

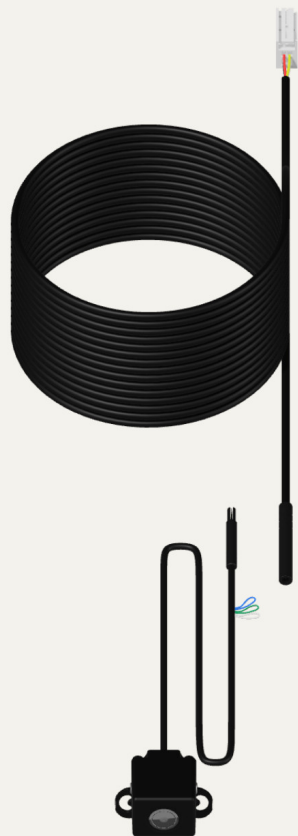


Built for Toyota Hilux
(2016 - mid 2020)

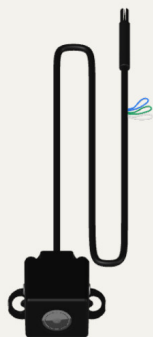


KIT CONTENTS

7m Power +
Video Cable



Pro HD Camera + Pro
Mounting Bracket



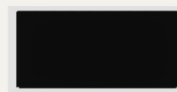
Waterproof
Sealing Tape



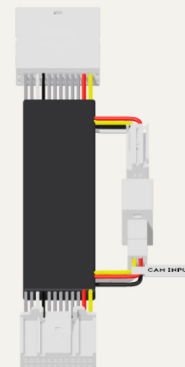
Split Tube + Cable Ties



24 Pin Camera Adapter



Screws, Clips &
Mounting Tape



SKU: AC-TOY-RC4

TOYOTA

AUTOCHIMP



AUTOCHIMP

Tasmania - Explore the possibilities



TO

AUTOCHIMP

DISPLAY IMAGE QUALITY



AutoChimp™ Pro Series cameras support HD CVBS output (NTSC / PAL).
Final on-screen image quality depends on the display's supported video
format and resolution.

Pro Series cameras provide a clear image in both daytime and low-light conditions.

Example shown on 70 Series and N80 Hilux factory displays.

The OEM Toyota stereos are not AHD – their format is CVBS (NTSC).

PRO SERIES CAMERA

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

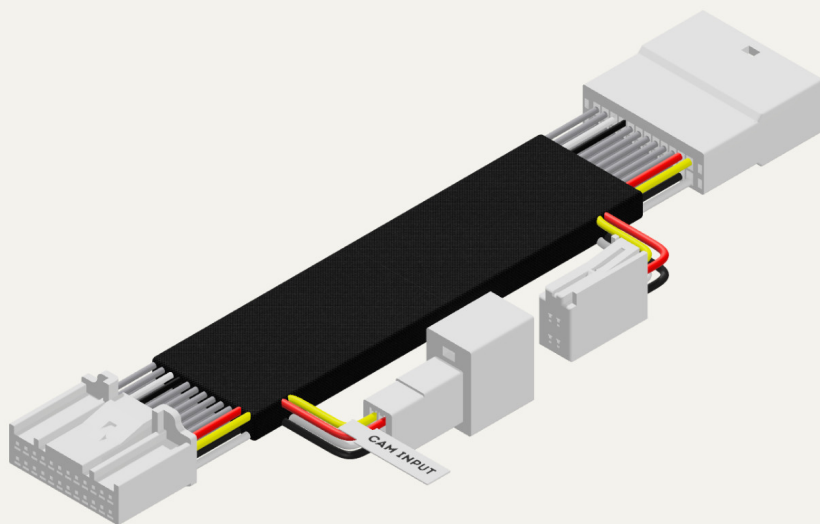
Suitable for compatible Toyota factory screen systems, AutoChimp™ camera interfaces and RCA camera setups.



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

DIMENSIONS

Adapter Harness



Cables Length: 160mm
Overall Length: 220mm

4 Pin Connector



Width: 11mm
Height: 18mm



Width: 10mm
Height: 17mm

24 Pin Connector



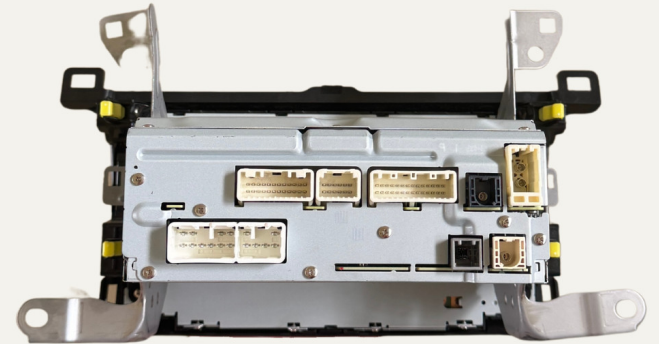
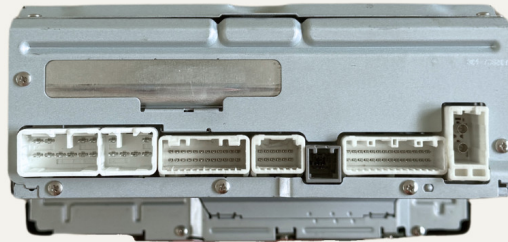
Width: 31mm
Height: 12mm



Width: 28mm
Height: 9mm

COMPATIBLE VEHICLES

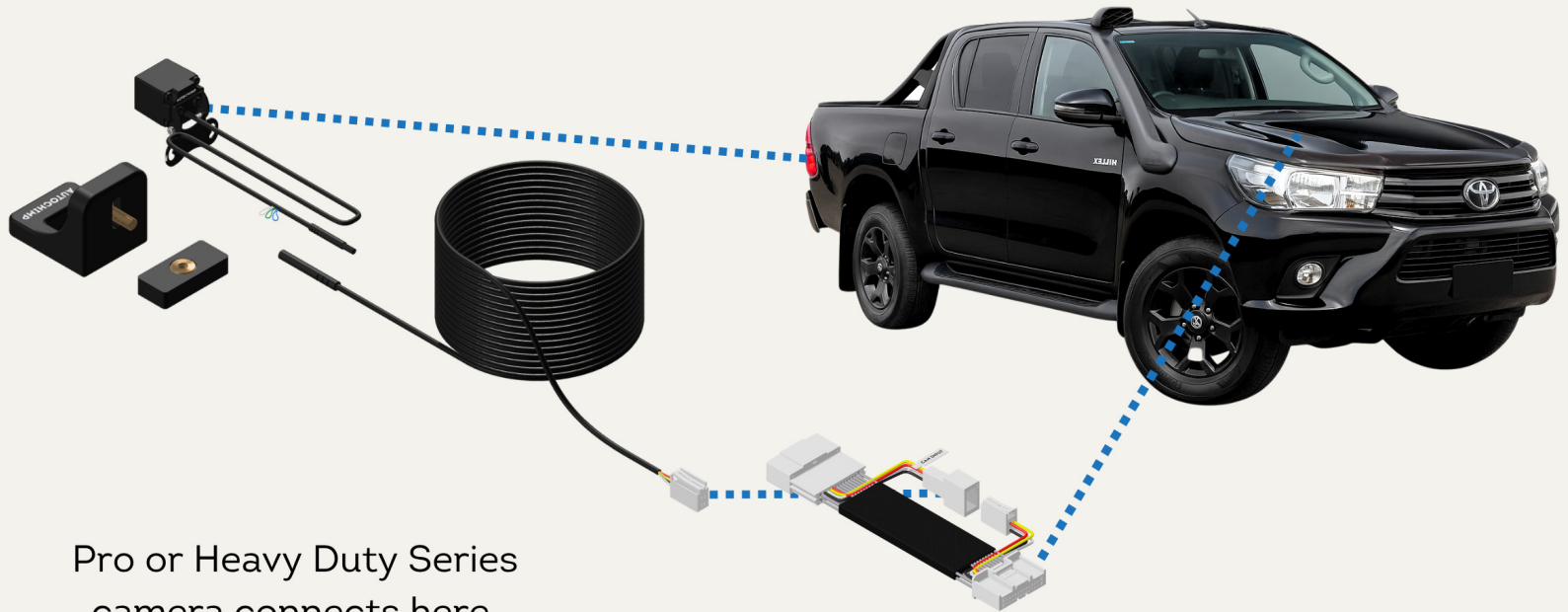
The AC-TOY-RC4 kit suits Toyota Hilux N80 (2016–2020) with the factory 24-pin camera input. Compare your stereo and vehicle with the images before ordering.



Supports automatic and manual transmissions, petrol and diesel models.
Check the factory stereo shown before ordering.

HOW IT WORKS

The AC-TOY-24PIN harness is built to allow simple camera connection to the factory screen using the OEM plugs on the vehicle. It T-pieces inline and allows you to add either an AutoChimp™ Pro Series or Heavy Duty Series camera – completely plug & play and fully reversible.



Pro or Heavy Duty Series
camera connects here.
Simple plug & play
installation.

Note: AC-TOY-24PIN installs into the
rear of stereo.

CAMERA FEATURES

Configurable Camera Display

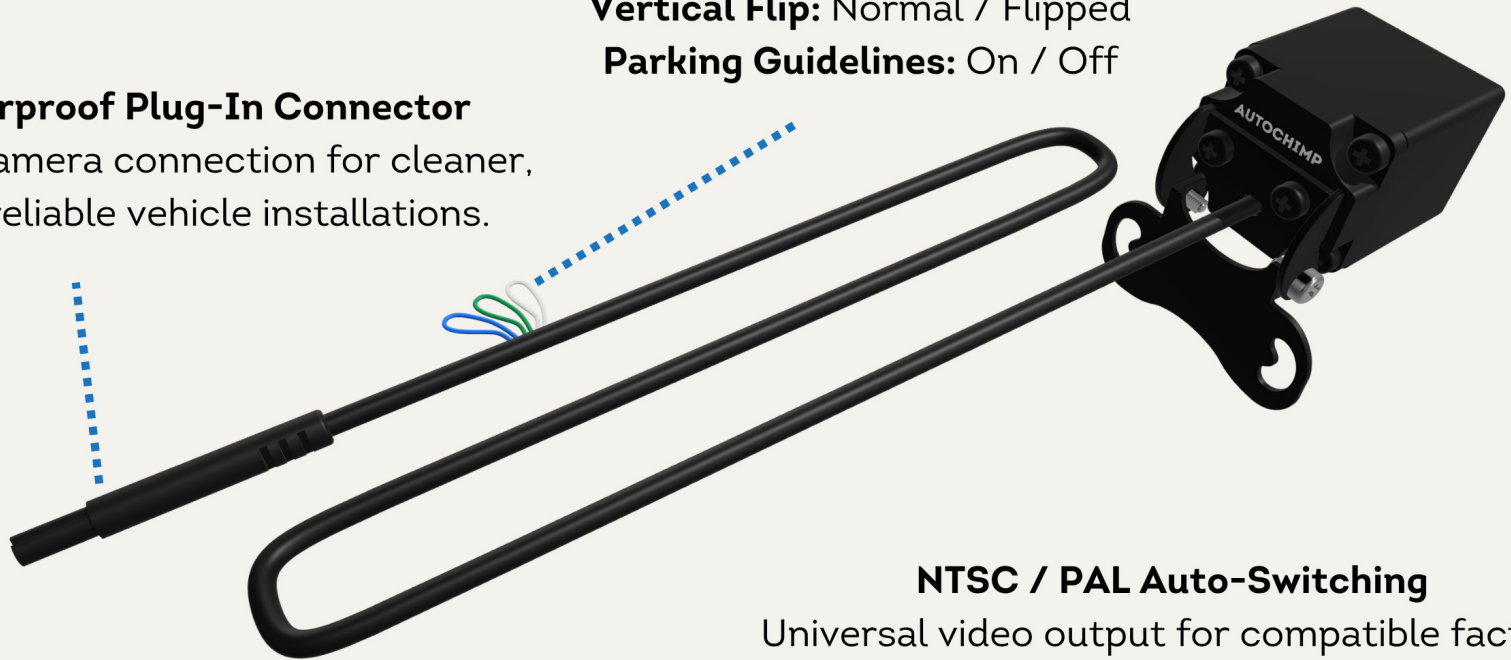
Horizontal Flip: Mirror / Non-Mirror

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.

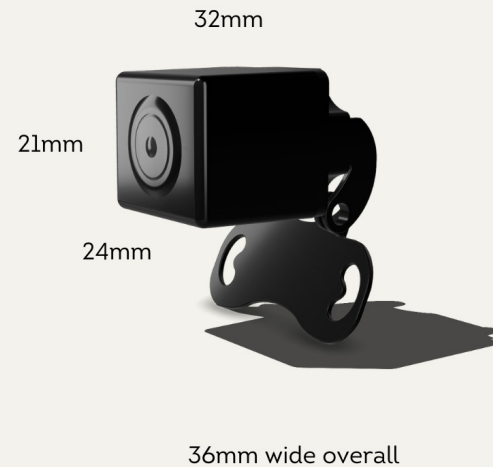
6V-12V Compatible

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

CAMERA DIMENSIONS



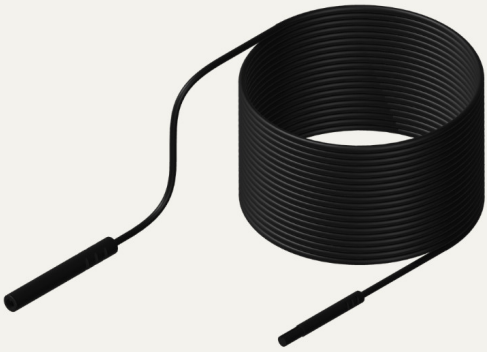
Mounting Bracket
Bracket Camera Assembly



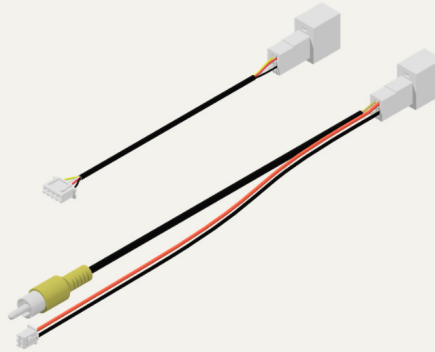
Camera Body

OPTIONAL ACCESSORIES

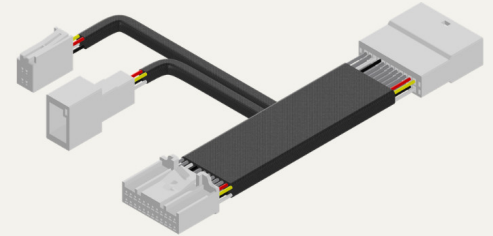
The Pro series camera has various accessories available to help with your installation.



8m Extension Cable



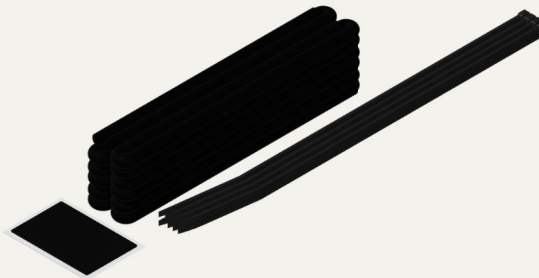
Power Connectors



Vehicle Specific Adapters



Rear + Tray Mounting
Brackets



Cable Ties + Split
Tubing + Sealing Tape



Front Camera Mounts

WHAT'S INCLUDED

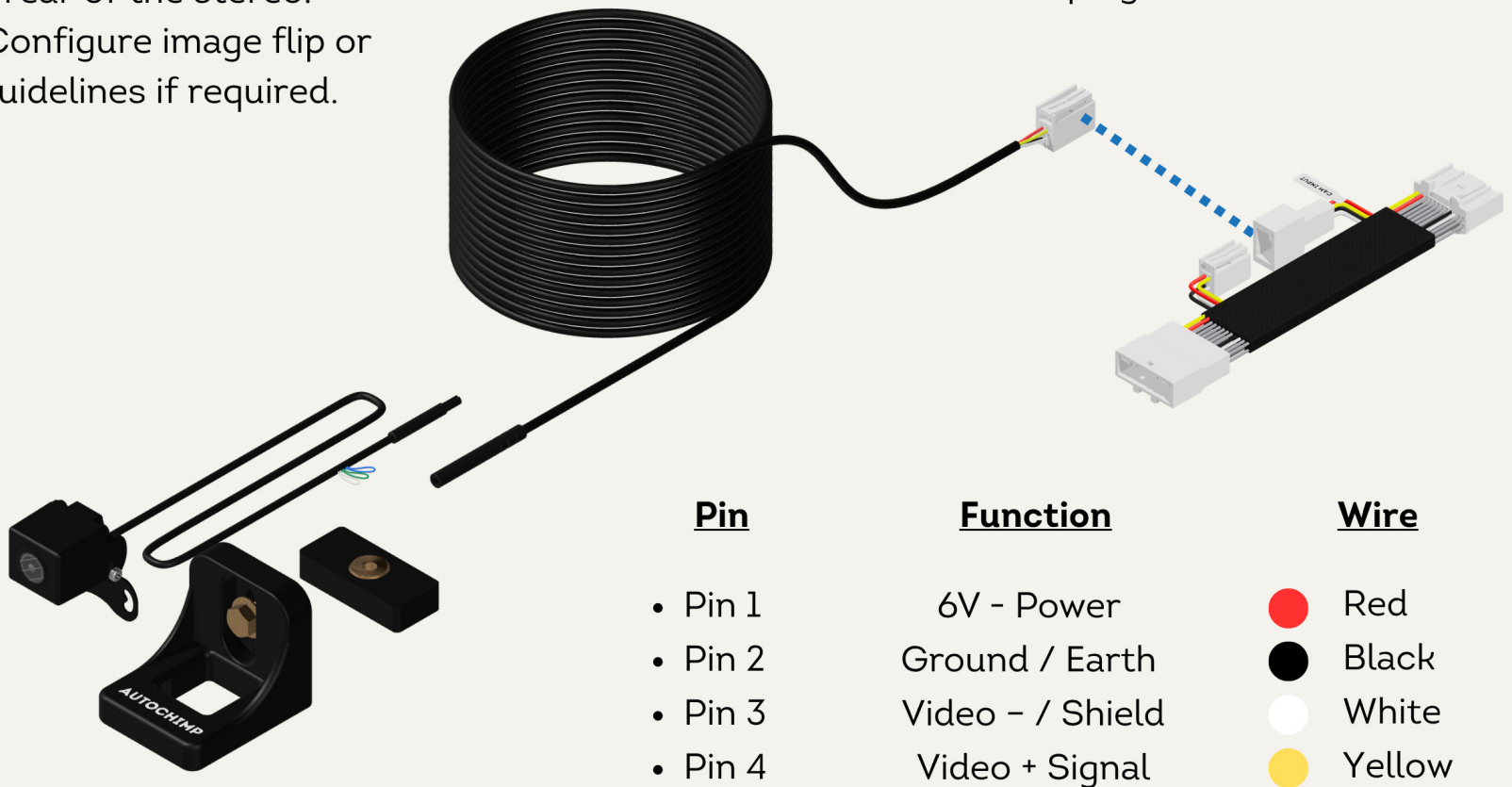


SKU: AC-TOY-RC4

QUICK START GUIDE

1. Mount the camera.
2. Route the camera cable.
3. Connect the adapter to the rear of the stereo.
4. Configure image flip or guidelines if required.

Camera connects to adapter.
Adapter installs in rear of the
STEREO, plugs inline.

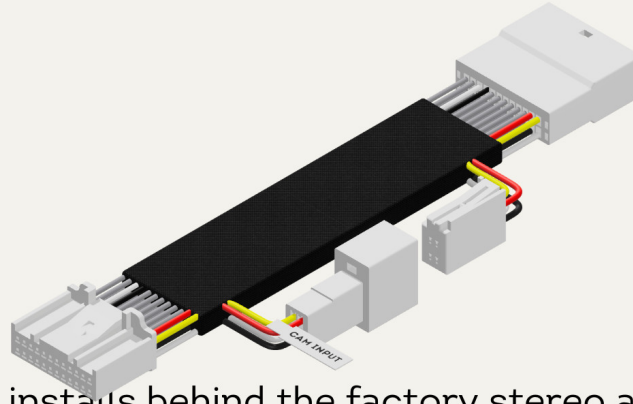


CAR SPECIFIC WIRING

AC-TOY-24PIN reverse camera interface harness

Toyota Hilux N80 (2016-2020)

Installs behind the factory stereo.

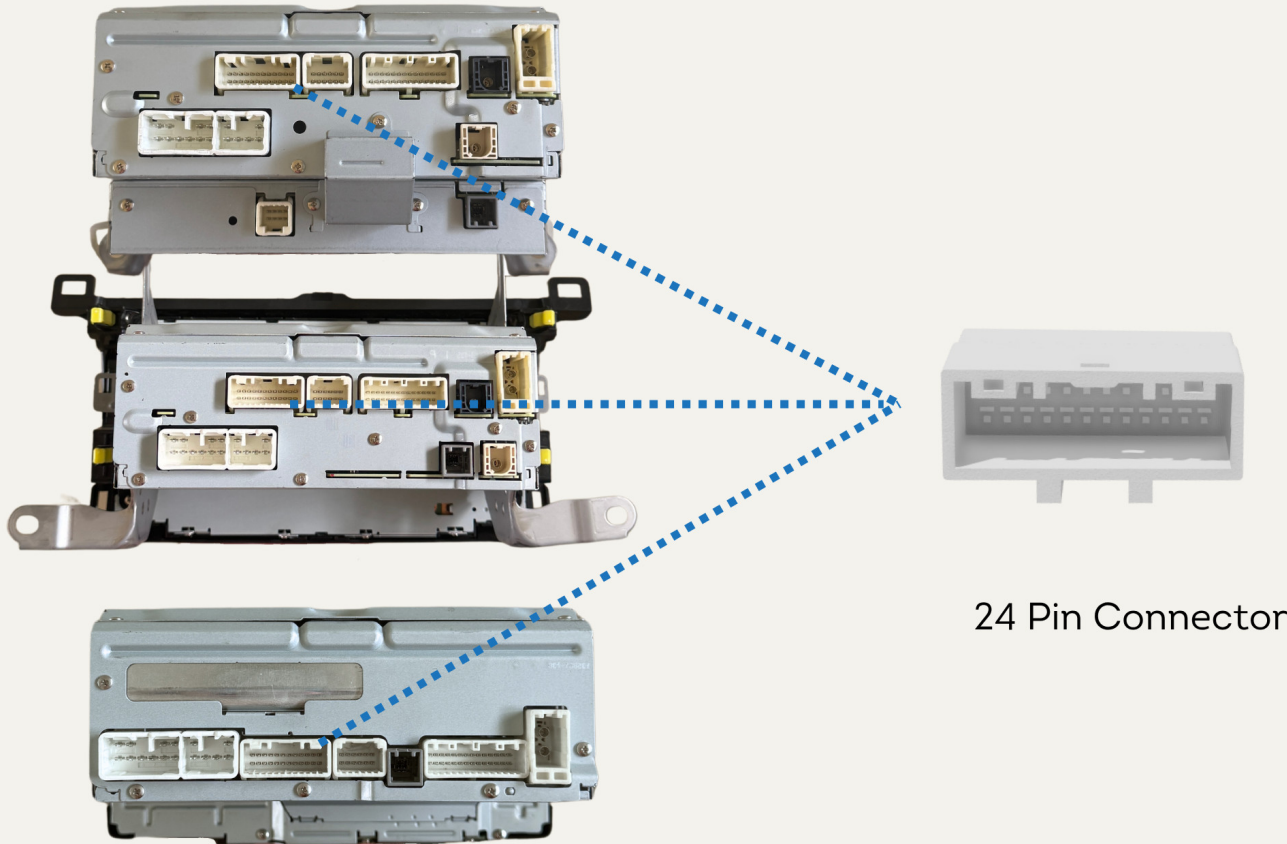


The AC-TOY-24PIN installs behind the factory stereo and provides the 4-pin camera input for this Hilux N80 kit. Factory wiring passes through the harness. For another Toyota model, choose its vehicle-specific kit; additional reverse-trigger hardware may be required.

SKU: AC-TOY-24PIN

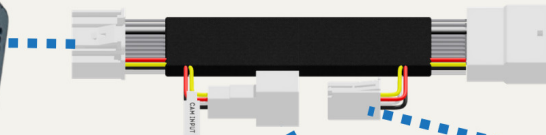
CONNECTION LOCATION

The AutoChimp™ AC-TOY-24PIN connects inline behind the stereo. The exact position varies by stereo – examples shown below. There is only one place it can connect, so it cannot be fitted incorrectly.



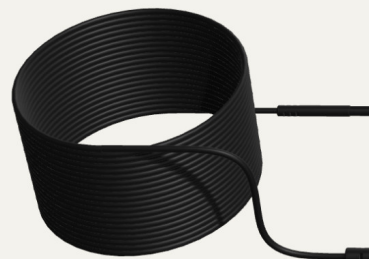
FITMENT GUIDE

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

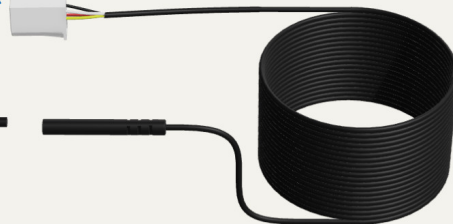


AC-TOY-24PIN ~ Install behind stereo.

Pass-through connector – not used with a camera fitted.

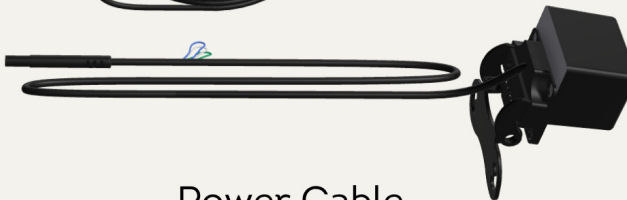


Extension Cable
8m



Power Cable
1m

Power / Video Cable
7m

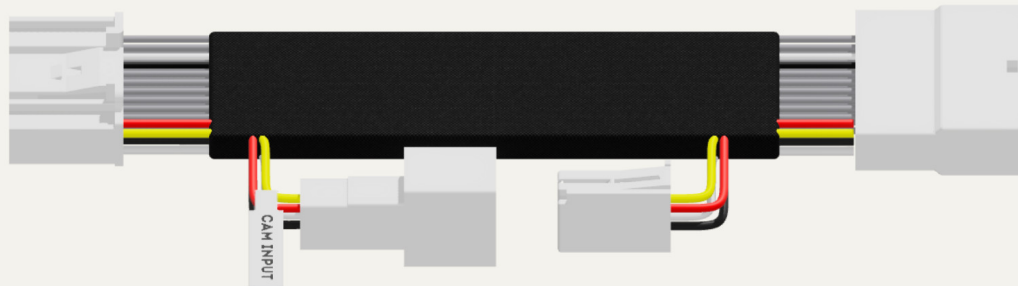


FULL PASS-THROUGH

All 24 factory pins carry straight through the harness, so every OEM circuit stays connected. Only the camera video circuits break out to the 4-pin plug pair.



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



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

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.



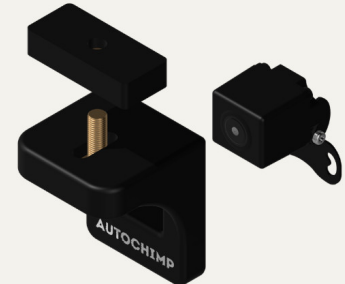
Alternative ABS-GF Mounting Brackets Available



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.

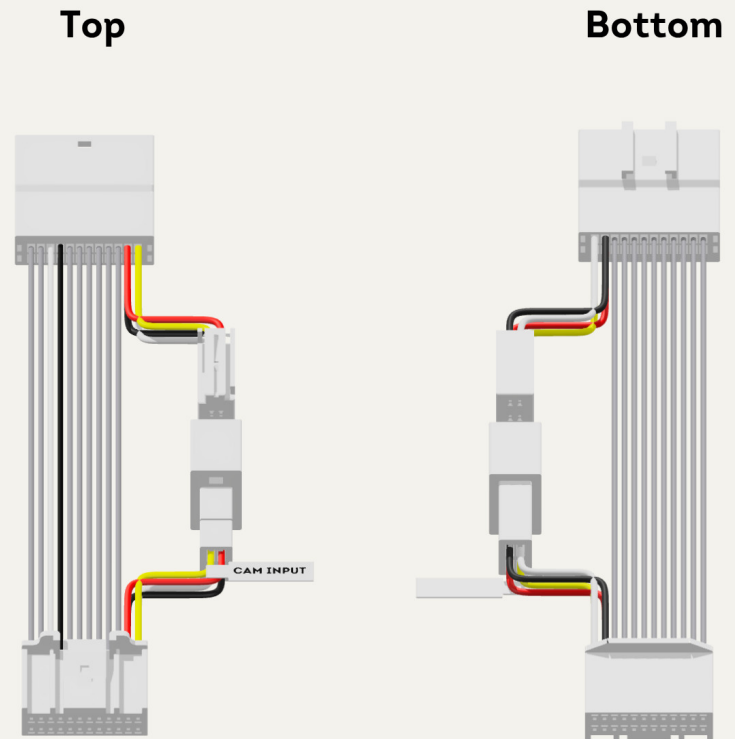
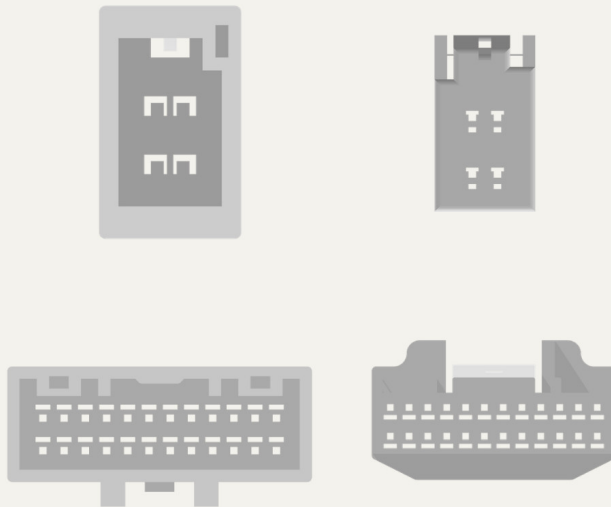
Scan the QR on your info card

SMS +61 411 101 737

WIRING DIAGRAM

Wire Colour	Function
	CAM Power - 6V Output
	CAM V+ - Input
	CAM V- - Input
	CAM Ground - 0V

Connectors



PRO SERIES

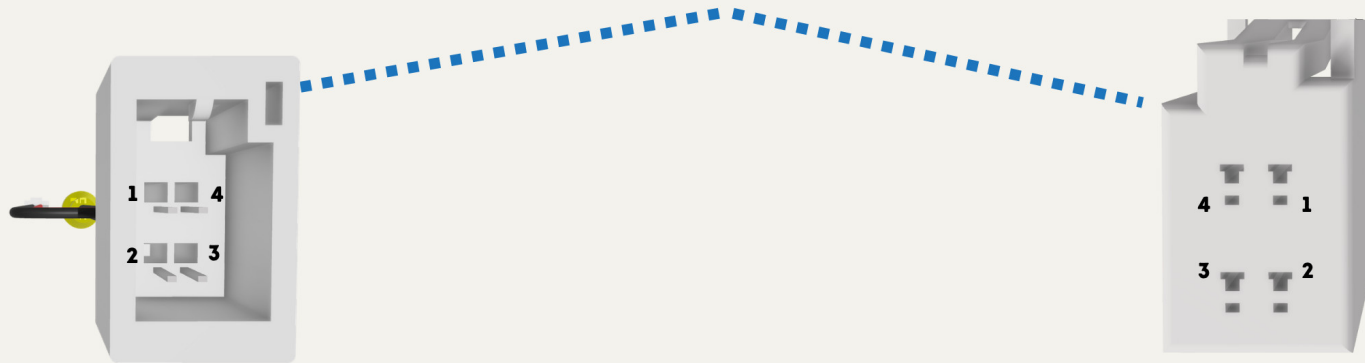
4 PIN CONNECTOR PIN OUT

Female Side (Towards Display)

Male Side (From Camera)

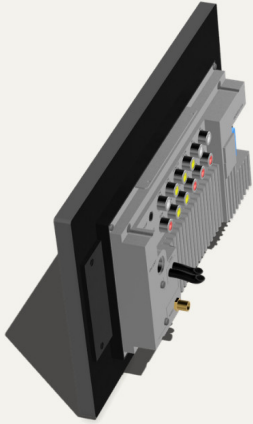
Important:

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

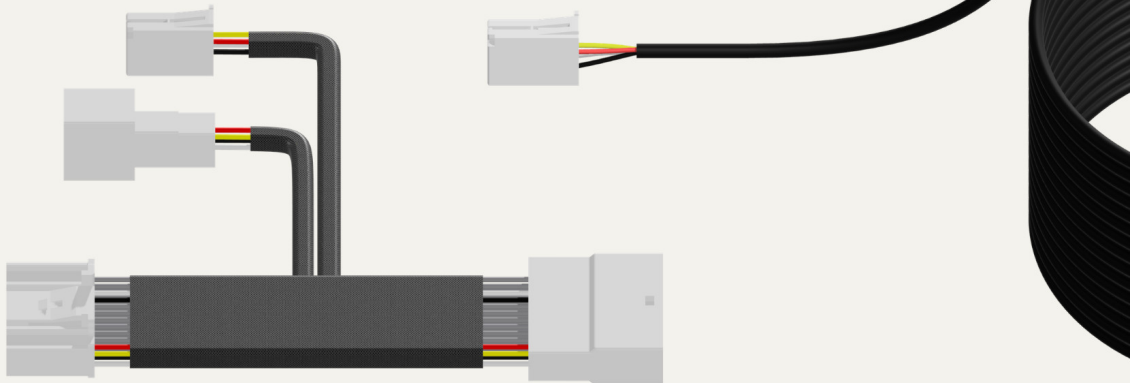
CAMERA INTERFACING



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.



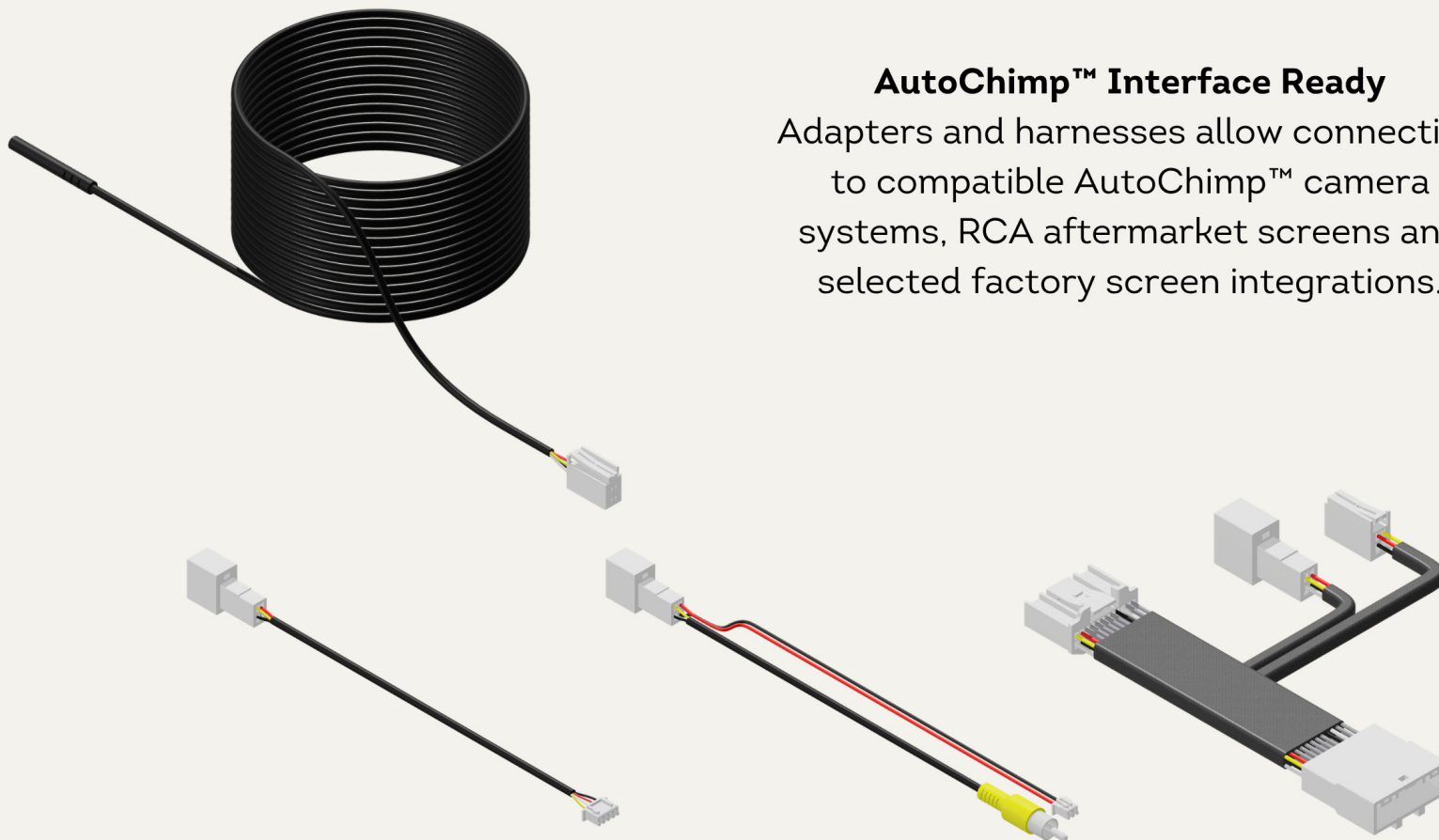
AutoChimp™ cameras can also be connected directly to factory Toyota screens or through our OEM integration adapters & patch harnesses.



CAMERA CONNECTION

AutoChimp™ Interface Ready

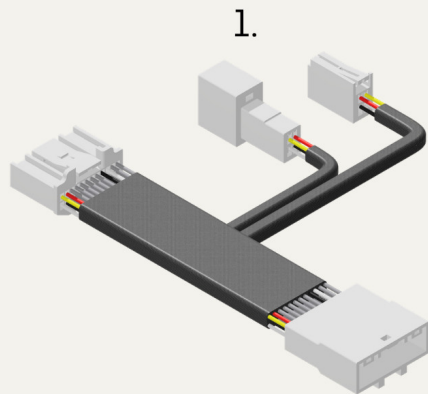
Adapters and harnesses allow connection to compatible AutoChimp™ camera systems, RCA aftermarket screens and selected factory screen integrations.



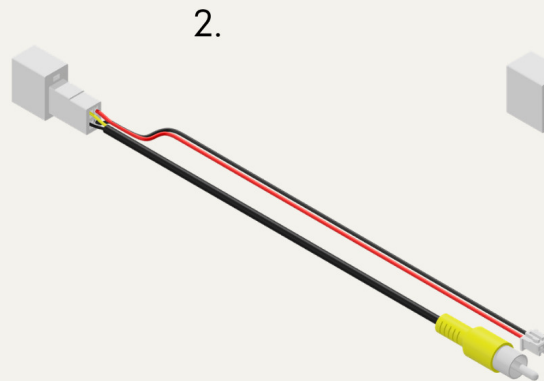
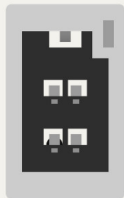
(Adapters sold separately or included in kits as specified)

OTHER CONNECTION TYPES

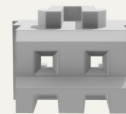
1. **AutoChimp™ OEM Adapters** - 4 Pin Direct Connection (Toyota Style)
2. **AutoChimp™ RCA Adapter** - RCA Video + 2-Pin JST Power
3. **AutoChimp™ PCB Adapter** - 4-Pin JST Video + Power



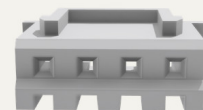
4 Pin Direct Connect



RCA Output + 2 Pin JST



4 Pin JST



(Adapters sold separately or included in kits as specified)

INSTRUCTIONS

REVERSE CAMERA KIT FOR TOYOTA HILUX N80

SKU AC-TOY-RC4 · 2016–2020

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-rc4

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