### **INSTALLATION INSTRUCTIONS**



# R1931W - TO SUIT TOYOTA CAMRY SEDAN & WAGON 8/97- 06/2006 PLEASE READ INSTRUCTIONS THROUGH BEFORE YOU BEGIN

<u>WARNING</u>: 1. Do not drill, cut weld or otherwise modify the towbar.

2. If you are using electric welding on a motor vehicle, <u>always</u> check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could <u>destroy</u> any onboard computers. If in doubt, check with the vehicle's manufacturer.

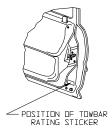
Camry Wagon 4 cyl = Max. Tow Weight: 1100kg Camry Wagon 6 cyl = Max. Tow Weight: 1200kg Camry Sedan 4 cyl = Max. Tow Weight: 1200kg Camry Sedan 6 cyl = Max. Tow Weight: 1600kg

- 1. Ensure all hardware items have been included.
- 2. Remove spare wheel cover completely and spare wheel.
- 3. Station Wagons: Remove plastic cover which has two chrome cargo anchors points.
- 4. Remove both shipping hooks and bolts and discard.
- 5. Remove muffler from two rear most hangers and remove rear most rubber hanger.
- 6. Lift tail section of towbar up into position and support with jack.
- 7. Lift towbar section up into position, driver's side first up over exhaust and fit four M10x35 bolts 1.25 pitch, spring washers and flat washers.
- 8. Bolt tail section of towbar to cross pipe section using two M10x30 bolts, spring washers and nuts as per drawing.
- 9. Using tail section angle iron as guide, drill with a long 11mm drill into boot floor.
- 10. From inside of boot align holes on loose plate with hole just drilled into angle iron on tail section. See diagram for correct loose plate positioning.
- 11. Drill remaining two holes into rear of wheel well and fit bolts and loose plates as per drawing.
- 12. Tighten all bolts to torque listing below.
- 13. Refit exhaust to forward most rubber hanger. Refit rear most rubber hanger to rod provided on towbar and to exhaust.
- 14. Refit plastic cover, spare wheel and spare wheel cover.
- 15. Towbar rating sticker to be conspicuously located on inside rear end of the driver's door. (see diagram below)

**NOTE:** Hayman Reese recommends that you check your towball to ensure it complies to Australian Design Rules.

### RECOMMENDED ASSEMBLY TORQUE LISTING

<u>Diameter</u>	<b>Grade 8.8 Bolt</b>
	Nm
M6	9.5
M8	21.7
M10	43.4
M12	77.3
M14	121.0
M16	189.8

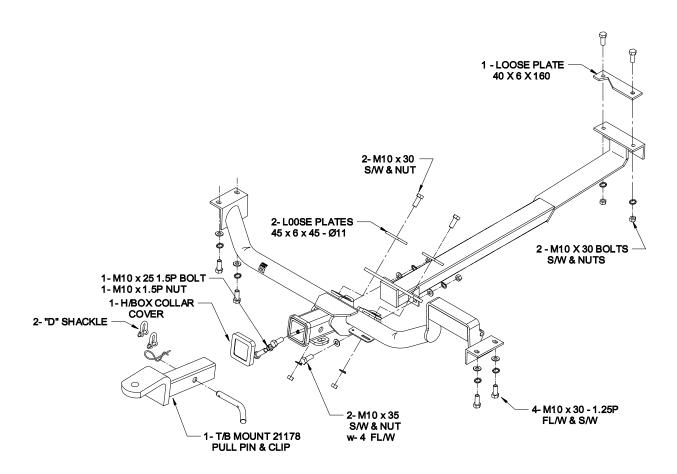


### FOR TOWING PURPOSES ONLY

For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.

<u>PLEASE NOTE</u>: You must remove the Trailer Ballmount unless you are actually towing if it obscures your number plate. Failure to do so may result in a fine.

## R1931W - TO SUIT TOYOTA CAMRY SEDAN & WAGON 8/97-on



# **HAYMAN REESE**

PART No: 100291-WL CAMRY AVALON (2008 and Onwards)

# **INSTALLATION INSTRUCTIONS**

PLEASE ENSURE THAT INSTRUCTIONS ARE UNDERSTOOD PRIOR TO FITMENT

## **Trailer Harness Installation Instructions**

CAMRY / AVALON (2008 and Onwards) Part No: 100291-WL

Tail Harness Length Required: 1800mm RPA Override Switch Part No: 04848 (If Fitted)

**Trailer Harness Installation time: Approx. 30 Mins** 

Issue Date 01-08-11 Page 1 Part No: 100291-WL

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# **HAYMAN REESE**

PART No: 100291-WL CAMRY AVALON (2008 and Onwards)

# **INSTALLATION INSTRUCTIONS**

### PLEASE ENSURE THAT INSTRUCTIONS ARE UNDERSTOOD PRIOR TO FITMENT

#### **AVALON / CAMRY**

- 1. Remove the luggage compartment centre trim, by removing the two trim clips.
- 2. Remove the LHS luggage compartment trim by removing the five trim clips.
- Remove the Ø31mm grommet in the luggage compartment floor at LHS rear corner.

Warning: If vehicle is fitted with a moon roof, continue with step 4. For all other vehicles, skip to step 5.

- 4. Next to the Ø30mm roof drain pipe, drill a Ø31mm using a hole saw.
- 5. File any rough or sharp edges and spray on rust inhibitor.
- 6. Mount trailer socket to towbar mounting bracket using M4 fasteners (Not supplied).
- 7. Route the tail harness (tail length 1800) through the previously drilled out grommet hole.
- 8. Ensure the tail harness grommet is seated correctly and secured in place using cable ties (Not supplied)
- 9. Locate the vehicle 6 way female break out connector and connect trailer patch (100291-WL) then patch the 8-way female connector to 8-way male connector.
- 10. Test the trailer harness function using a light board or multimeter.
- 11. Secure all harness using cable ties (Not supplied).
- 12. Refit all removed parts and secure all fasteners, ensuring there are no squeaks and rattles.
- 13. Place fitting instructions in glove box after fitment.

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