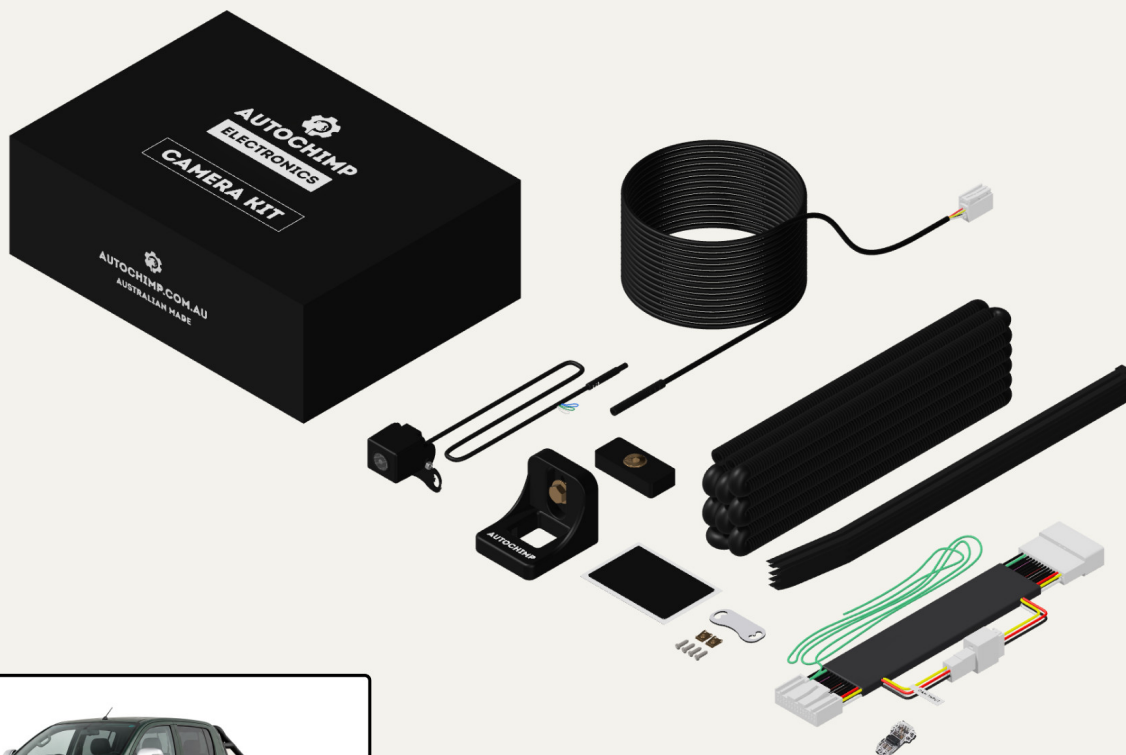


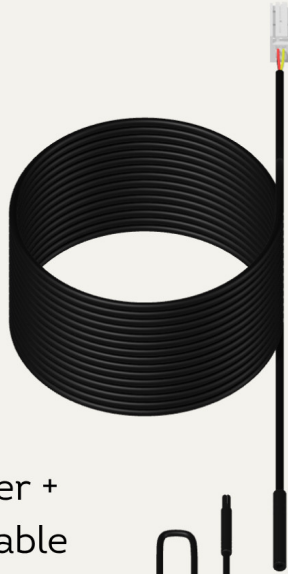


REAR Camera Kit
for Toyota Hilux 2006 - 2013

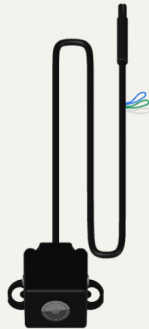


KIT CONTENTS

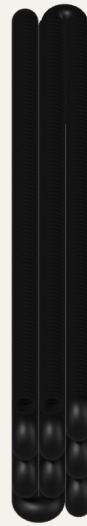
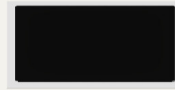
7m Power +
Video Cable



Pro HD Camera + Pro
Mounting Bracket

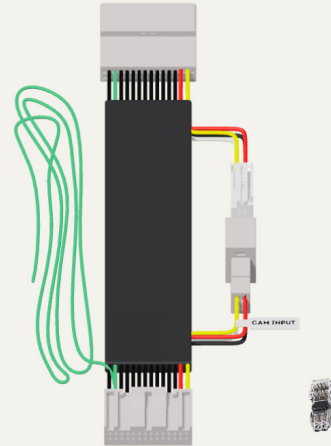


Waterproof
Sealing Tape



Split Tube + Cable Ties

28 Pin Camera Adapter +
Reverse Signal Trigger



Screws, Clips &
Mounting Tape



SKU: AC-TOY-RC2

TOYOTA

AUTOCHIMP





AUTOCHIMP

Tasmania - Explore the possibilities

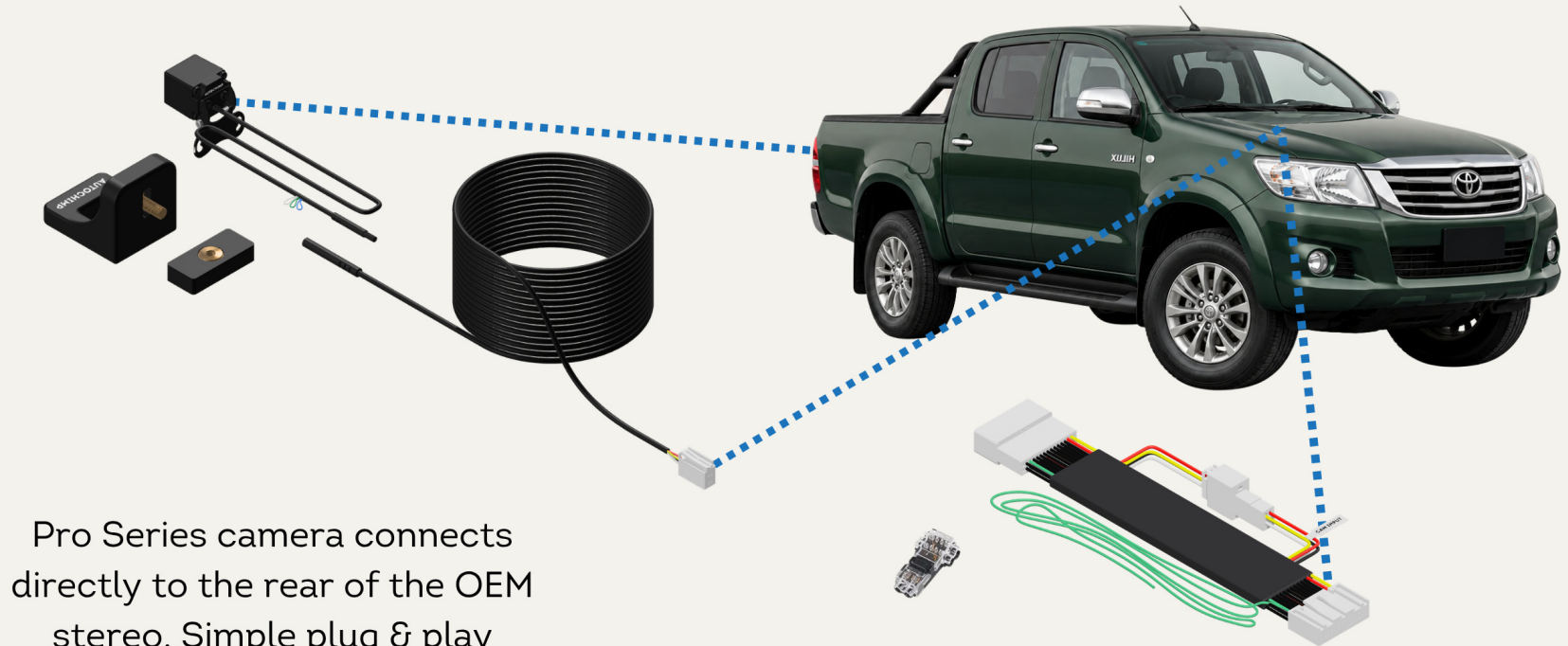


TO

AUTOCHIMP

HOW IT WORKS

The AC-TOY-RC2 camera kit includes the Pro series camera & connects directly to the rear of the OEM screen. Simply mount the camera at the rear and run the cable to stereo and plug directly in. Both AutoChimp™ Pro Series or Heavy Duty Series camera – completely plug & play and fully reversible.



Pro Series camera connects directly to the rear of the OEM stereo. Simple plug & play installation.

Note: AC-TOY-28PIN Green wire routes to fuse box, see connection guide.
(optional connection for reverse feed)

COMPATIBLE VEHICLES

The AC-TOY-RC2 Kit is built for the TOUCHSCREEN model stereo pictured. The Pro series camera plugs into the factory 4-pin camera port at the rear of the stereo and powers from the factory screen. It fits the Toyota Hilux 2006 - 2013 models with pictured style.



Supports both Auto & Manual Transmission Vehicles.
Supports all variants such as Workmate, SR, SR5...etc
Suits vehicles with either 12V electrical systems.

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

PRO SERIES CAMERA

Universal 6V-12V camera for front, rear and custom vehicle installations.

Suitable for compatible Toyota factory screen systems, AutoChimp™ camera interfaces and RCA camera setups.



Modular adjustable mounting brackets allow grille, bumper, tray, canopy or custom mounting.

CAMERA FEATURES

Configurable Camera Display

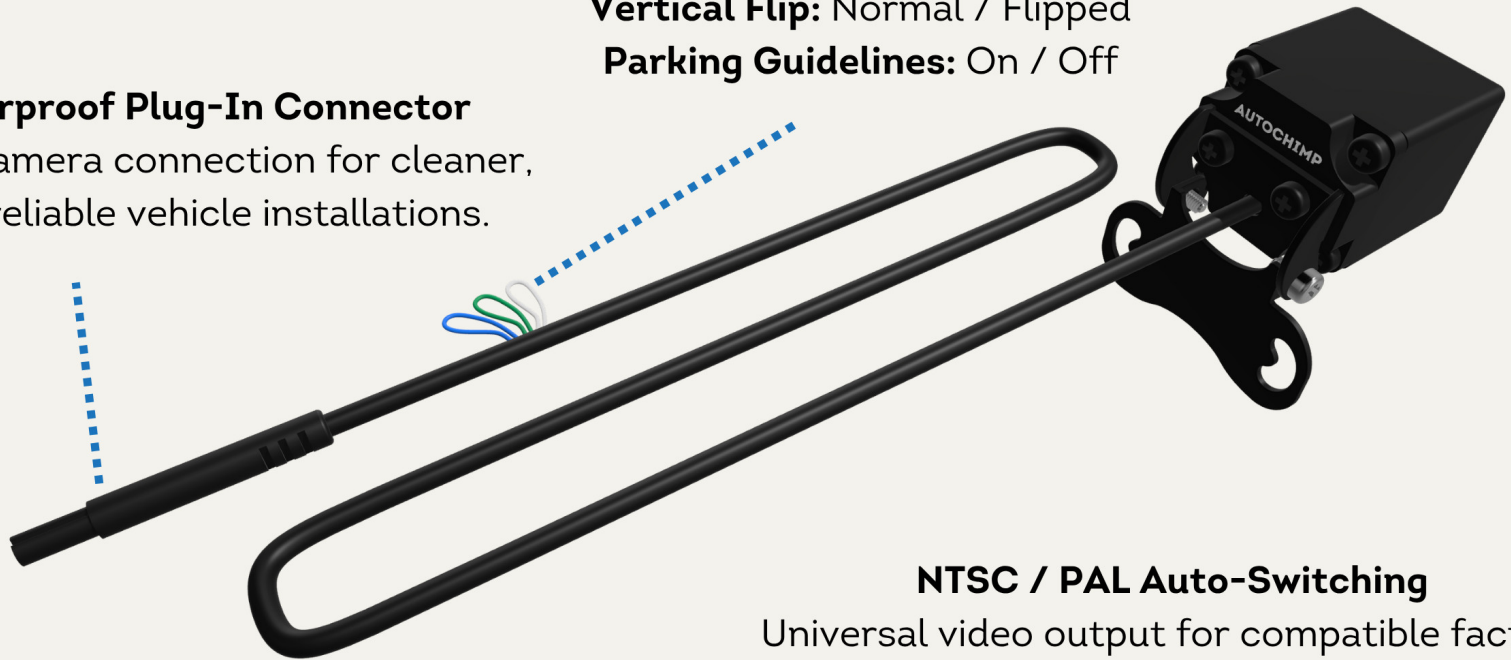
Horizontal Flip: Mirror / Non-Mirror

Vertical Flip: Normal / Flipped

Parking Guidelines: On / Off

Waterproof Plug-In Connector

Sealed camera connection for cleaner, more reliable vehicle installations.



NTSC / PAL Auto-Switching

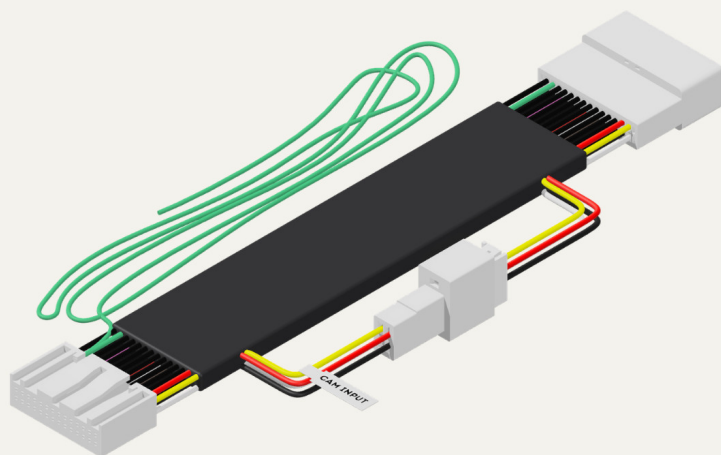
Universal video output for compatible factory screens and RCA display systems.

6V-12V Compatible

Ready for compatible Toyota factory screen systems, AutoChimp interfaces and RCA camera setups.

DIMENSIONS

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

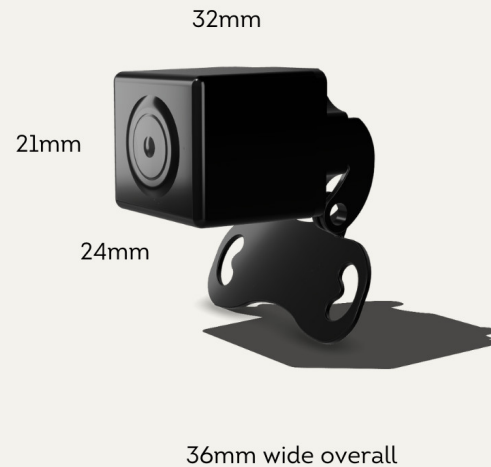


Width: 33mm
Height: 10mm

CAMERA DIMENSIONS



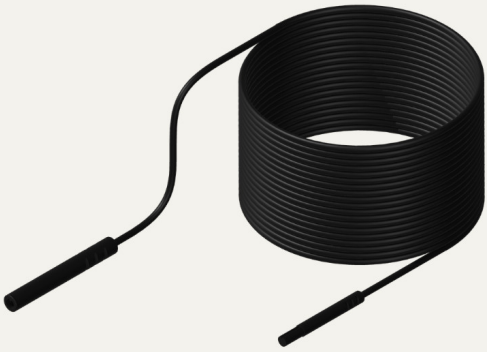
Mounting Bracket
Bracket Camera Assembly



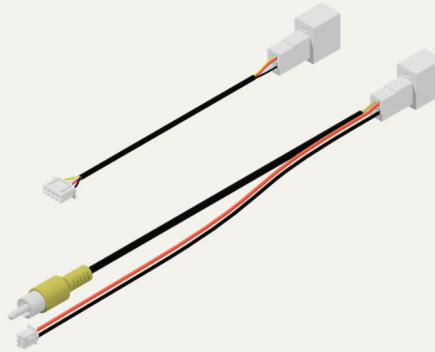
Camera Body

OPTIONAL ACCESSORIES

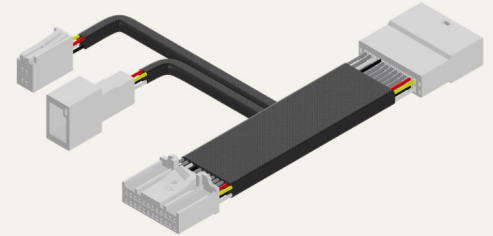
The Pro series camera has various accessories available to help with your installation.



8m Extension Cable



Power Connectors



Vehicle Specific Adapters



Rear + Tray Mounting
Brackets

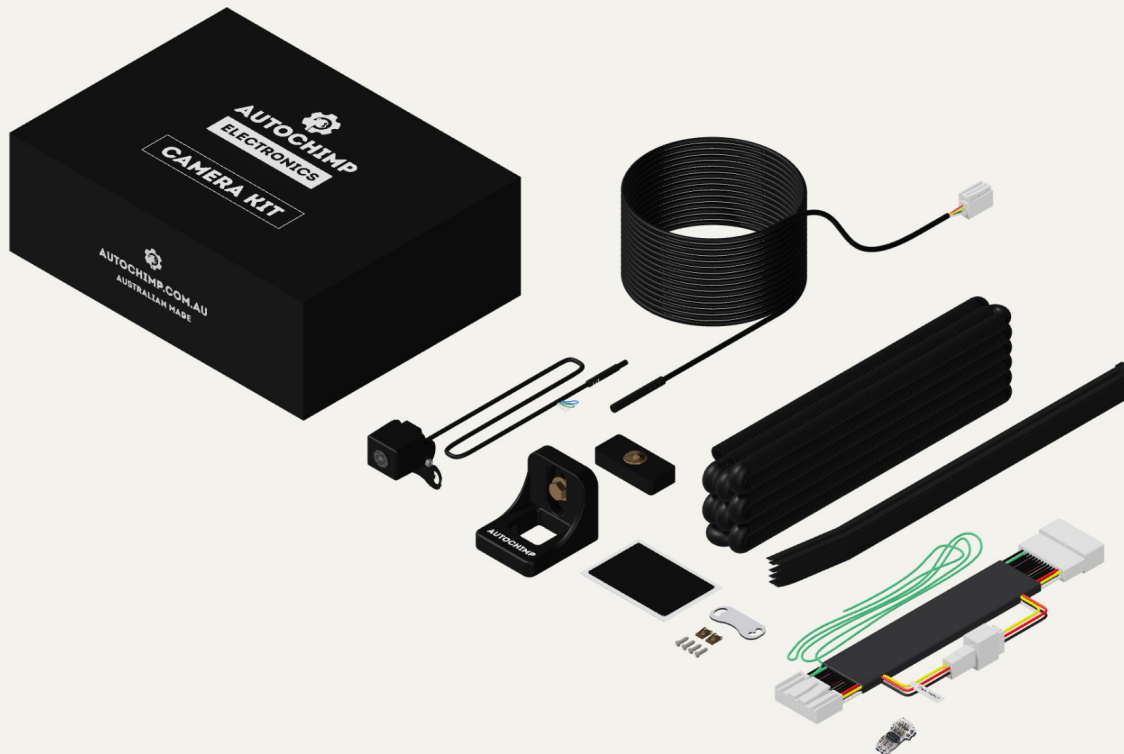


Cable Ties + Split
Tubing + Sealing Tape



Front Camera Mounts

WHAT'S INCLUDED

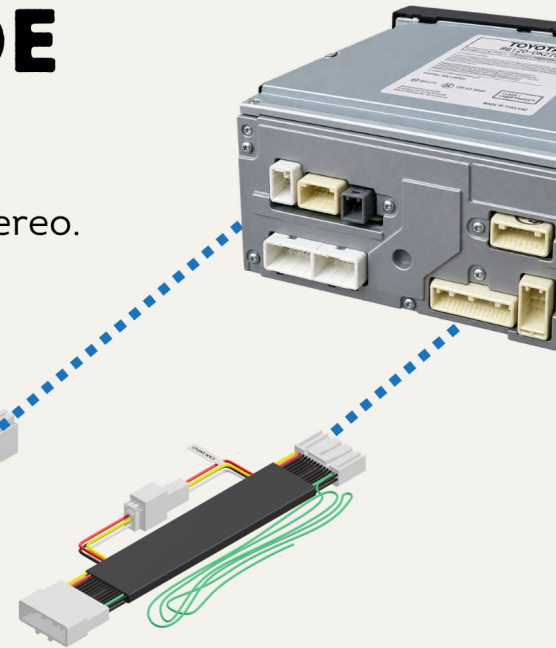


SKU: AC-TOY-RC2

QUICK START GUIDE

1. Mount the camera.
2. Route the camera cable.
3. Camera connects direct to rear of the stereo.
4. Use 28 pin connector with green wire if required.
5. Configure image flip or guidelines if required.

Camera connects direct to stereo.

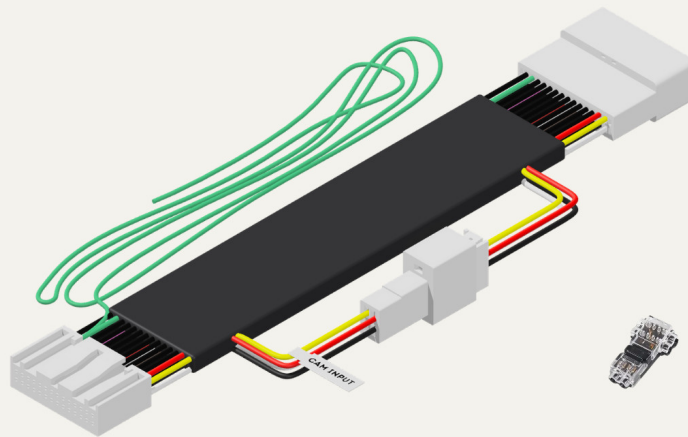


AC-TOY-28PIN if required only. See Connection Guide.

<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
• Cable	Reverse 12v Input	Green

CAR SPECIFIC WIRING

The AC-TOY-28PIN is a plug-and-play reverse camera interface harness for factory Toyota stereos using the 28-pin connector. Suits a range of Toyota models, including the Hilux.



In the RC2 kit it carries the reverse signal to the stereo. Most 2006–2013 Hilux already have that signal in the factory plug, so the harness simply plugs in.

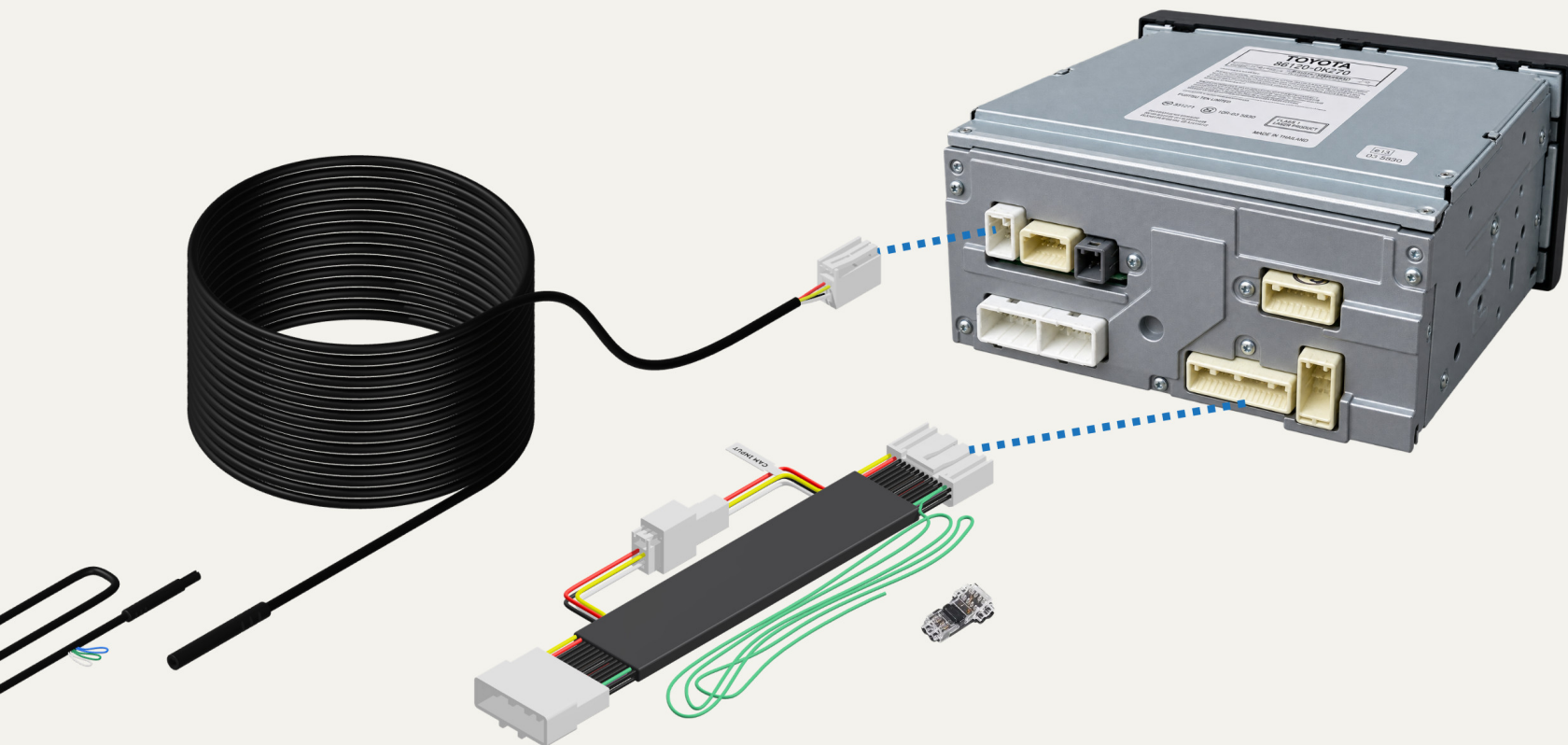
If yours does not, connect the green wire at the fuse box. See the Connection Guide.

SKU: AC-TOY-28PIN

CONNECTION LOCATION

For most Toyota Hilux (2006–2013) models, this kit is fully plug-and-play, automatically receiving the reverse signal from the factory stereo plug.

The AC-TOY-28PIN Green Wire Reverse Light Trigger Connection is for certain models only. If your Hilux does not have a reverse signal in the 28-pin stereo plug follow the connection guide on next page.

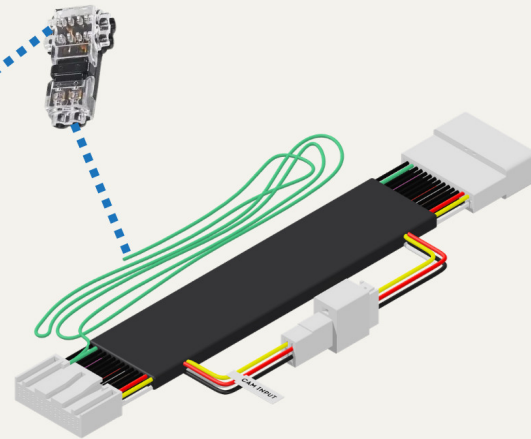
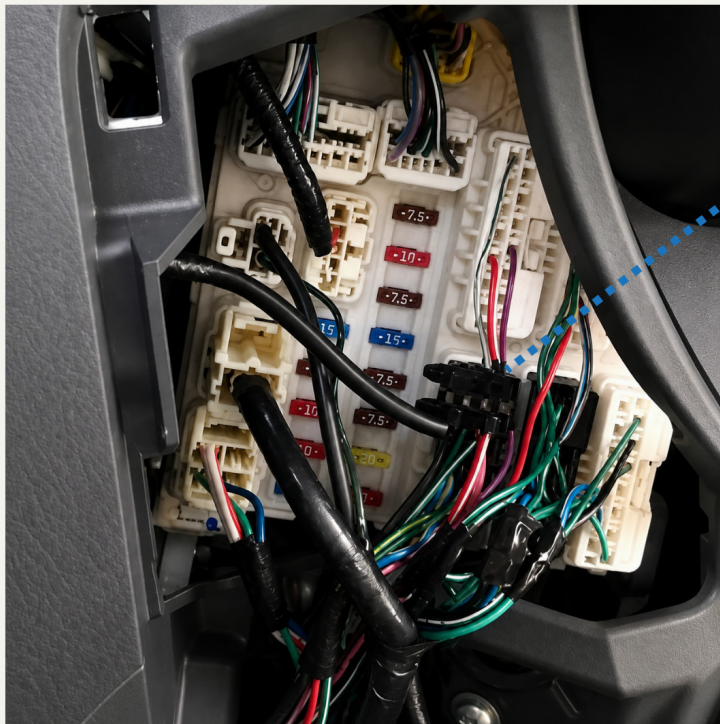


CONNECTION GUIDE

LOCATION: Drivers side fuse box.

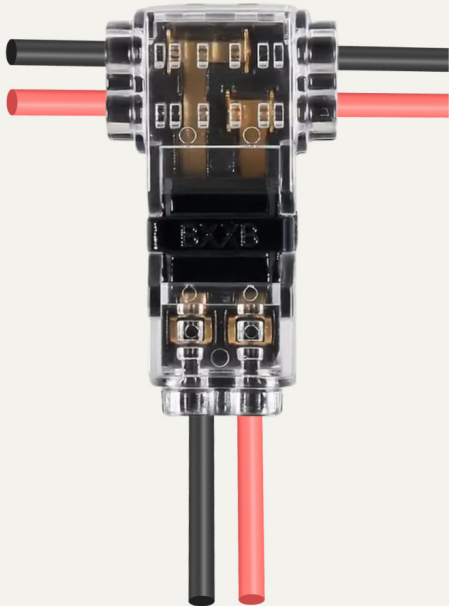
The GREEN wire with SNAPTAP connector should be routed to the drivers side fuse box. Tap onto the **RED/WHITE** wire in the centre of the vertical plug.
See picture shown.

Use provided AutoChimp™ SnapTap to connect.



This 28 Pin Harness plugs in behind stereo.
Green wire connection is only required if your vehicle doesn't have the original reverse trigger in OEM 28 pin plug behind stereo.

HOW TO USE WIRE TAP



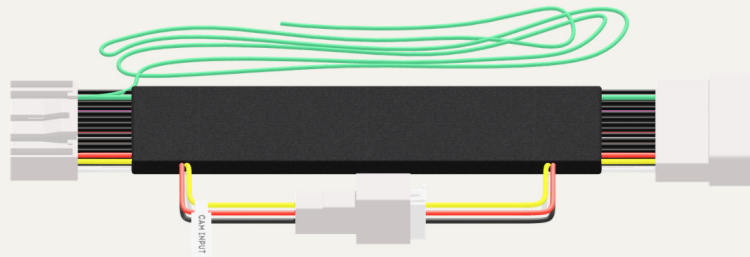
**Tap up to TWO wires directly onto any
cables solder free.
Suitable for 20 - 24 AWG wire gauge.**

Simple push cables into T-Tap
and press clear cover down onto
cables. Wires will crimp to
terminals.

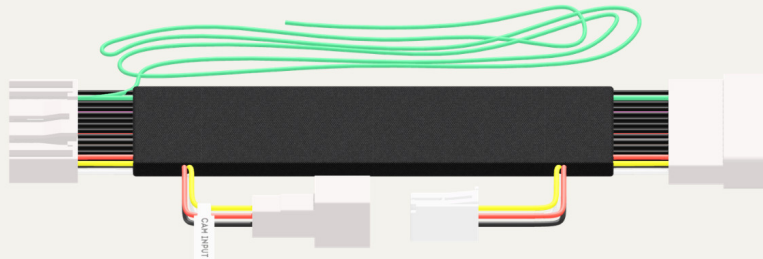


FULL PASS-THROUGH

All 28 factory pins carry straight through the harness, so every OEM circuit stays connected. On this kit the 4-pin pair must stay joined – leave it closed.



CLOSED – correct for this kit. Factory wiring stays untouched.

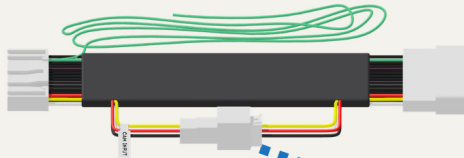


OPEN – not used on this vehicle. For 70 Series kits only.

On the Hilux (2006–2013) the camera plugs into the 4-pin camera port at the rear of the factory stereo, so the pass-through pair stays joined.

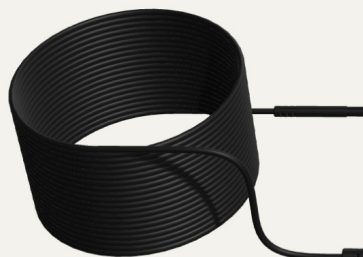
FITMENT GUIDE

AutoChimp™ HD Pro Camera connects directly to AutoChimp™ Camera Adapter Harness. Use either option depending on your model vehicle.



AC-TOY-28PIN ~ Install behind stereo.
Green wire routes to fuse box left of steering column. (if required)

Pass-through connector – stays closed for RC2 installation



Extension Cable
8m



Power Cable
1m

Power / Video Cable
7m



MODULAR CAMERA MOUNTING SYSTEM

Multi-Directional Mounting

The camera can be used as a front, rear, side, tray, canopy or custom vehicle camera. It can be mounted directly in its metal housing or paired with AutoChimp™ mounting brackets.



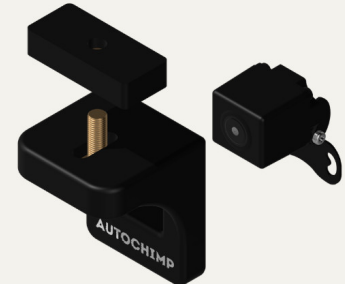
Alternative ABS-GF Mounting Brackets Available



Rear + Tray Mounts



Front Camera Mounts



Universal Rear Mounts



CAMERA SETUP

PRO SERIES CAMERAS



Three loop wires set the camera output. **Cut a loop to switch that option; rejoin it to switch back.** Test the picture before you seal the cable.



White — Mirror / Non-Mirror

Joined = mirror (rear), cut = non-mirror (front). Switches between rear-view and front-view orientation.



Blue — Vertical Flip

Joined = normal, cut = flipped. Corrects the image when the camera is mounted upside down.



Green — Parking Guidelines

Joined = on, cut = off. Turns the on-screen guidelines on or off.

Scan the QR on your info card

SMS +61 411 101 737

WIRING DIAGRAM

Wire Colour



CAM Power - 6V Output

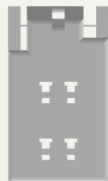
CAM V+ - Input

CAM V- - Input

CAM Ground - 0V

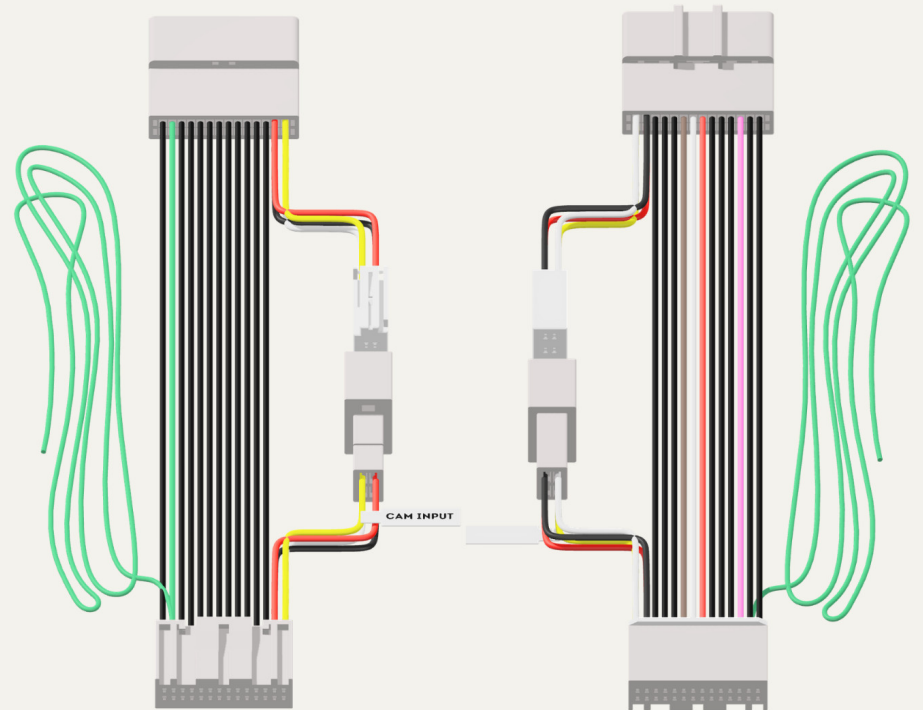
Reverse Trigger 12v Input

Connectors



Top

Bottom



PRO SERIES

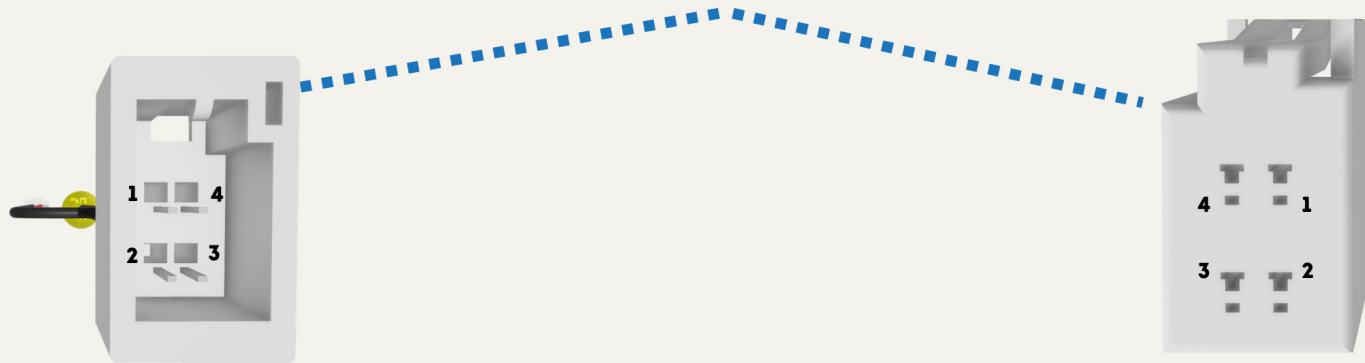
4 PIN CONNECTOR PIN OUT

Female Side (Towards Display)

Male Side (From Camera)

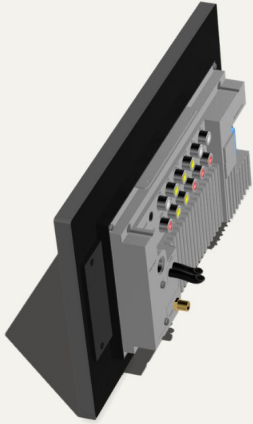
Important:

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

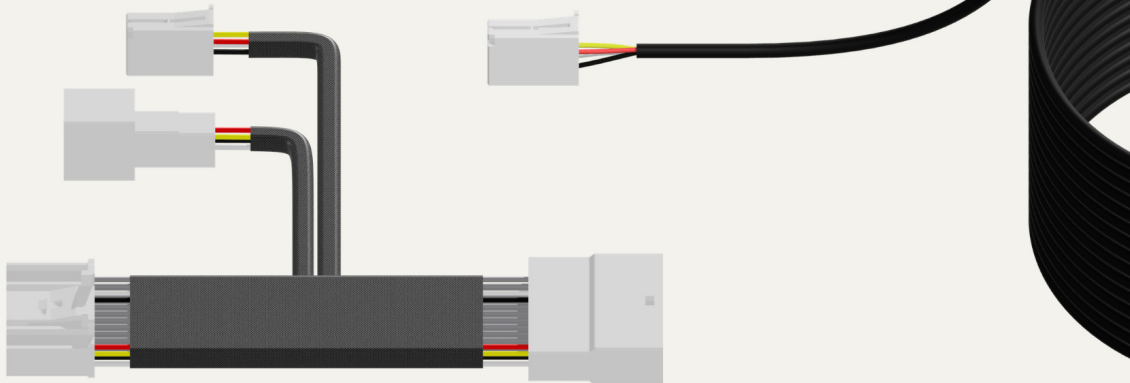
CAMERA INTERFACING



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.



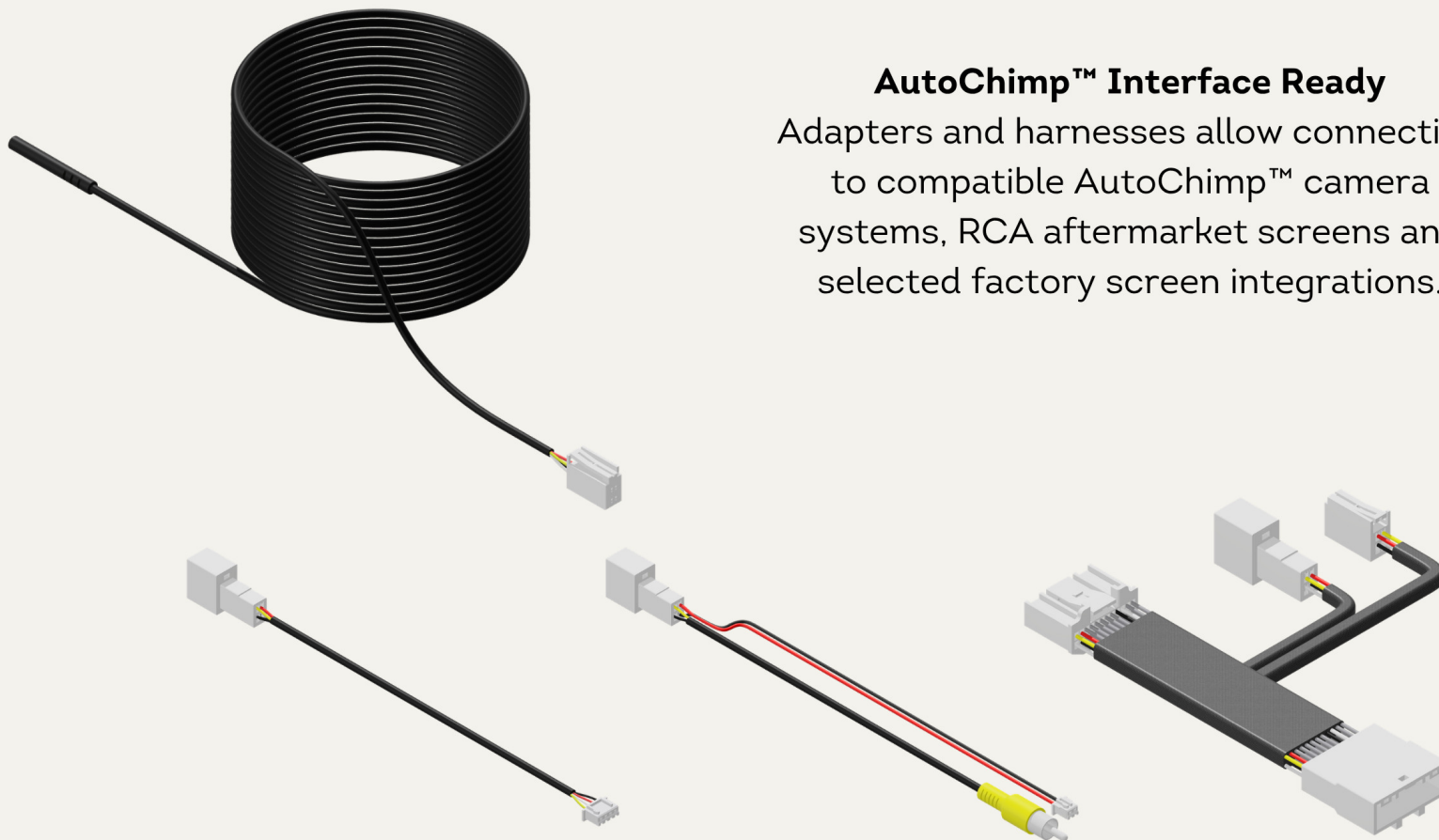
AutoChimp™ cameras can also be connected directly to factory Toyota screens or through our OEM integration adapters & patch harnesses.



CAMERA CONNECTION

AutoChimp™ Interface Ready

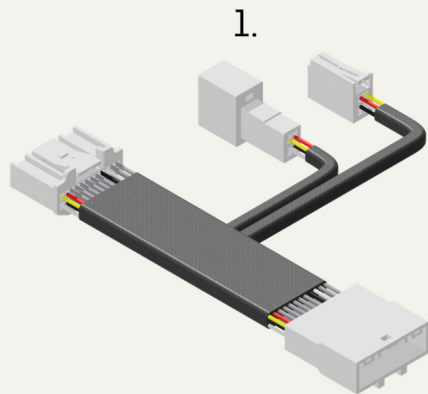
Adapters and harnesses allow connection to compatible AutoChimp™ camera systems, RCA aftermarket screens and selected factory screen integrations.



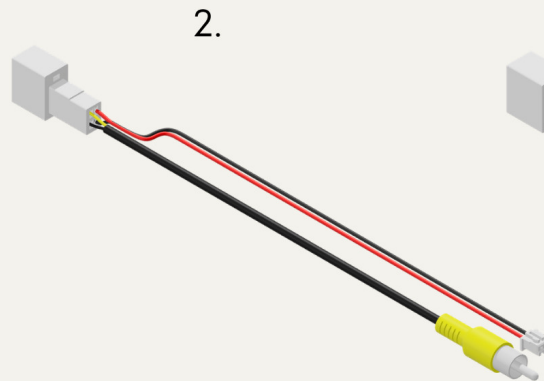
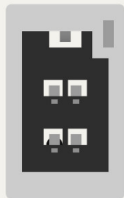
(Adapters sold separately or included in kits as specified)

OTHER CONNECTION TYPES

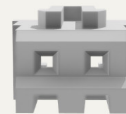
1. **AutoChimp™ OEM Adapters** - 4 Pin Direct Connection (Toyota Style)
2. **AutoChimp™ RCA Adapter** - RCA Video + 2-Pin JST Power
3. **AutoChimp™ PCB Adapter** - 4-Pin JST Video + Power



4 Pin Direct Connect



RCA Output + 2 Pin JST



4 Pin JST



(Adapters sold separately or included in kits as specified)

INSTRUCTIONS

REVERSE CAMERA KIT FOR TOYOTA HILUX

SKU AC-TOY-RC2 · 2006–2013

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

Or type autochimp.com.au/guide/ac-toy-rc2

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

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



GUIDE + VIDEO



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