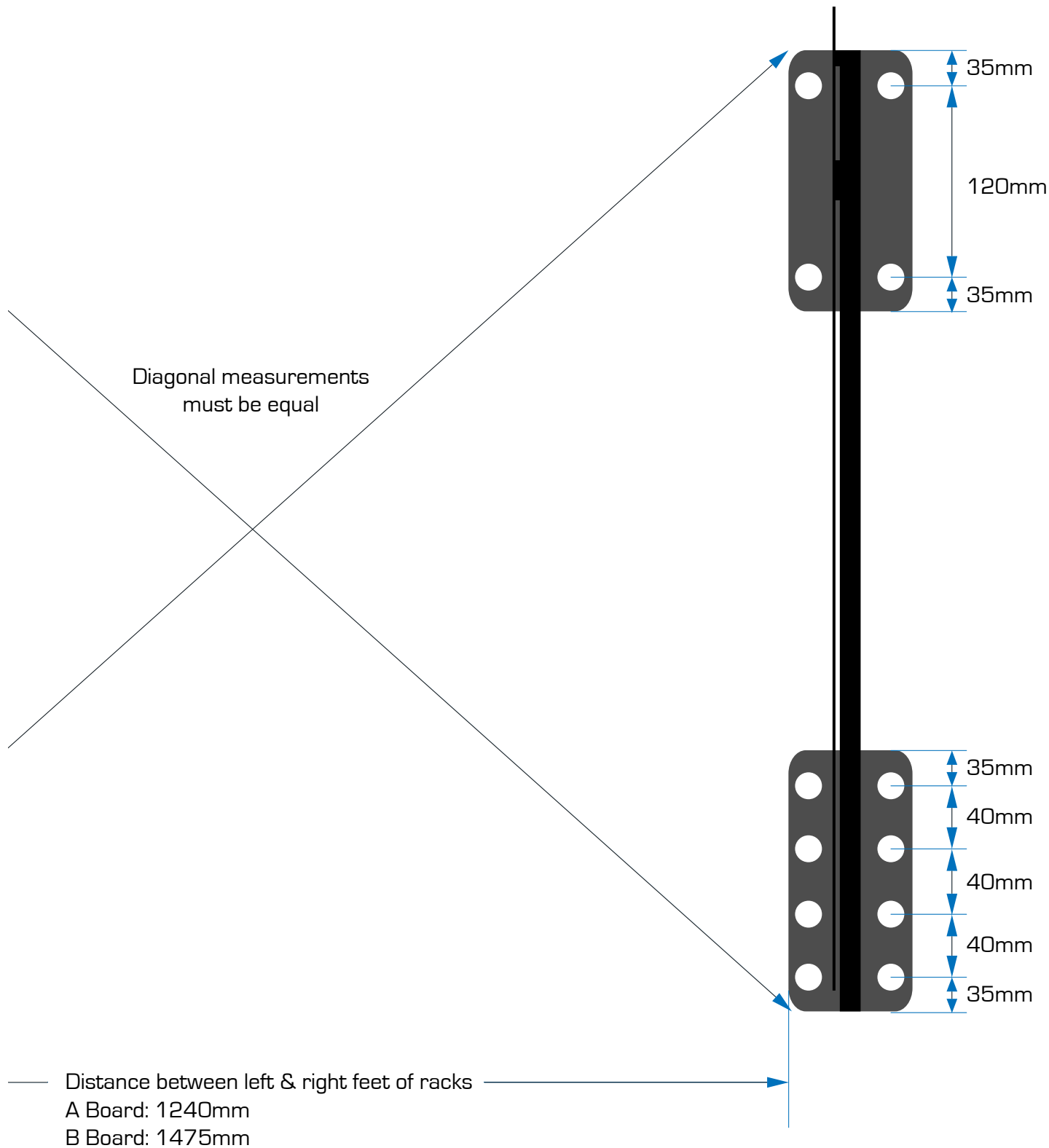
Fig.1

## ⑤ Locating Arrowboard / Tilt Rack Assembly on Vehicle

- ① Locate board and rack assembly on mounting point on vehicle (e.g. Roof Rack, Sign cage etc).
- ② Ensure distance between left and right rack mounting feet is correct and diagonal measurements (X,Y) are the same.
- ③ Tighten M8 mounting bolts and recheck dimensions.

\* If fitting to cargo bin or sign cage, ensure dimensions as per diagram.

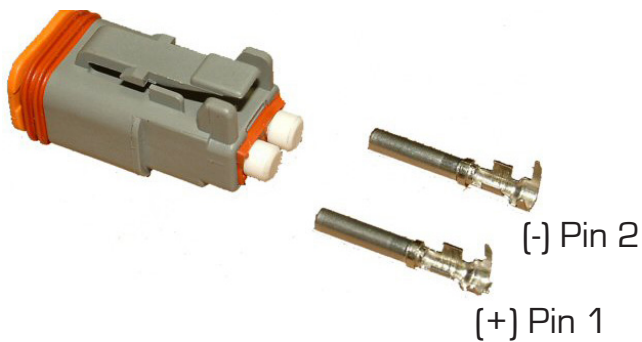






---

## ⑥ Beacon Connection



❶ Remove DT plug from beacon circuit at arrowboard cable. Remove and discard white blanking plugs. Carefully remove the orange wedge plug using small screwdriver.

❷ Crimp contact sockets (supplied) to beacon cable.

❸ Insert contact sockets into rear of plug ensuring sockets are fully home and locked in place. Check polarity (1-Positive, 2-Negative) Re-insert locking wedge.

---

## ⑦ Actuator & Switch Panel Connections

Arrow  
Board



Actuator



Switch  
Panel



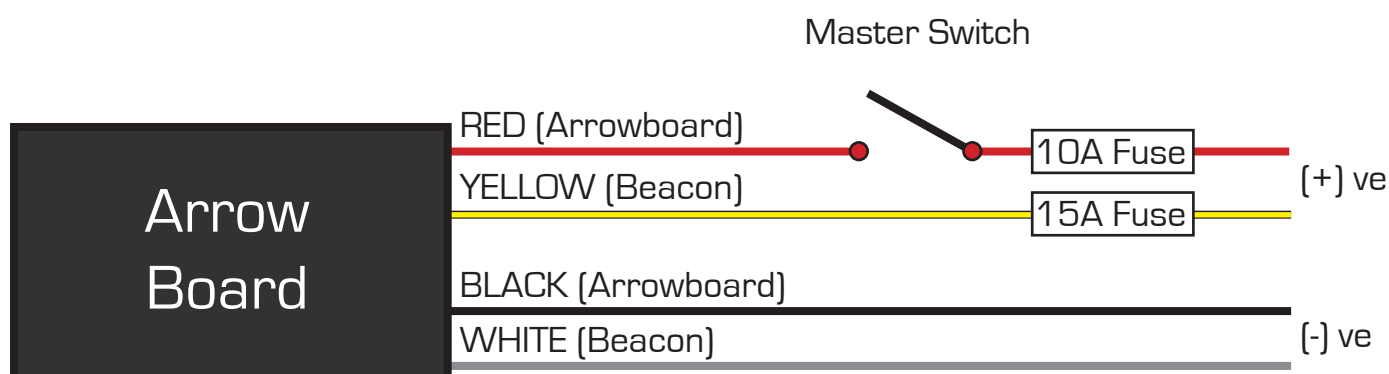
❶ To connect actuator first remove and discard blanking plug from actuator on arrowboard cable.

❷ Insert actuator lead plug.

❸ Connect switch panel lead.

---

## ⑧ Power & Fuse Connections



*Please note Australian Arrow Boards are designed to operate on either 12V or 24V. Any beacons or actuators operating through the Arrow Board control system must be specified to the vehicle voltage.*



Note:  
Only connect Power when Keypad is connected.  
Otherwiser error may sound.

---

Thank you for purchasing an Australian Arrow Boards product.

Australian Arrow Boards products conform to:

Australian Standards AS4192-2006



Transport  
for NSW

Transport for NSW FAS/5

A Board 1005-FAS5-01A

Certificate No: ITS-TAN000044

B Board 1005-FAS5-01B

Certificate No: ITS-TAN000045



C-Tick No. N24440

Lamps NATA Certified Report No. V080404/03



Phone: (02) 9607 5774

Websites: [www.australianarrowboards.com.au](http://www.australianarrowboards.com.au)  
[www.roadrunnerparts.com.au](http://www.roadrunnerparts.com.au)

Email: [sales@roadrunnerparts.com.au](mailto:sales@roadrunnerparts.com.au)

Address: Unit 2/42-44 Whyalla Place,  
PRESTONS 2170

---

This publication is copyright. All rights reserved. This publication may not be reproduced in full or in part by any means (electronic or mechanical) without the prior written permission of Australian Arrow Boards.

---