

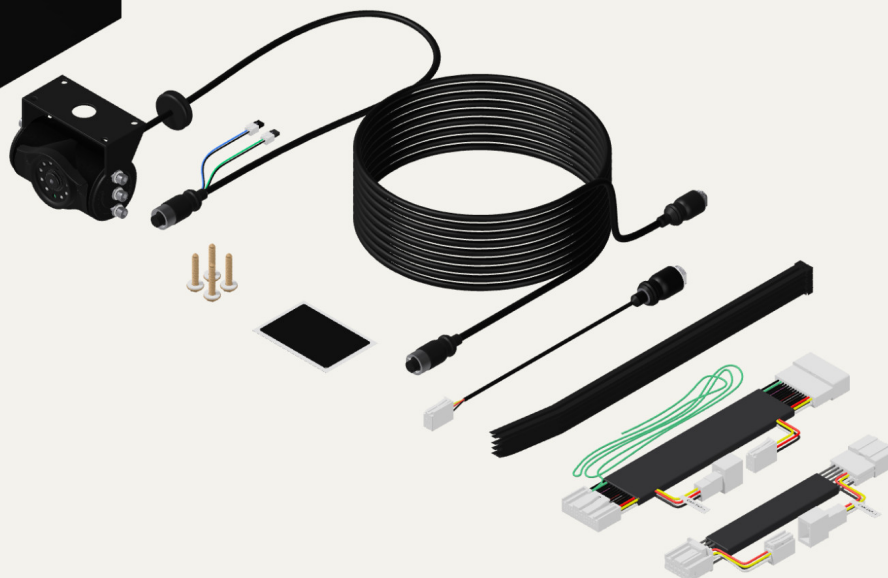


HEAVY DUTY

Built for Tough Conditions
IR Night Vision



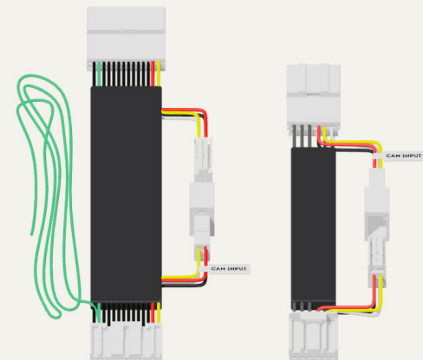
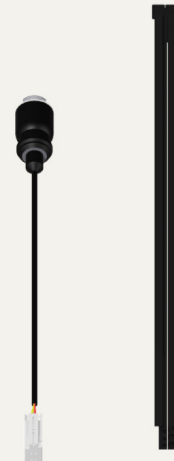
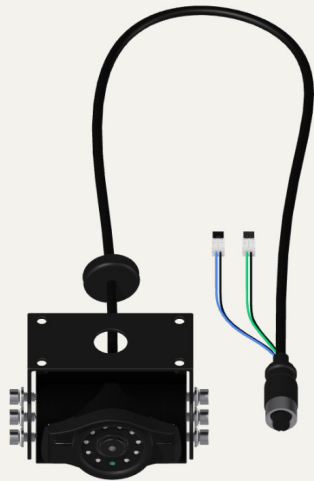
Built for 70 Series
Landcruiser (2024 - 2026)



KIT CONTENTS

10m Extension Cable

Camera Adapter
+ Cable Ties



Heavy Duty Camera
with IR & IR Cut

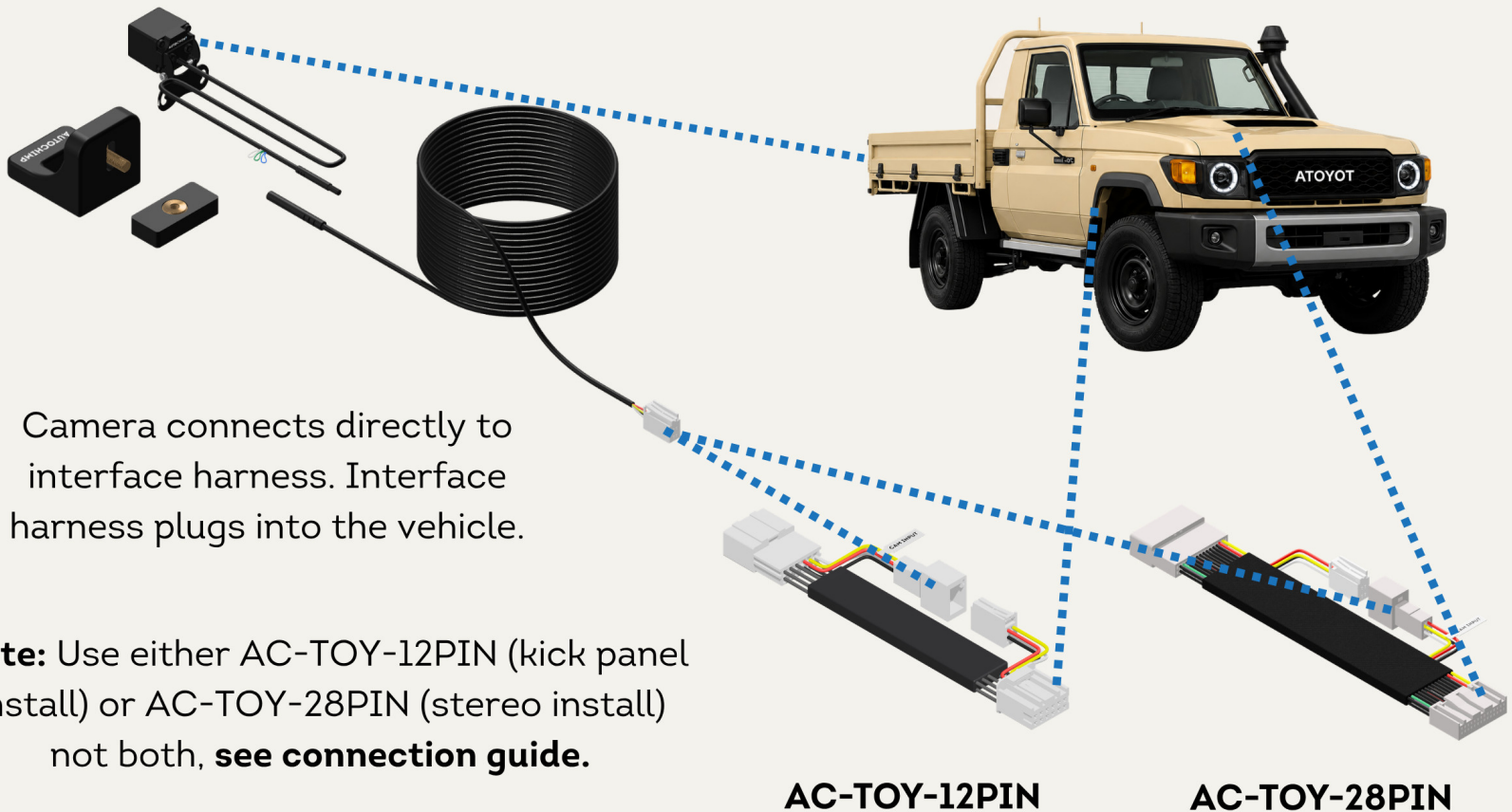
4x Self-Tapping
Bolts + Waterproof
Sealing Tape

Camera & Reverse Signal
Interface Harnesses
(2x included)

SKU: AC-TOY-RC8-RC9-HEAVY

HOW IT WORKS

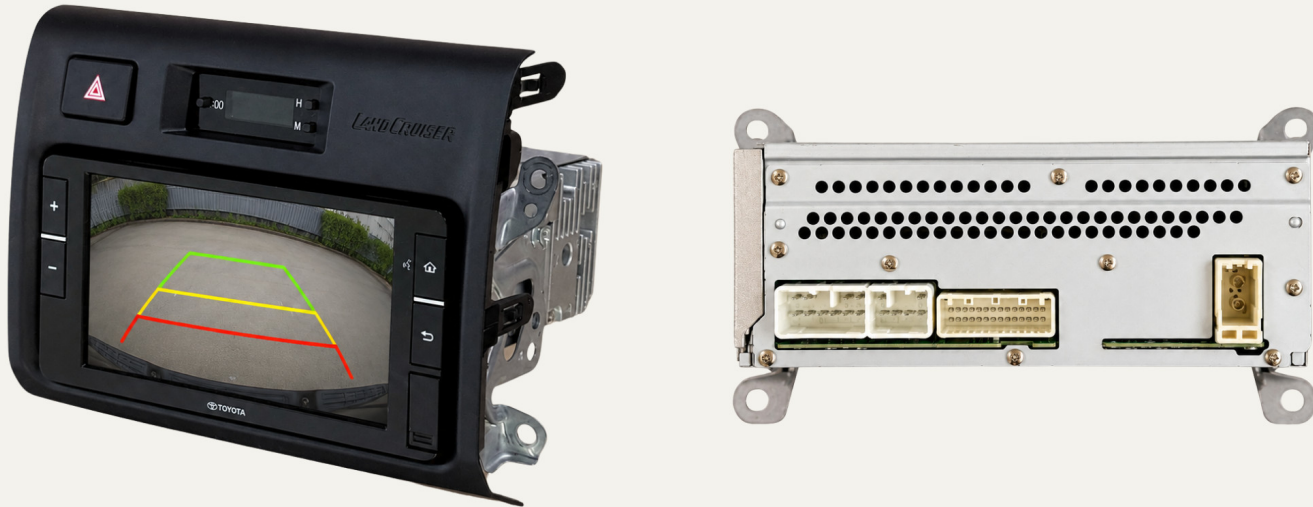
The AC-TOY-RC8-RC9-HEAVY camera kit includes the Heavy Duty series camera. The camera connects to the interface harness, and the harness plugs into the vehicle – behind the stereo or at the driver's kick panel depending on your model. Both AutoChimp™ Pro Series and Heavy Duty Series cameras are completely plug & play and fully reversible.



COMPATIBLE STEREOS

The AC-TOY-RC8-RC9-HEAVY Kit is built for the factory stereo models pictured.

It fits the facelift Toyota LandCruiser 70 Series – mid-2023 release onwards through 2026. Rear of the stereo pictured.



Supports both Auto & Manual Transmission Vehicles.
Suits vehicles with 12V electrical systems.

Camera feed is 6v, AutoChimp Heavy Duty series is designed for direct connection.

COMPATIBLE VEHICLES

The AC-TOY-RC8-RC9-HEAVY suits the Toyota LandCruiser 70 Series post-facelift body shapes & dash shown below.

70 SERIES 2024-2026 (POST FACELIFT)



Single Cab, Double Cab, Wagon and Troop Carrier, in Workmate, GX and GXL variants.

HEAVY DUTY CAMERA

Infrared Night Vision
with IR Cut for clear daytime
colour.



Heavy Duty 4 Pin Aviation
Connector

P/N: AC-HEAVY-CAM

CAMERA FEATURES

Configurable Setup:

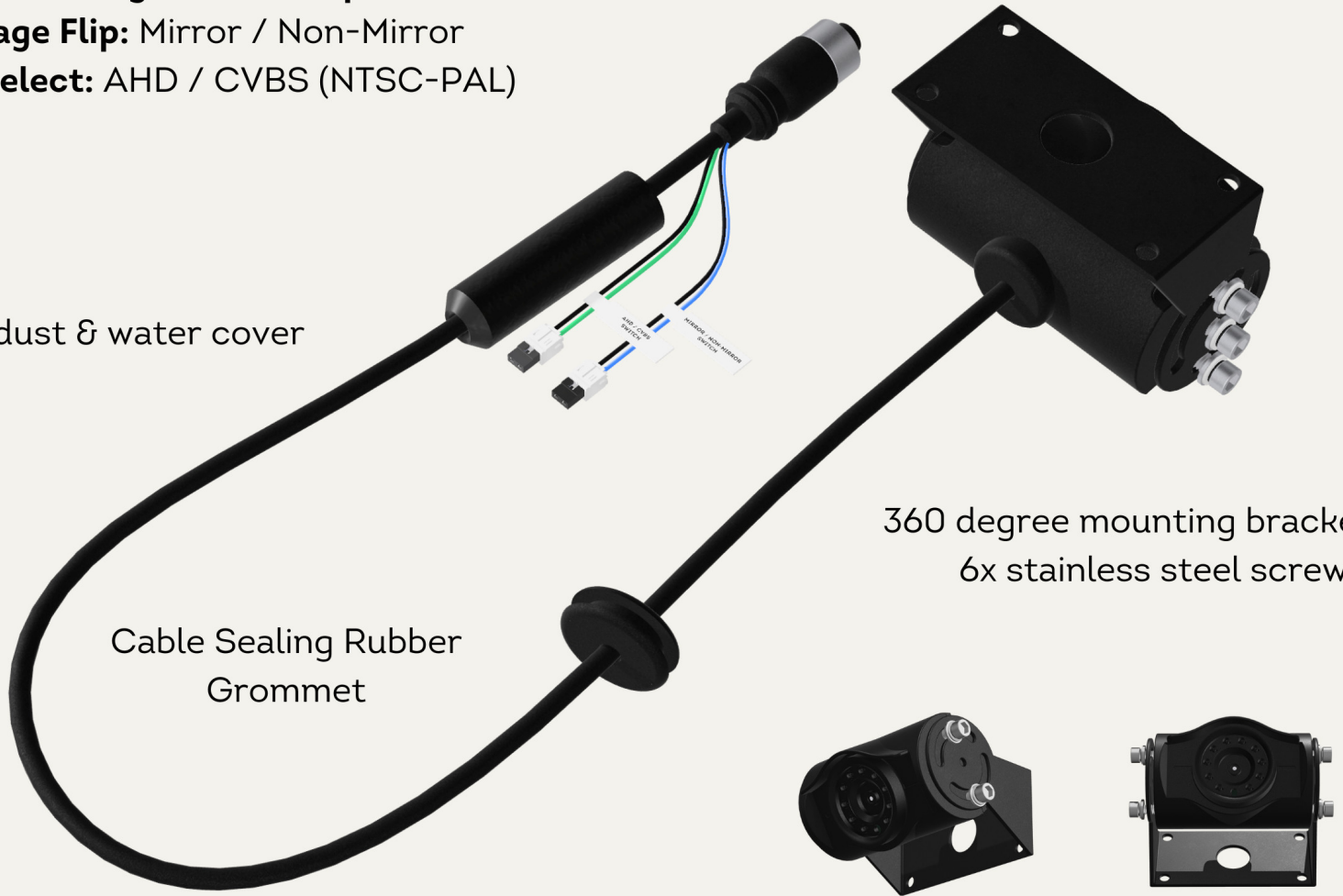
Image Flip: Mirror / Non-Mirror

Video Select: AHD / CVBS (NTSC-PAL)

Rubber dust & water cover

Cable Sealing Rubber
Grommet

360 degree mounting bracket with
6x stainless steel screws.



DISPLAY IMAGE QUALITY



AutoChimp™ Heavy Duty cameras support AHD and CVBS output. Final on-screen image quality depends on the display's supported video format and resolution.

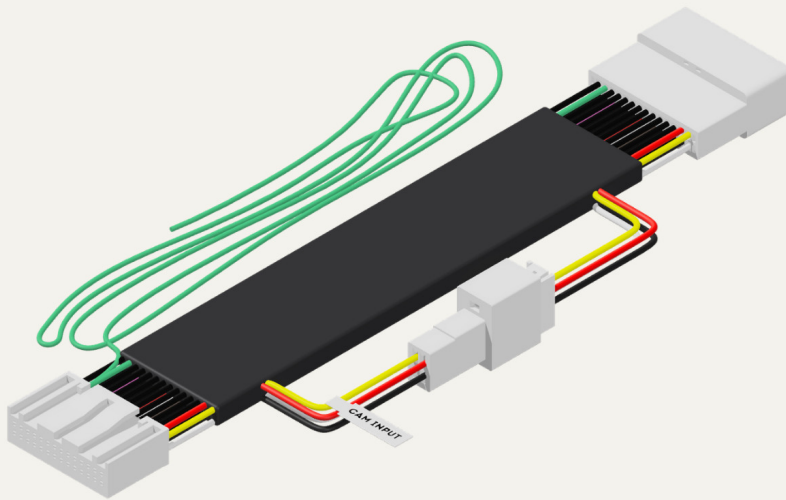
Camera are the very BEST you can display, very clear night vision & daytime.
Example on 70 Series & N80 Hilux

(note factory Toyota stereos are not HD their resolution is SD - NTSC)

DIMENSIONS

HARNESS: AC-TOY-28PIN

Adapter Harness



Cables Length: 170mm
Overall Length: 220mm

4 Pin Connector

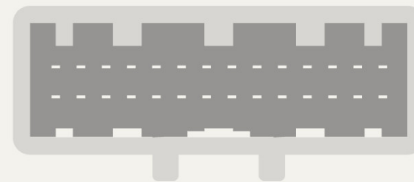


Width: 11mm
Height: 18mm

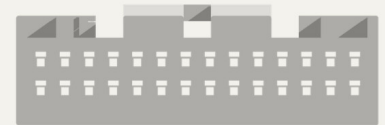


Width: 10mm
Height: 17mm

28 Pin Connector



Width: 36mm
Height: 13mm

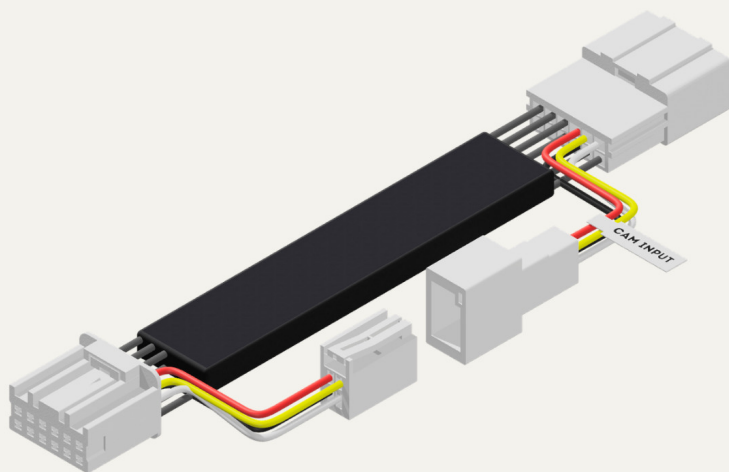


Width: 33mm
Height: 10mm

DIMENSIONS

HARNESS: AC-TOY-12PIN

Adapter Harness



Cables Length: 80mm
Overall Length: 135mm

4 Pin Connector



Width: 11mm
Height: 18mm

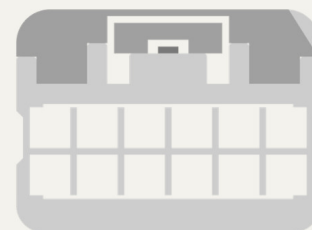


Width: 10mm
Height: 17mm

12 Pin Connector



Width: 25mm
Height: 16mm



Width: 22mm
Height: 15mm

CAMERA DIMENSIONS



Cable Length:
500mm

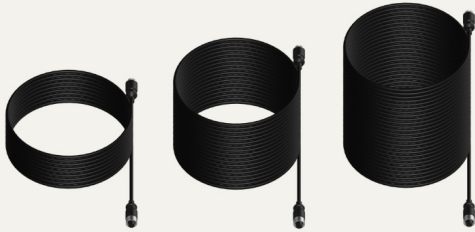
Height:
60mm Overall
45mm Camera



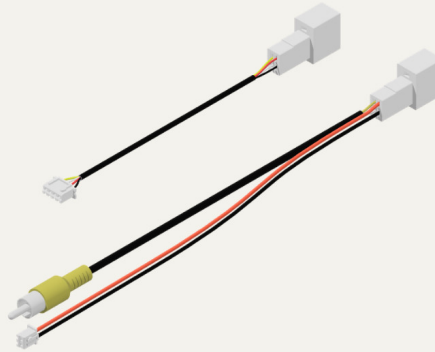
Width: 75mm
Depth: 65mm

OPTIONAL ACCESSORIES

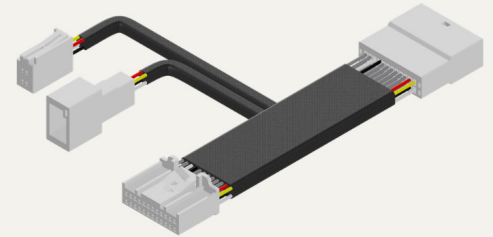
The Heavy Duty series camera has various accessories available to help with your installation.



5/10/15M Extension
Cables



Power Connectors



Vehicle Specific Adapters



OEM Style Cloth Tape



Cable Ties + Split
Tubing + Sealing Tape



Installation Tool Kit

CONTENTS

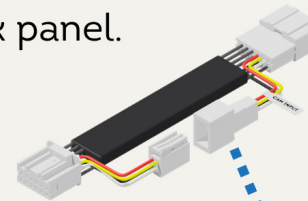


SKU: AC-TOY-RC8-RC9-HEAVY

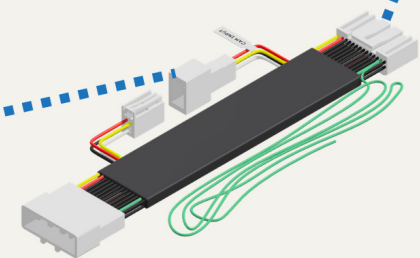
QUICK START GUIDE

1. Mount the camera.
2. Route the camera cable.
3. Camera connects directly to interface harness either 12 pin OR 28 pin, not both.
4. **See Connection Guide.**
5. Configure image flip & camera signal via jumpers.
See Camera Setup

AC-TOY-12PIN connects in drivers kick panel.



AC-TOY-28PIN connects to rear of stereo. Loose green wire not used.



Pin

- Pin 1
- Pin 2
- Pin 3
- Pin 4
- Cable

Function

6V - Power
Ground / Earth
Video - / Shield
Video + Signal
Reverse 12v Input

Wire

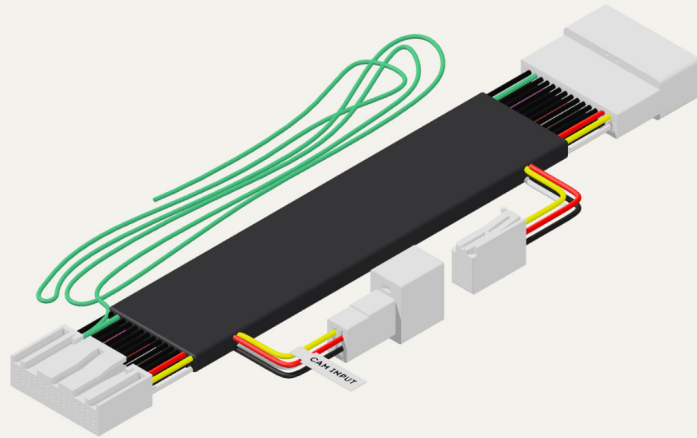
Red
Black
White
Yellow
Green

CAR SPECIFIC WIRING KIT

Purpose-built for all Toyota LandCruiser 70 Series, mid-2023 through 2026.

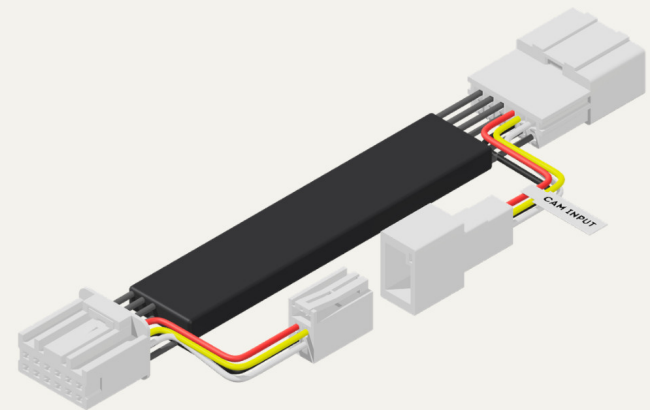
Two interface harnesses are included – you will use one, not both.

If the wires are not in the driver's kick panel, use the 28-pin at the stereo.



SKU: AC-TOY-28PIN

Installs at the rear of the stereo. Works on every 70 Series.



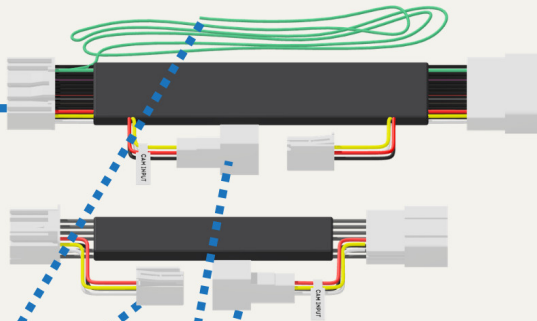
SKU: AC-TOY-12PIN

Installs at the driver's kick panel. Use this if the wires are in the kick panel. Not fitted to all models.

See the Connection Guide for each harness.

INSTALL GUIDE

AutoChimp™ Heavy Duty Camera connects directly to AutoChimp™ Camera Adapter Harness either the AC-TOY-12PIN or the AC-TOY-28PIN

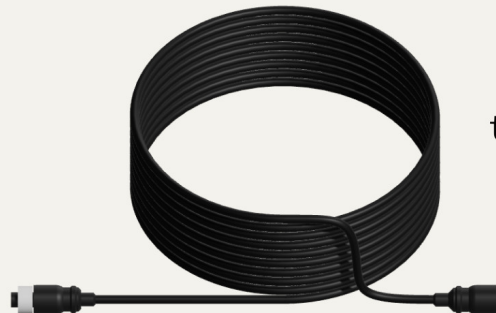


AC-TOY-28PIN ~ Install behind stereo.

AC-TOY-12PIN ~ Install at drivers kick panel.

Note: Use one harness only, not both. Some model vehicles do not have wires in the kick panel therefore use the stereo connector.

Green wire & passthrough.
Not used.



Extension cable.
10m

Adapter Cable
0.3m

Power Cable
0.5m

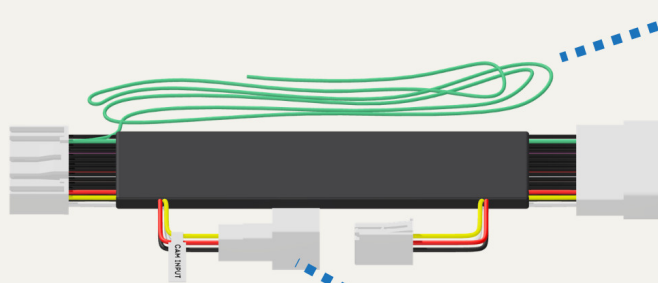


HARNESS INSTALL LOCATIONS

Each harness has one install location. The AC-TOY-28PIN installs behind the stereo. The reverse trigger passes through the factory harness; its loose green wire is not used on this vehicle and must be insulated. The AC-TOY-12PIN is an alternative camera connection at the driver's kick panel when factory camera wiring is present.

Use one harness only.

Green wire not used, remove or insulate.



AC-TOY-28PIN ~ Install behind stereo.



AC-TOY-12PIN ~ Install drivers kick panel.

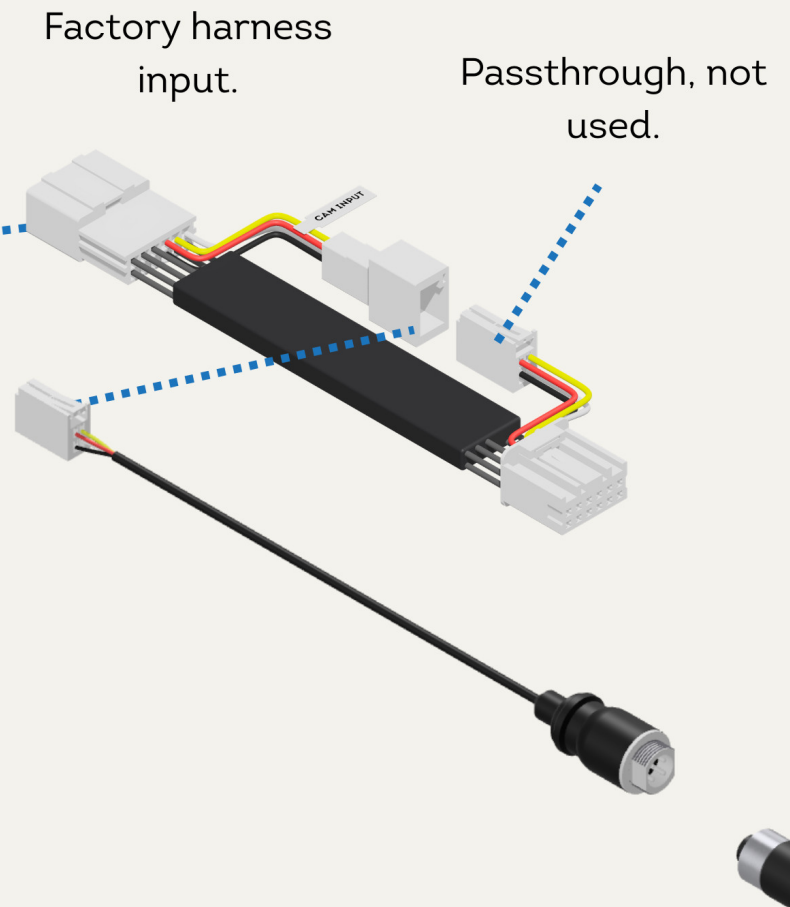
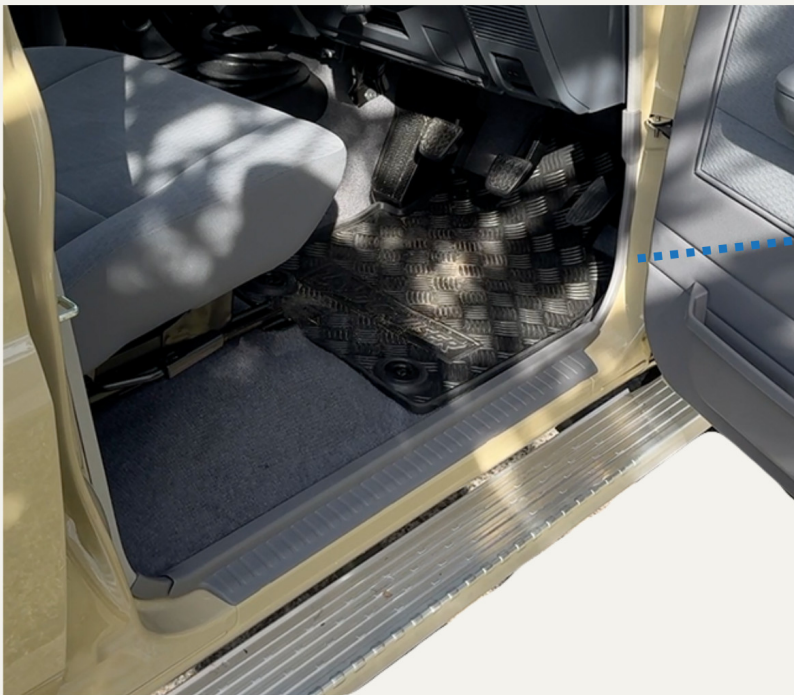
Note: Use one harness only, not both. Some model vehicles do not have wires in the kick panel therefore use the stereo connector.

CONNECTION GUIDE

HARNESS: AC-TOY-12PIN

LOCATION: Drivers side kick panel.

Choose this option for models with factory camera wiring already run to the driver's kick panel. Remove the kick panel cover. Insert the AC-TOY-12PIN interface harness inline. Plug the camera into the labelled CAM INPUT 4-pin connector.

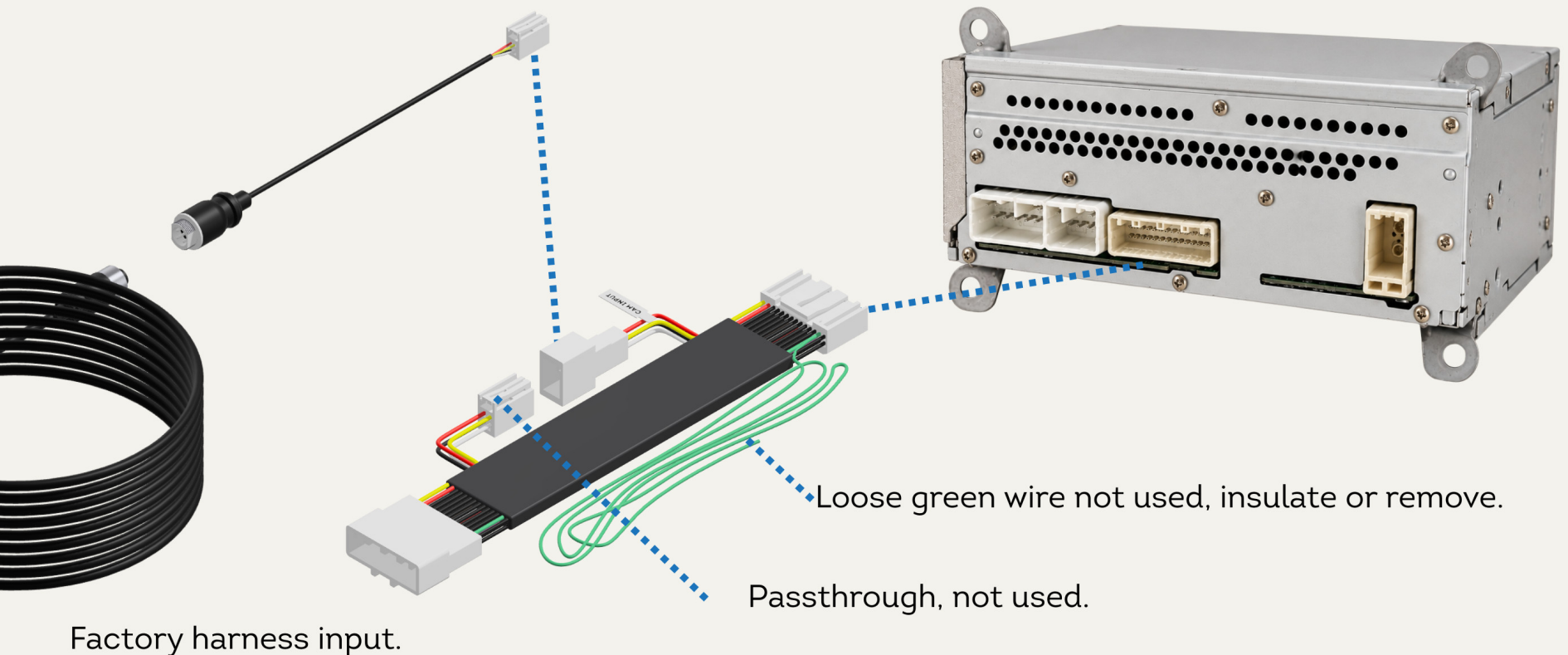


CONNECTION GUIDE

HARNESS: AC-TOY-28PIN

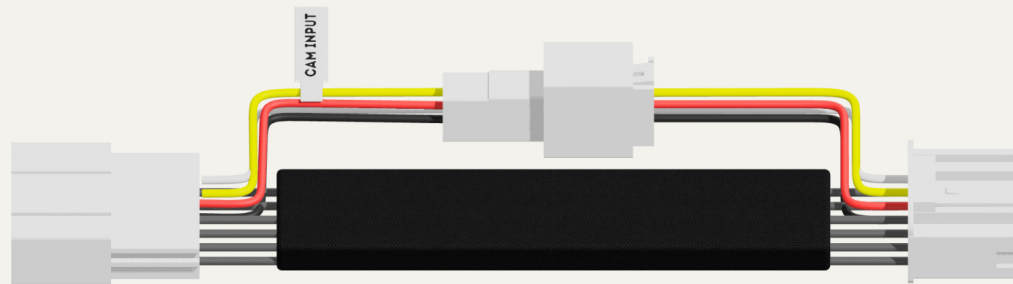
LOCATION: Rear of stereo.

The AC-TOY-28PIN connects directly to the rear of the stereo. Plug the camera into the labelled CAM INPUT 4-pin connector on interface harness. The loose green wire and male 4 pin pass through connector are not used on this installation, insulate them.

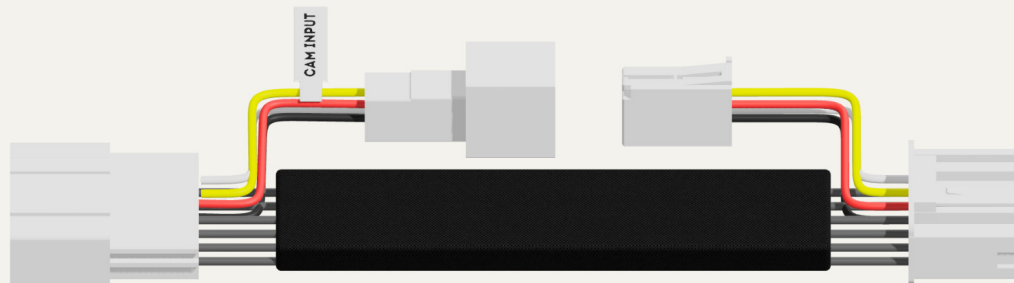


FULL PASS-THROUGH

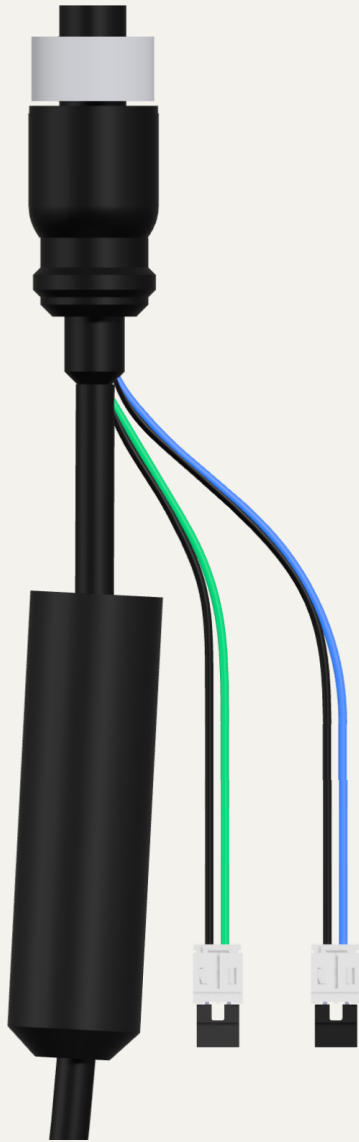
Both interface harnesses are full pass-through. Every factory wire carries straight through the loom, so no OEM cable is cut, spliced or left disconnected. The only break-out is the 4-pin camera input – everything else stays exactly as Toyota wired it. Unplug the harness and the vehicle is back to standard.



Closed – 4-pin plugs joined together, factory pass-through fully restored.



Open – 4-pin plugs separated, camera connects to the labelled CAM INPUT.



CAMERA SETUP

HEAVY DUTY CAMERAS



Two black jumpers on the camera lead set how the camera behaves. **Pull a jumper off to switch that option; push it back on to switch back.** Set both before you run the cable.



Blue — Mirror / Non-Mirror

Jumper on = mirror (rear), off = non-mirror (front). Flips the image left to right so it reads correctly for the way the camera faces.



Green — AHD / CVBS (NTSC-PAL)

Jumper on = AHD, off = CVBS. The camera has a built-in converter and ships set to AHD.

Scan the QR on your info card

SMS +61 411 101 737

WIRING DIAGRAM

HARNESS: AC-TOY-28PIN

Wire Colour



CAM Power - 6V Output



CAM V+ - Input



CAM V- - Input



CAM Ground - 0V



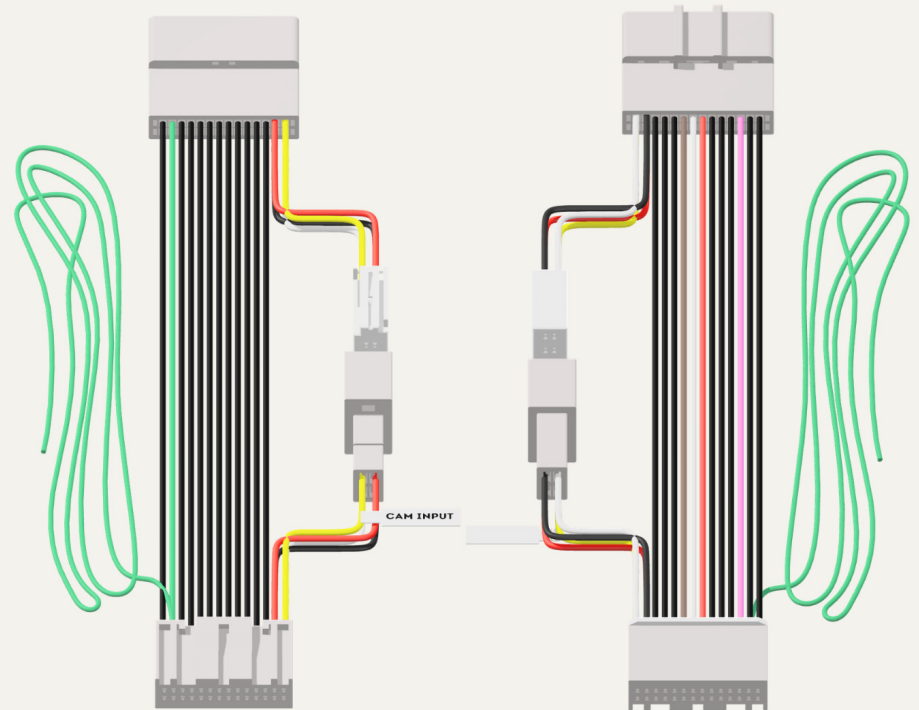
Reverse Trigger 12v Input

Connectors



Top

Bottom



WIRING DIAGRAM

HARNESS: AC-TOY-12PIN

Wire Colour

Function

Top

Bottom



CAM Power - 6V Output



CAM V+ - Input

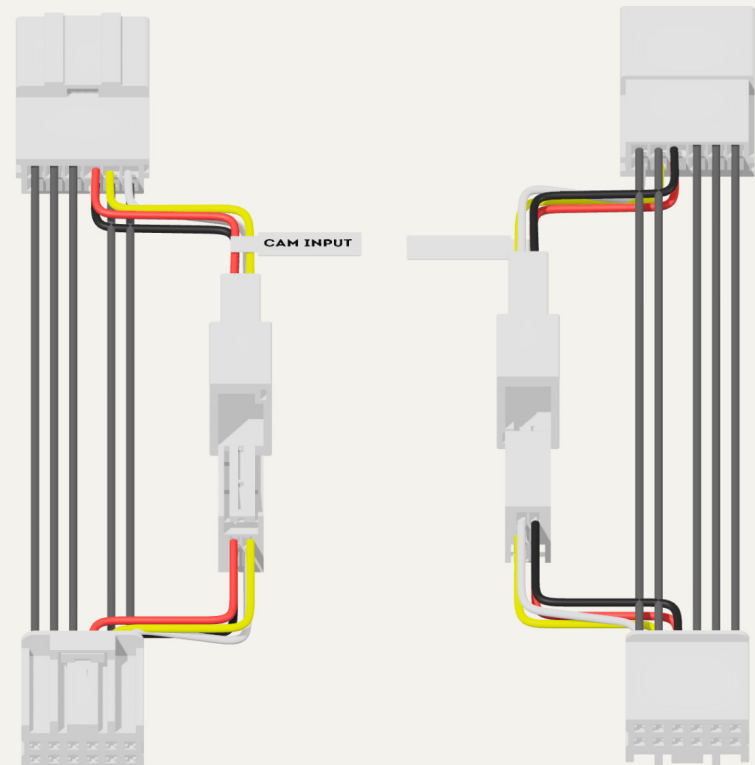
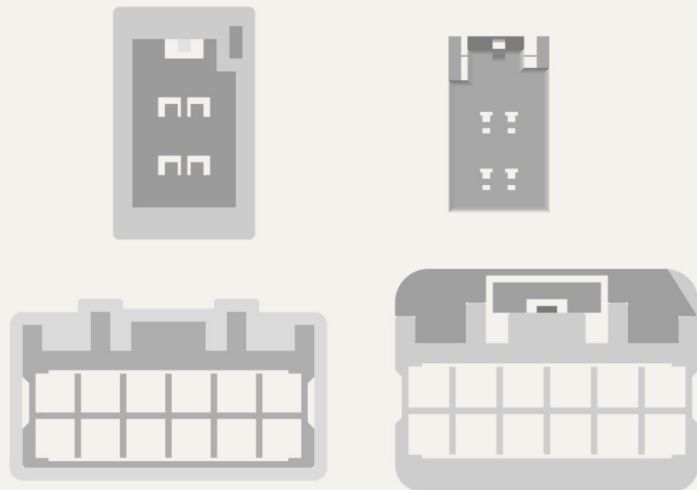


CAM V- - Input



CAM Ground - 0v

Connectors



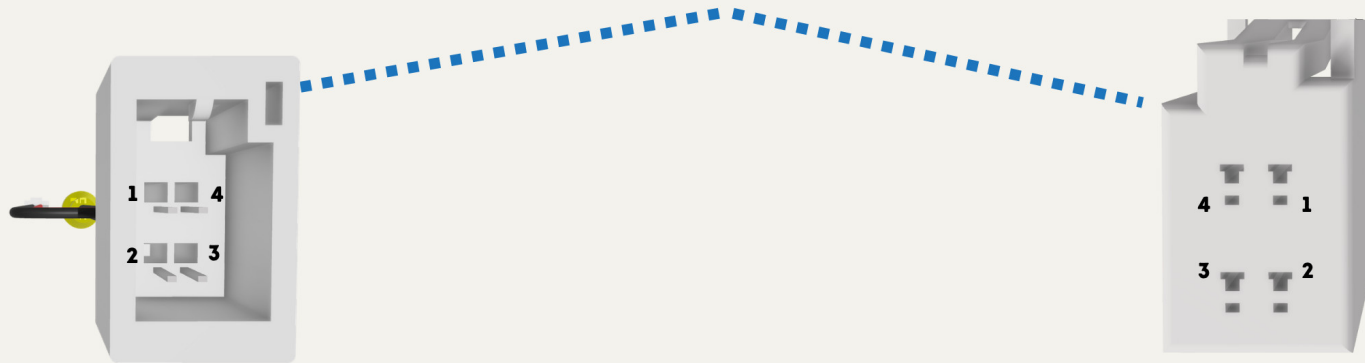
TOYOTA-STYLE 4-PIN INTERFACE PIN-OUT

Female Side (Towards Display)

Male Side (From Camera)

Important:

View connector face with orientation tab at top.



<u>Pin</u>	<u>Function</u>	<u>Wire</u>
• Pin 1	6V - Power	Red
• Pin 2	Ground / Earth	Black
• Pin 3	Video - / Shield	White
• Pin 4	Video + Signal	Yellow

PLACEMENT GUIDE TRAILERS

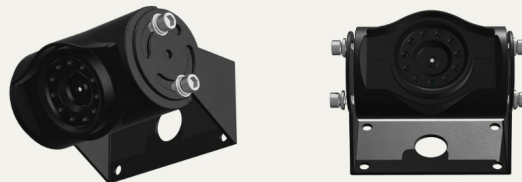
Trailers, Campers & Caravans



Mount camera on trailer or vehicle at desired location, run trailer extension cable to hitch point.



Run extension cable from hitch point to stereo, screen or Quadcam system.



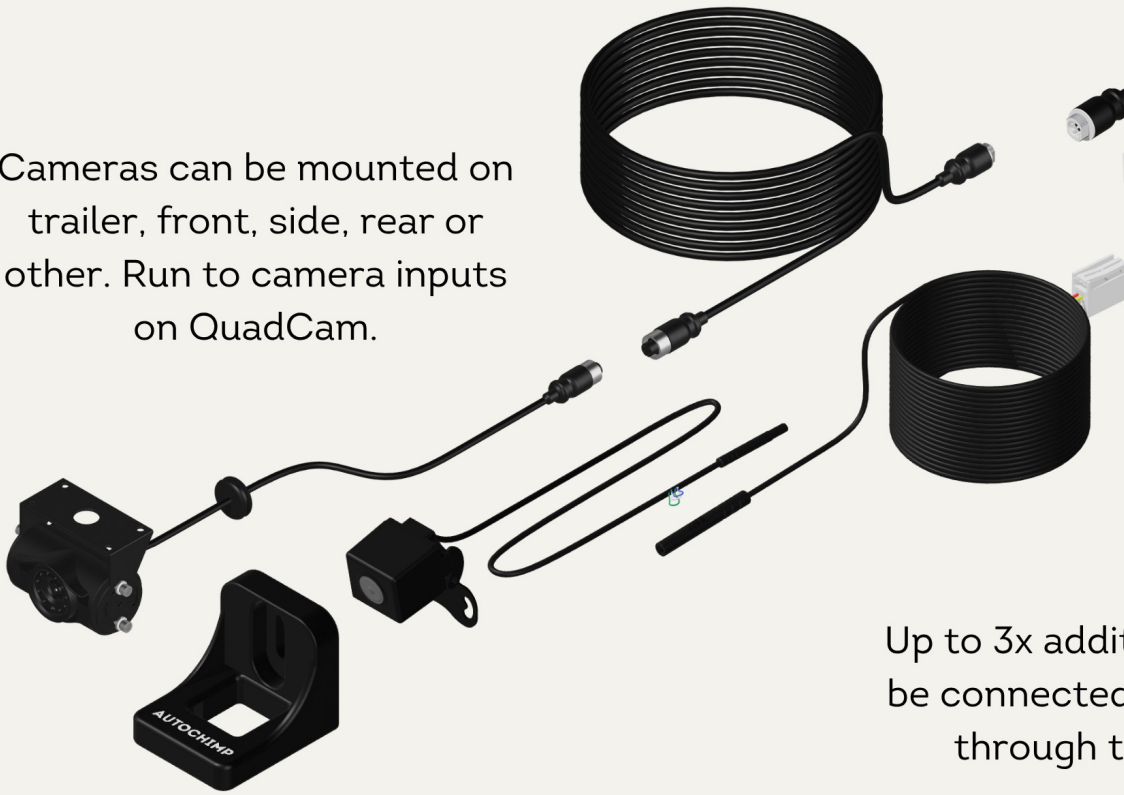
Camera bracket can be mounted in any direction.

FITMENT GUIDE

AutoChimp™ Multi-Camera System

AutoChimp Pro Series & Heavy Duty cameras direct connect and power from the QuadCam interface. Completely plug & play

Cameras can be mounted on trailer, front, side, rear or other. Run to camera inputs on QuadCam.



Universal 12v Power connections also available for using other brand cameras.

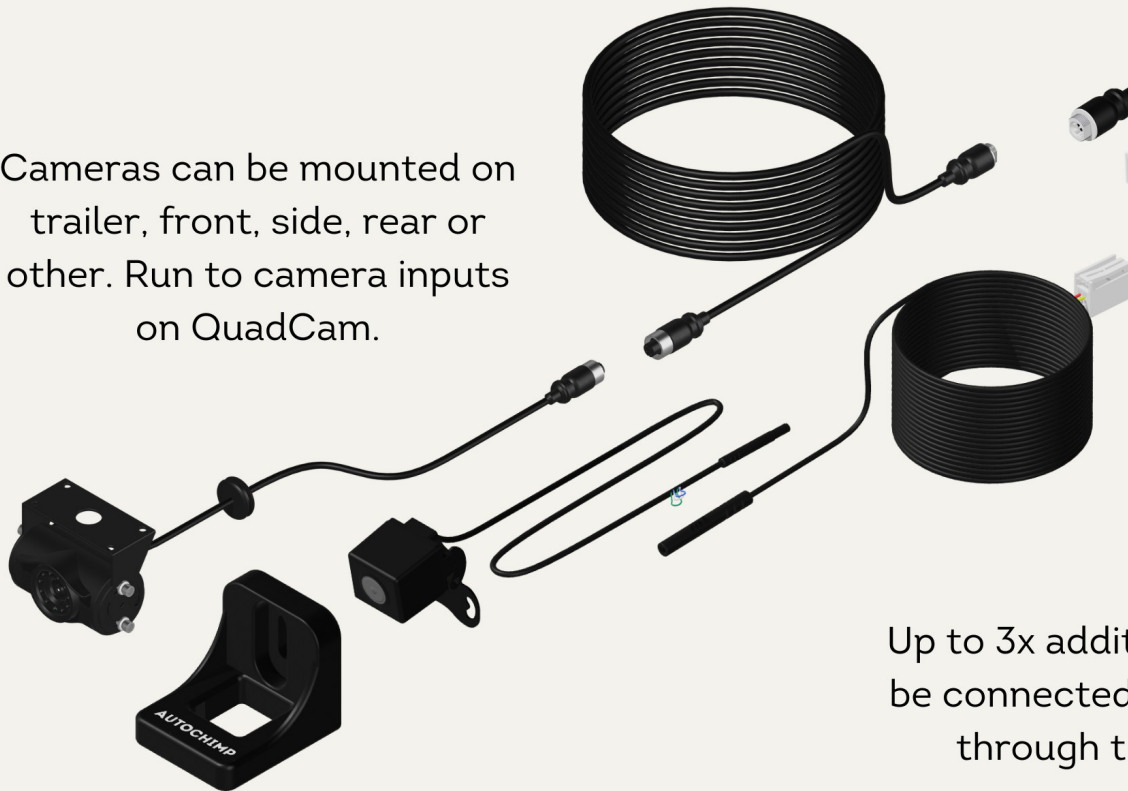
Up to 3x additional cameras can be connected to factory screen through the RCA inputs.

FITMENT GUIDE

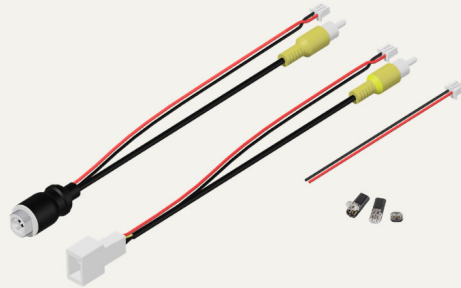
Aftermarket Screens

AutoChimp Pro Series & Heavy Duty cameras direct connect and power from the QuadCam interface. Completely plug & play

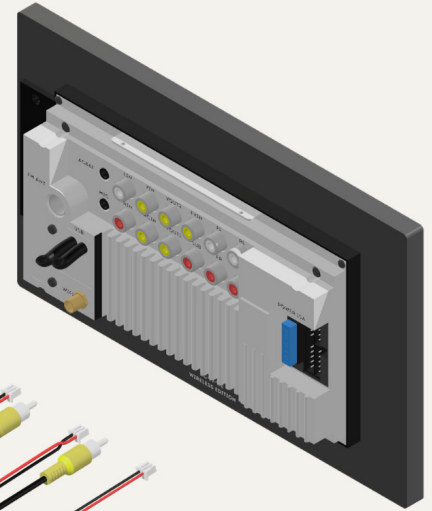
Cameras can be mounted on trailer, front, side, rear or other. Run to camera inputs on QuadCam.



Universal 12v Power connections also available for using other brand cameras.



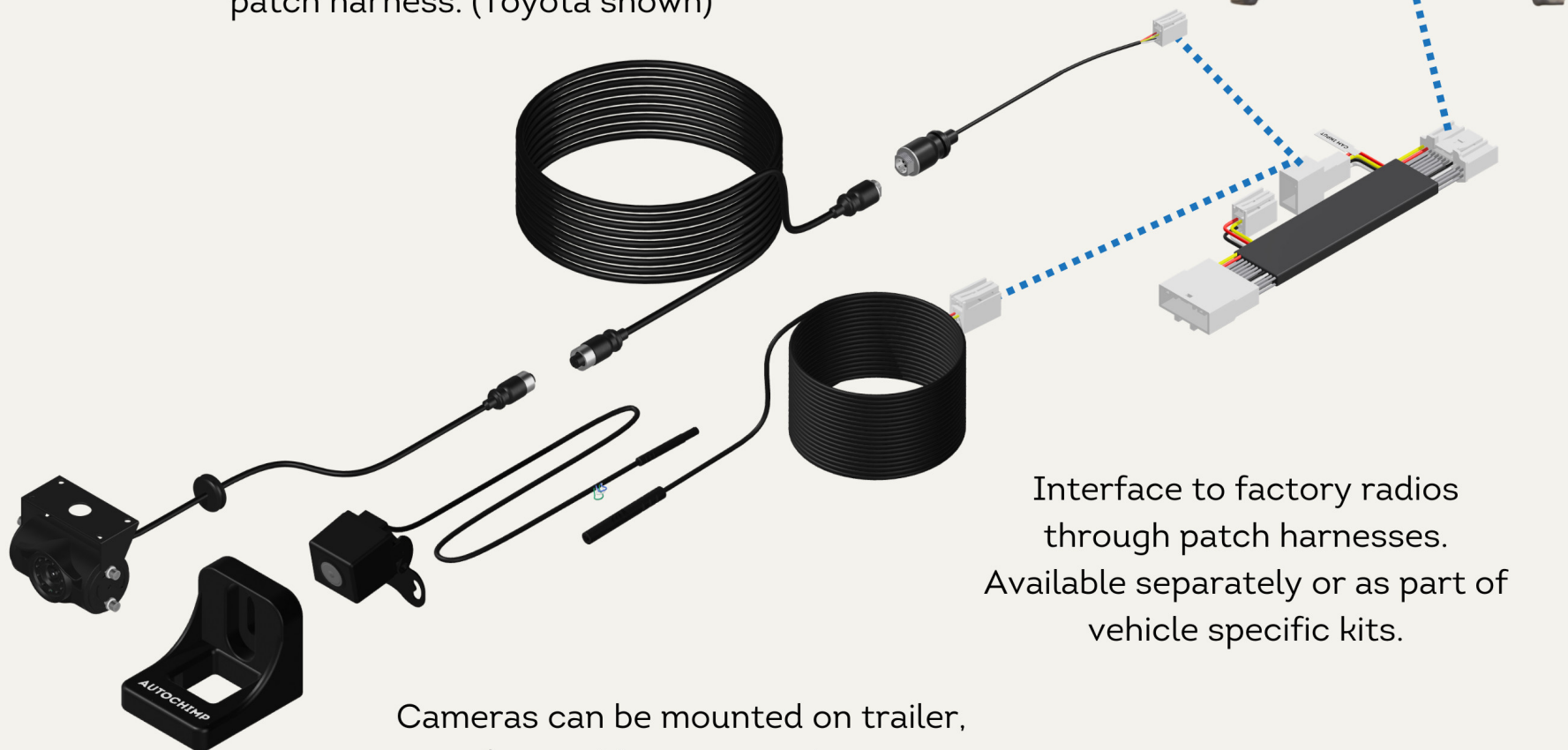
Up to 3x additional cameras can be connected to factory screen through the RCA inputs.



FITMENT GUIDE

OEM Screens & Stereos

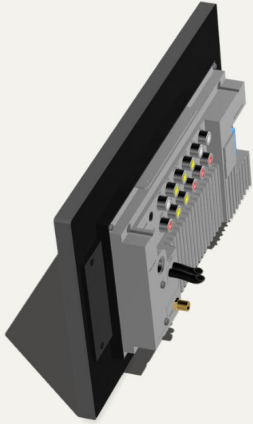
AutoChimp Pro Series & Heavy Duty cameras direct connect and power from the vehicle specific patch harness. (Toyota shown)



Cameras can be mounted on trailer, front, side, rear or other.

Interface to factory radios through patch harnesses. Available separately or as part of vehicle specific kits.

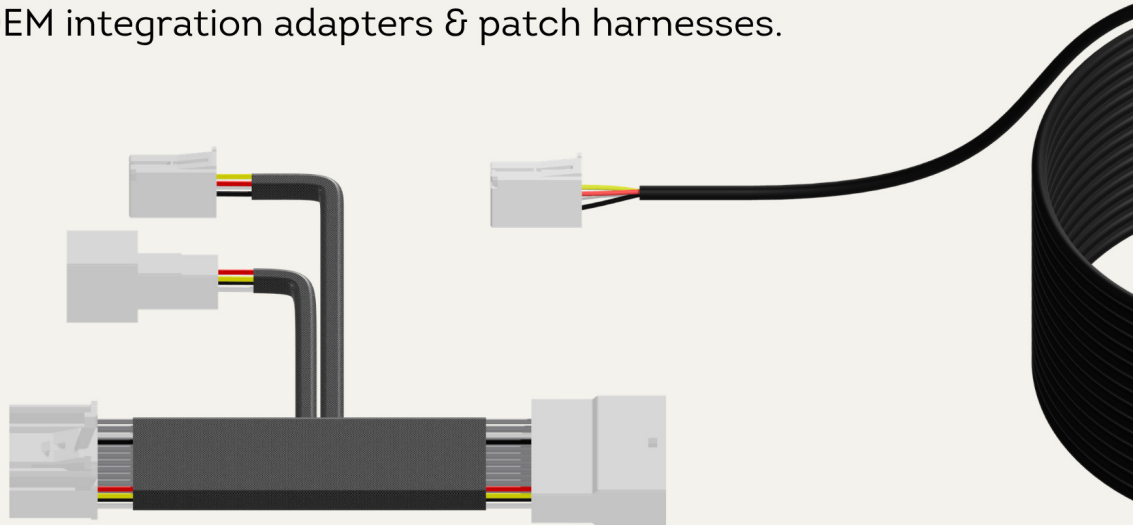
CAMERA INTERFACING



The AutoChimp™ Adapters can be used for direct connection to AutoChimp™ Dual + Quad Camera systems and are a universal connection to stereos & screens with composite video input.



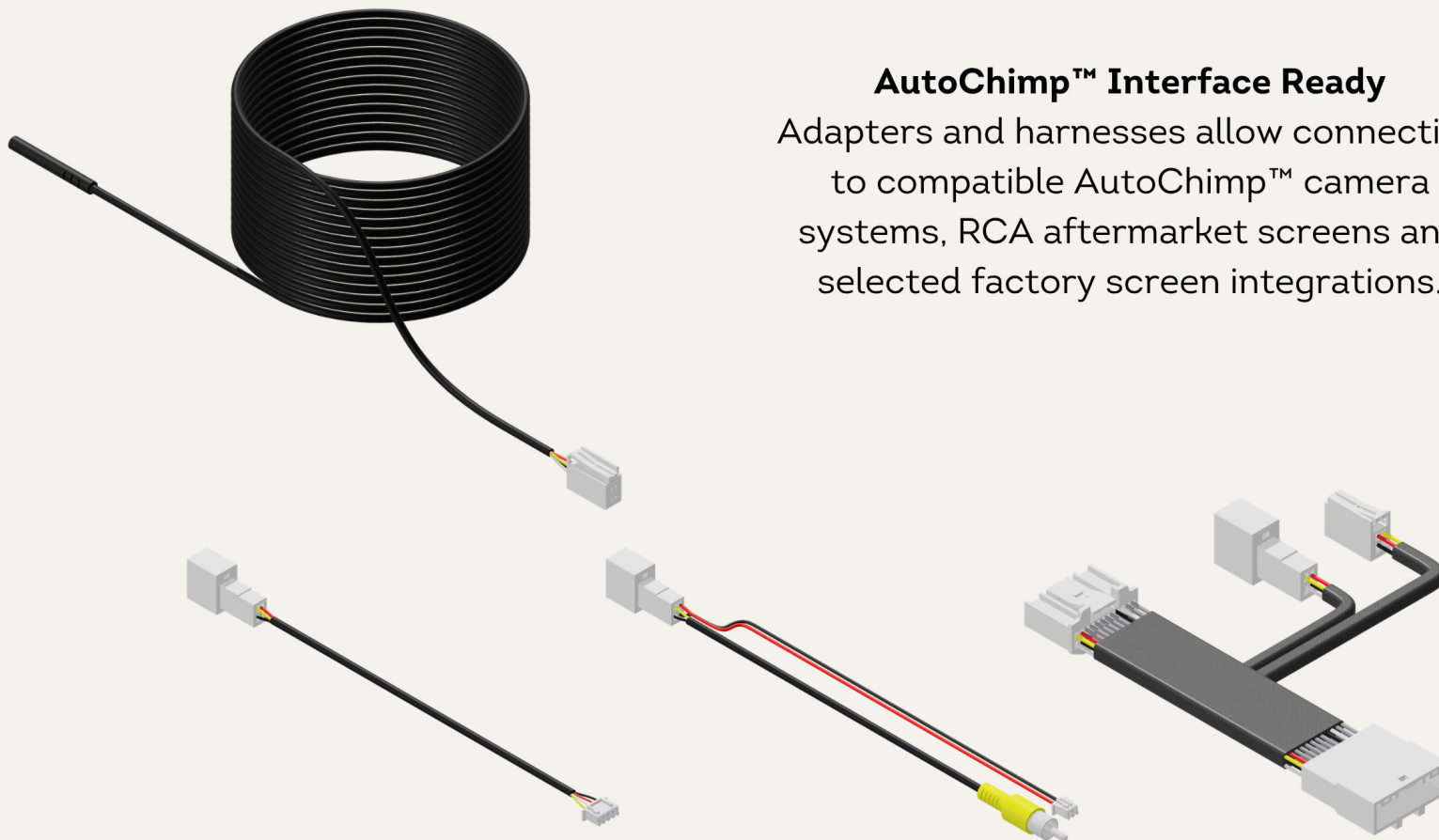
AutoChimp™ cameras can also be connected directly to factory Toyota screens or through our OEM integration adapters & patch harnesses.



CAMERA CONNECTION

AutoChimp™ Interface Ready

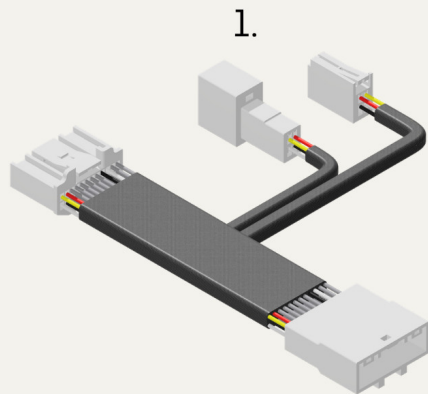
Adapters and harnesses allow connection to compatible AutoChimp™ camera systems, RCA aftermarket screens and selected factory screen integrations.



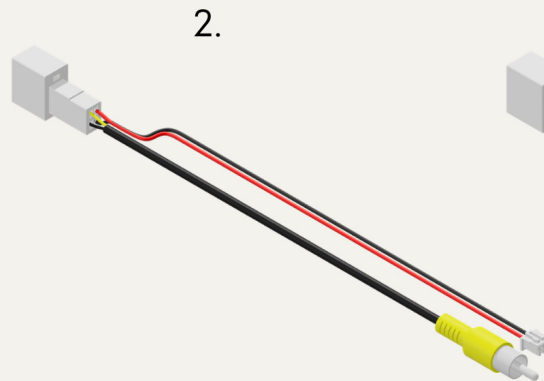
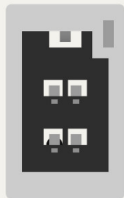
(Adapters sold separately or included in kits as specified)

OTHER CONNECTION TYPES

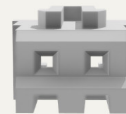
1. **AutoChimp™ OEM Adapters** - 4 Pin Direct Connection (Toyota Style)
2. **AutoChimp™ RCA Adapter** - RCA Video + 2-Pin JST Power
3. **AutoChimp™ PCB Adapter** - 4-Pin JST Video + Power



4 Pin Direct Connect



RCA Output + 2 Pin JST



4 Pin JST



(Adapters sold separately or included in kits as specified)

INSTRUCTIONS

HEAVY DUTY REVERSE CAMERA KIT FOR TOYOTA LANDCRUISER 70 SERIES

SKU AC-TOY-RC8-RC9-HEAVY · 2024–2026

Scan for the install walkthrough on our website: the full video guide, wiring diagram and fitment guide for this kit.

INSTALL VIDEO

WIRING DIAGRAM

FITMENT GUIDE



GUIDE + VIDEO

Or type autochimp.com.au/guide/ac-toy-rc8-rc9-heavy

Stuck? SMS +61 411 101 737, Mon–Fri 10am–4pm AEST

3-year warranty · see the warranty card in this box



LOGIN & RETURNS

Scan the code with your phone camera to open your AutoChimp account. No password needed — we email you a six-digit code.

- Track your order and download tax invoices
- Start a return, exchange or warranty claim
- Lodge a Shipping Protection claim
- Find every install guide for what you bought

accounts.autochimp.com.au · support@autochimp.com.au



YOUR ACCOUNT