



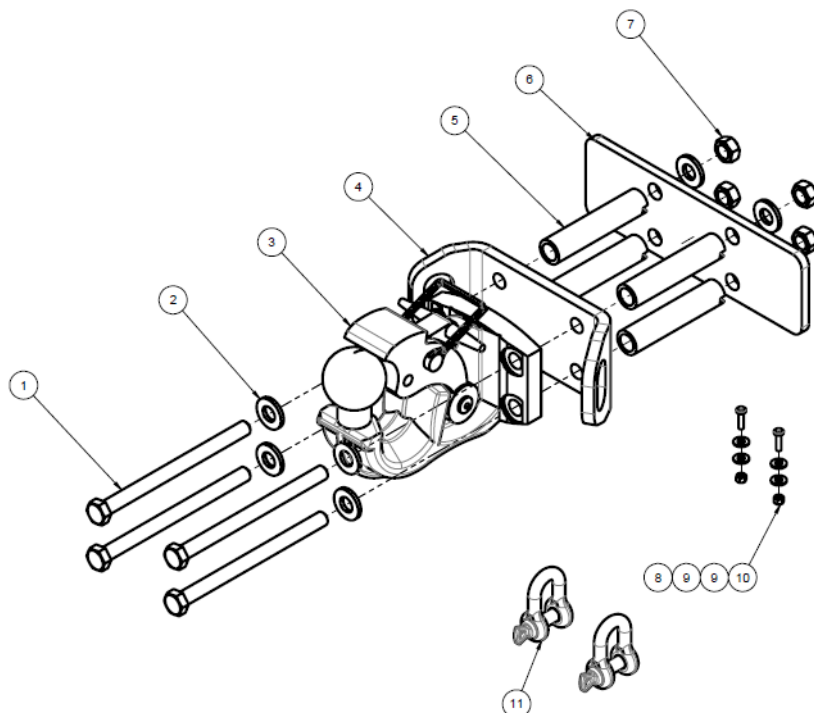
# CLASS 5 TOWBAR INSTALLATION INSTRUCTIONS

HITCH KIT PART NUMBER

MCL5C-FGD-PIN

HITCH TYPE

FORGED COMBINATION PINTLE



## PRODUCT DETAILS:

|                                    |                |                           |      |     |
|------------------------------------|----------------|---------------------------|------|-----|
| Part Number:                       | MCL5C- FGD-PIN | Maximum Towing Braked:    | 3500 | kg* |
| Pintle Part No. (where applicable) | 74121          | Maximum Towing Unbraked:  | 750  | kg  |
| Ball Size (where applicable)       | 50 MM          | Maximum Static Ball Load: | 350  | kg* |

\*NOTE: maximum rating may lower if GVM is over 5,000kg - refer to VSB6/VSG16

## Kit contents List

| ITEM | DESCRIPTION                  | QTY |
|------|------------------------------|-----|
| 1    | M12 x 160mm x 1.75P BOLT     | 4   |
| 2    | WASHER PLAIN 1/2X1-1/8X16G   | 8   |
| 3    | FORGED PINTLE WITH 50MM BALL | 1   |
| 4    | BOLT ON CHAIN CONNECTION     | 1   |
| 5    | NOTCHED CRUSH TUBE           | 4   |
| 6    | LOAD SPREADER PLATE          | 1   |

| ITEM | DESCRIPTION                      | QTY |
|------|----------------------------------|-----|
| 7    | M12 x 1.75P NYLOC NUT            | 4   |
| 8    | SCREW PAN HD M4 X 16 X 0.7P G4.6 | 2   |
| 9    | WASHER PLAIN3/16 X 1/2 X 20G     | 4   |
| 10   | NUT NYLON LOCK HEX HD M4X0.7P G8 | 2   |
| 11   | 10mm "D" SHACKLE                 | 2   |

Please note that this hitch kit is part of a modular towbar range. In order to complete a towbar installation, three separate kits are required:

- A. SIDEARM KIT
- B. CROSSTUBE KIT
- C. HITCH/PINTLE KIT (included)



# CUSTOMER INFORMATION

PLACE THESE INSTRUCTIONS IN THE  
VEHICLE'S GLOVEBOX AFTER INSTALLATION

**ENSURE THAT INSTRUCTIONS ARE UNDERSTOOD PRIOR TO FITMENT.**



## BEFORE YOU START:

Hayman Reese recommends that instructions are read completely prior to fitment.

Check all hardware items have been included refer to assembly diagram.

Note that to create a full towbar installation, the installer will require:

1 x Side arm kit

1 x Cross tube kit

1 x Hitch Kit

Do not attempt to start installation until a complete towbar kit contents is confirmed.

Please ensure this towbar is only fitted to vehicle models as per Hayman Reese application guide. ([www.haymanreese.com.au](http://www.haymanreese.com.au))



## Compliance and Legal Requirements

It is important to check if the fitting of this towbar requires sign off after fitment by an approved vehicle engineer.

For Light vehicles (Under 4500kg GVM) this will depend upon the state or territory in which the vehicle is registered.

For vehicles over 4500kg GVM the requirements of the National Heavy Vehicle Regulator will apply. Please consult your local transport authority (or NHVR) for guidance on this matter.

If Truck GVM is over 5000kg ensure requirements for additional labelling of the bar for VSG 16 are met. Hayman Reese have a range of labels suitable for this purpose – contact Hayman Reese for further information.

There is a requirement under AS4177 for the height of a **50mm towball** to meet the requirements for ADR 62/02. This height measured from the ground is 350mm to 460mm when the vehicle is fully laden to GVM. Refer to detailed guidance specified below.

It is also important to understand the customer expectations regarding ball height and matching this whilst ensuring compliance to AS4177 and ADR 62/02.

### Drilling

- For any required drilling during installation, ensure that the area is clear of fuel, electrical & other components that may be damaged.
- All holes drilled into the chassis shall have all burrs & swarf removed then coated with a suitable rust preventative paint.

### Bolts/Fasteners

- Ensure that all hardware is fastened to correct torque as specified in this fitting instruction.
- All fasteners supplied with this product are used to achieve a specified clamp loading. If replacement is required ensure that fasteners of the same grade and class are used.

**NOTE: Achieving correct torque is critical to proper installation and responsibility of the installer. Towbar failures attributed to tension issues from over tightening or under tightening are not covered by Hayman Reese warranty.**



## WARNING:

**Do not, drill, cut, weld or otherwise modify the towbar.**

**FOR TOWING PURPOSES ONLY - This towbar is designed and tested by Hayman Reese to adhere to ADR 62/02 which provides only for the expected load demands of towing.**



# CUSTOMER INFORMATION

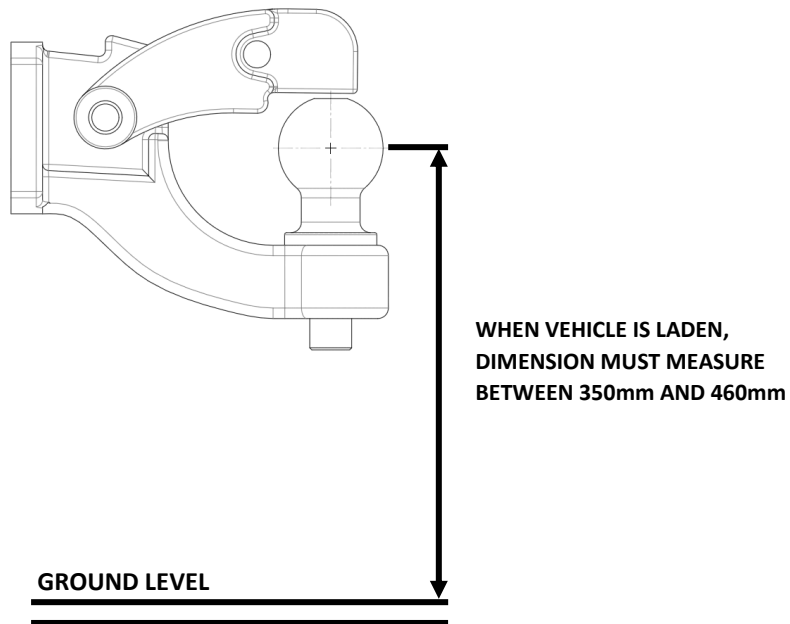
PLACE THESE INSTRUCTIONS IN THE  
VEHICLE'S GLOVEBOX AFTER INSTALLATION



## IMPORTANT INFORMATION ON MODULAR CLASS 5 RANGE

In all applications where a 50mm towball is used for towing, certain Australian Design Rules (ADR) regulations must be met. **Australian Standard 4177.1** states:

*When towbar and towball are fitted to the laden towing vehicle, the height of the towball above ground shall be between 350mm and 460mm (or capable of being adjusted)*



Prior to purchasing, it is important to ensure that your chosen combination of A, B and C kits will be compliant with ADR 62.

See fitting instructions from A: SIDEARM KIT for more detailed instructions and dimensions.

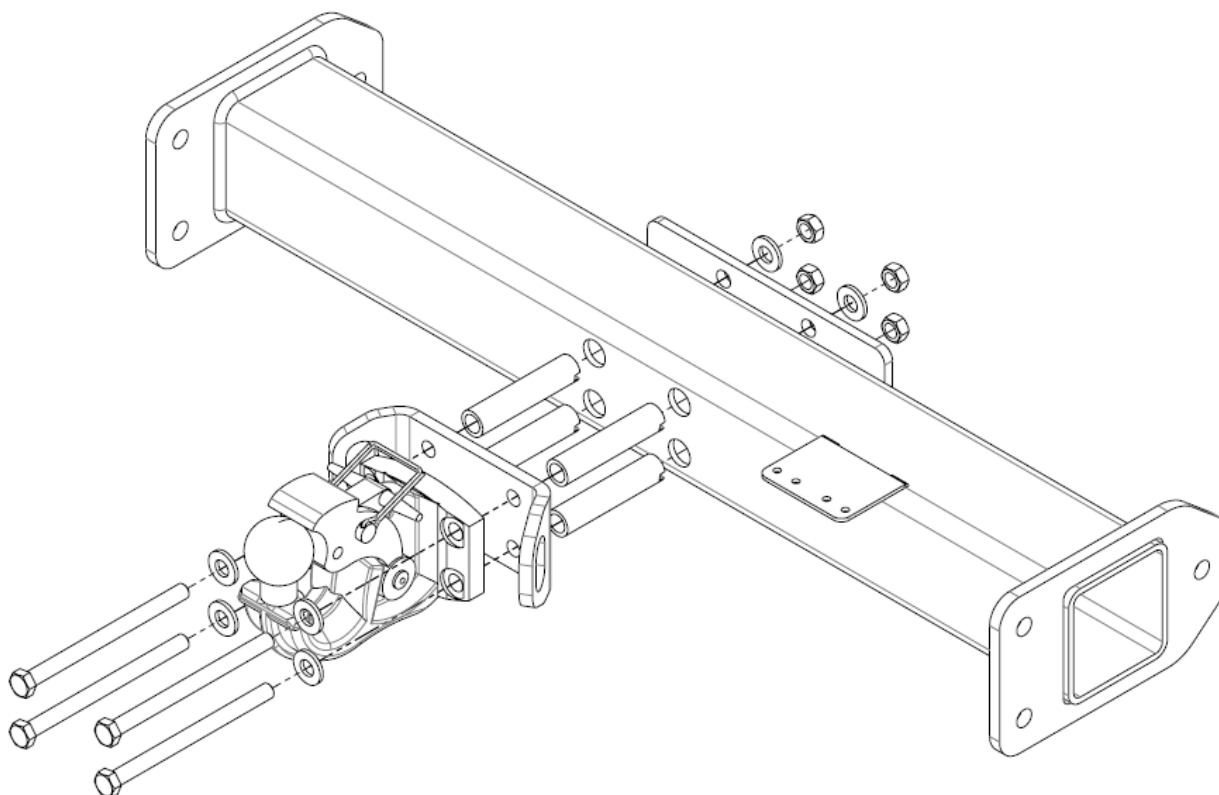


# CUSTOMER INFORMATION

PLACE THESE INSTRUCTIONS IN THE  
VEHICLE'S GLOVEBOX AFTER INSTALLATION



## HITCH KIT ASSEMBLY DIAGRAM – FITMENT TO CROSS TUBE



1. Insert crush tubes into corresponding cross tube (not included) holes. Ensure notched ends of crush tubes face back of cross tube.
2. With crush tubes in place, loosely bolt the load spreader plate, bolt on chain connection plate, and pintle to the cross tube with 4 x M12 x 160mm bolts, complete with 2 x washers and 1 x nyloc nut per bolt.

**Torque M12 fasteners to 77 Nm**



# CUSTOMER INFORMATION

PLACE THESE INSTRUCTIONS IN THE  
VEHICLE'S GLOVEBOX AFTER INSTALLATION

**THANK YOU FOR PURCHASING HAYMAN REESE.  
WITH CORRECT MAINTENANCE AND CARE THIS PRODUCT WILL PROVIDE A  
LIFETIME OF TROUBLE-FREE OPERATION.**

## **TOWBAR MAINTENANCE AND CARE:**

1. Hayman Reese recommends routine inspection of your towbar to ensure trouble free towing.
  - Bolt security and tension should be regularly inspected and checked for correct tension. Replace any worn or defective parts with suitable grade & class fasteners. Inspection should be requested to coincide with vehicle major services.
2. It is the owner's responsibility to ensure towing and down ball weight capacities of the towing vehicle are not exceeded.
  - Towing and down ball weights allowable may differ according to model variations. Please refer to owner's manual or vehicle dealer to confirm exact rating for your vehicle model variant.
  - It is not uncommon for the vehicle tow rating to differ from the towbar rating. When this occurs, the lesser rating must be adhered to.
  - For vehicles fitted with enhanced vehicle functions that may be altered/changed when towing i.e Trailer sway mitigation, blind spot detection, adaptive cruise control etc. Please consult owner's manual to understand changes enabled when towing and after towing.

## **WARRANTY INFORMATION:**

Hayman Reese Towbars are covered by a Lifetime Warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For further details please visit [www.haymanreese.com.au/warranty](http://www.haymanreese.com.au/warranty) or contact customer service on 1800 812 017 or [info@haymanreese.com.au](mailto:info@haymanreese.com.au).