



TOYOTA LANDCRUISER PRADO 250 SERIES

JUNE 2024 ON

TOWING MIRRORS INSTALLATION GUIDE

VERSION 2.0

Thank you for choosing Clearview Accessories®

When it comes to road safety, having full visibility of your vehicle and your caravan, trailer or horse float is paramount. Clearview Towing Mirrors extend your field of vision when towing, changing lanes or reversing, to help see you to your destination safely. From Cape York's Telegraph Track to the Gibb River Road, Clearview Towing Mirrors are purpose-built tough for Australian conditions!

Clearview Accessories began in 2006, as a family-run business owned by entrepreneur, Mike Cowan and his son-in-law, Jay Praag. In the years that followed, Mike and Jay turned their small family business with three full-time employees, into one of Australia's most respected 4WD and Touring Brands.

With a strong passion for the automotive industry, quality design and discipline in professional workmanship, our trust is built within our values of creating high-quality ADR-compliant designs.

From humble beginnings, Clearview Accessories has grown and today manufactures a range of unique, quality products for your next off-road adventure!

Contact us:

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Find us on social media



facebook.com/clearviewaccessories



instagram.com/clearviewaccessories



youtube.com/clearviewaccessories

Due to Clearview's Continuous Improvement Program, information may change without notice. Clearview takes no responsibility for the result of incorrect use of these installation instructions.

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Clearview mirrors are direct replacement mirrors that mount securely in the same position as your original mirrors.

What's in the box

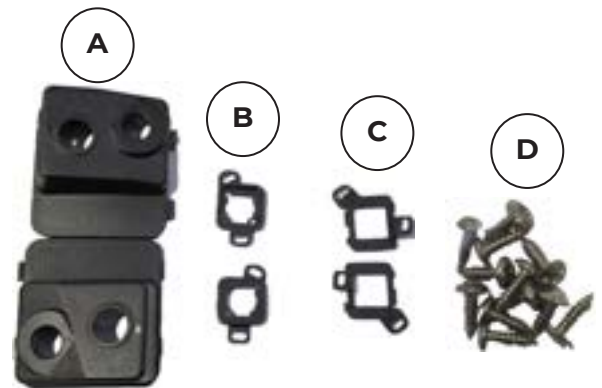


- 1 x Left hand side mirror & base
- 1 x Right hand side mirror & base
- 1 x Installation instruction
- 1 x Lower Access Panel (if mirror does not contain 360° camera feature)
- 1x 360° Camera Kit (if mirror contains 360° Camera feature)

If you have purchased a camera model mirror:

Within the shipping box with the mirror head, you will find a **camera bracket kit** for your make of vehicle. **This kit will contain:**

- A.** 1 x LH and 1 x RH camera lower access panels (parts marked/inscribed LH and RH)
- B.** 1 x LH and 1 x RH camera brackets (parts marked/inscribed LH and RH)
- C.** 1 x LH and 1 x RH Sensor brackets (parts marked/inscribed LH and RH)
- D.** 12 x camera bracket attaching screws



If anything is missing, or damaged, please do not install your new mirrors and contact us on 03 8351 9933 or via: info@clearviewaccessories.com.au

Tools Required:

1. Door Trim Plier Removal
2. Plastic Pry Tool - Narrow & Wide
3. Trim Clip Removal
4. "S" Hook
5. Flat & Phillips head screwdriver
6. Torque Wrench
7. M10 Socket & Phillips head bit driver with DC Gun. (Makita 12V)
8. Ratchet with M10 Socket head
9. Chalk Marker
10. Cable Ties



Whilst our mirrors can be installed by one person, the process is quicker and easier when an additional person is available to hold the mirror into position.



CAUTION



WARNING

- Read through the fitting instructions before installation of Clearview Accessories.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory and will void your warranty.
- Ensure all packaging materials are recycled and/or disposed of in accordance with local regulations.
- It is always recommended that this accessory is fitted by a qualified technician.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
- Remove all metal swarf and dust from all vehicle surfaces if the surface is used for accessory installation.
- Your vehicle may be fitted with the Active Park Assist feature. You should only use this feature with your Towing Mirrors in the fully retracted, driving position.



POWER FOLD

WARNING: DO NOT UNFOLD MANUALLY

If your mirror is equipped with Power Fold. In some cases, the mirror head may be loose before installation as the mirror head needs to be electrically folded and unfolded for a minimum of cycles on its first use to synchronize.

Please refrain from folding the mirror MANUALLY as it can reduce the life span of the product.

- **NB:** This mirror is designed to be manually folded upon impact as a safety feature.



COURTESY / PUDDLE LIGHT

Please understand that every car and every model is different and that some vehicles have different wiring options than other vehicles. We do not know the exact wiring configuration of your vehicle.

If you require the use of the courtesy/puddle light function you will require the assistance of an Auto Electrician.

- Clearview Accessories does NOT provide this service unless it's a standard function on the vehicle.

NB: Where there is an electrical modification of the vehicle, a suitably licenced person should undertake the work.

- IF HARD WIRING: **ORANGE WIRE: NEGATIVE (-) | GREY WIRE: POSITIVE (+)**

Step 1

Prepare vehicle

Place transmission into park position with handbrake on.

Turn ignition on and lower front door glass/windows.

Turn ignition off/ remove key and disconnect the battery before proceeding to next step.

Lower window



Disconnect the battery by removing the negative terminal before taking off the OEM mirrors. Do not reconnect the battery until the camera wiring has been properly connected to the cameras in the new towing mirrors.



Use M10 Spanner for removing the nut of Battery -VE Terminal.
Cover the battery connectors with a fabric cloth to prevent accidental contact with the negative (-) battery terminal.

Step 2

Removal of OEM Plastic Trim - Outside A-Pillar

Remove the highlighted Plastic Trim by warming the plastic so the Adhesive tape behind is loose OR can use a Fishing line and gently move from Top to Bottom behind the plastic trim to Slice through the Adhesive Tape.



Step 3

Removing the Locator Clips from OEM and installing on CV Window Trim



Remove the Blue Locator Clips from **OEM Plastic trim** by sliding out as highlighted (LHS Trim Shown)



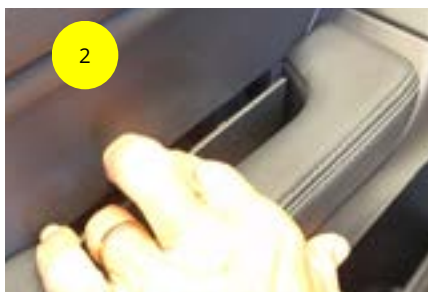
Re-assemble the Blue Locator Clips from OEM Plastic trim to the **CV Window Trim** by sliding In as highlighted (LHS Trim Shown)

Step 4

Remove the First Door Trim Cover



Insert the Pry tool at the Top notch gap at the door handle as shown and lever it down to remove the Plastic Trim cover behind the door handle.



After loosening pull up the cover as there are tabs at the bottom as shown below



Plastic Trim Cover Removed



Remove the 2 - M4 Screws and keep aside for re-assembly

Step 5

Remove the Door Latch Trim



Insert the Pry tool at the side of the door latch as shown and lever it sideways to remove the Plastic Trim cover behind the door latch.



Remove 1x Phillips Head screws and keep aside for re-assembly

Step 6

Remove door panel + Courtesy light/Blank panel



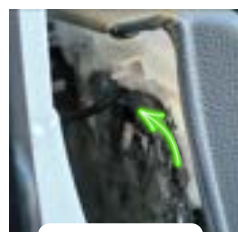
Carefully pry door panel with the Clip removal tool



Work your way up along the trim



Use 'S' Hook to hang door panel



Under the Plastic locator



Pop out and disconnect courtesy light/blank panel



HANDY TIP: If the courtesy light/blank panel pops out of place, do not be alarmed. Simply feed the wire and plug back through and plug back into place.

NB: Do not pull the door panel away completely from the door, as wiring and door lock mechanisms are secured behind the door.

Step 7

Disconnect OEM mirror wiring



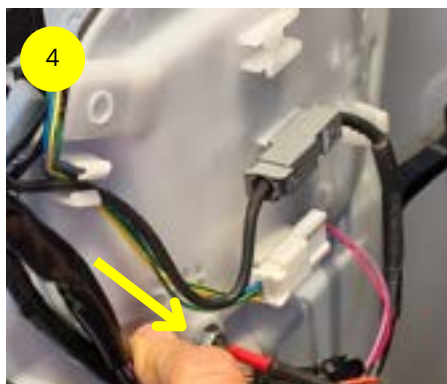
Locate and carefully unplug the factory mirror's electrical wiring plug from the connector as demonstrated.



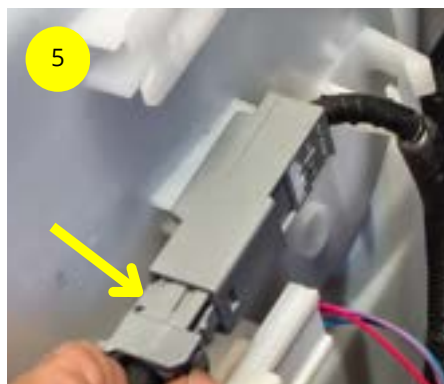
Remove the ECU Unit from the door by unscrewing by Philips Head DC Gun



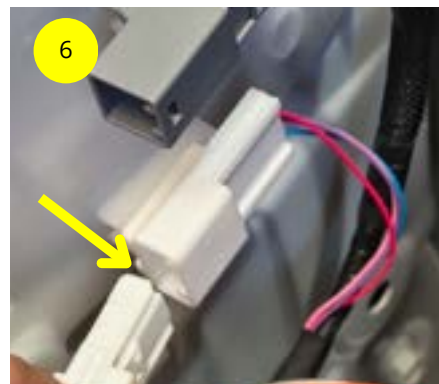
Unclip the wiring connector from the ECU



Remove the M4 Philips Head Screw to get the plastic cover out



Remove the Grey connector plug



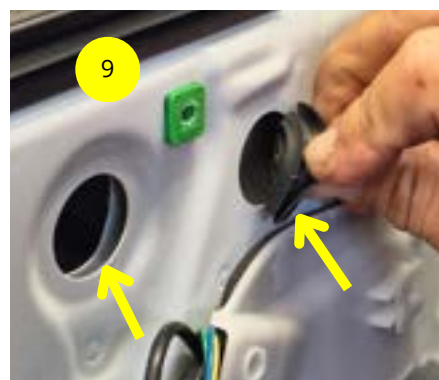
Remove the White connector plug



Remove the White Trim Cover with the plastic Pry Tool



Insert the Plastic Pry Tool on the side by pressing the Tab to release the Trim Cover



Remove the Rubber Grommets so the M10 Nuts can be removed.

Step 8

Removal of Door A-Pillar Trim

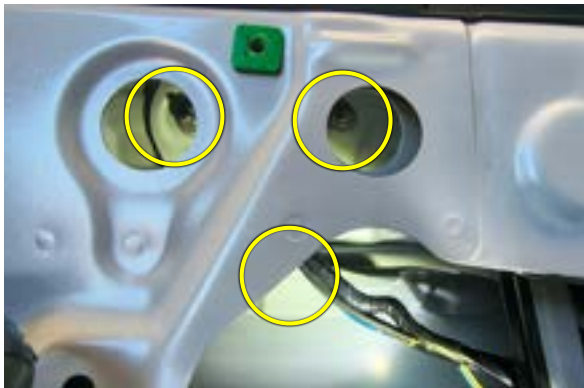
Remove the Black Trim Cover with the plastic Pry Tool from the Top corner wiggling to loosen the red clip

Trim Cover removed and keep aside for re-assembly at later stage.



Step 9

Removal of OEM Mirror Hardware's



Using a 1/4" ratchet wrench with a 10mm socket carefully remove the x3 10mm hex flange nuts that support the OEM mirror head in place.

Step 10

Removal of OEM Mirror

- Carefully remove OEM mirror and set aside in preparation for the next steps.


*Support mirror
during this
operation*



HANDY TIP: Keep your original OEM mirrors as back up should anything unforeseen happen to one of your Clearview Mirrors, necessitating the need to return it to us for repairs.

Step 11

Attaching the CV Plastic Window Trim



- Use the Alcohol wipes to clean the surface first as highlighted and then
- Apply the 3M Primer



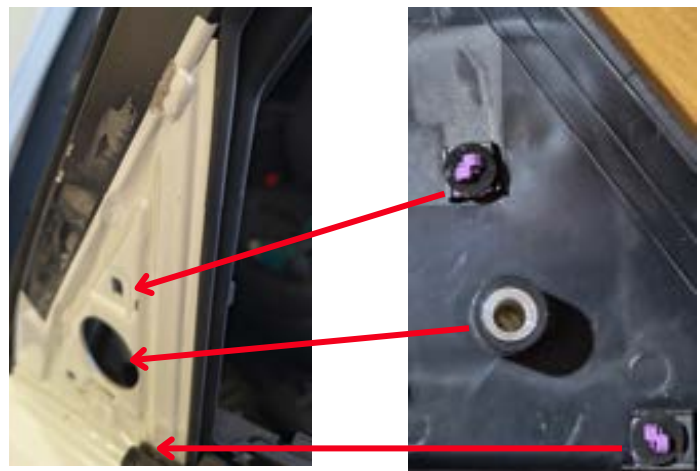
From the CV Kit remove the M6 Hardware & Window Trim

NOTE : Ensure the M6 hardware is used only when you assemble the BASE to the Window Trim

Step 12

Attaching the CV Plastic Window Trim

- Clip the locators to the slot in the panel as shown
- The center sleeve will just go through the panel





Remove the liners from the back of the Tape before fitting them on the panel.



Press Firmly on the sides once the window trim is assembled.

Step 13

Remove the Towing Mirror etc. from the shipping box:

Remove complete CV mirror heads from box and approach to the vehicle

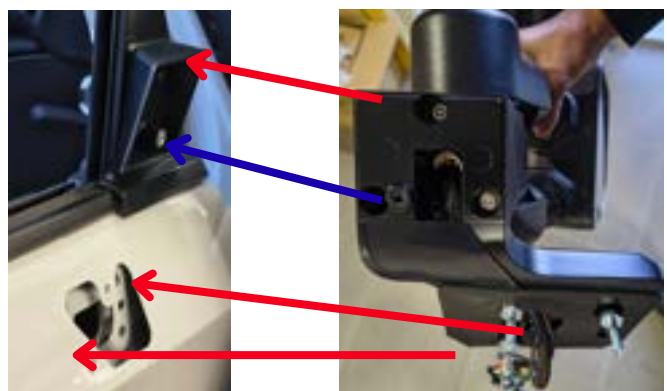


Step 14

Attach the Towing Mirror to the Vehicle:



For ease of handling the Towing Mirror during installation, extend the mirror head to the mid-position.



Present the Towing Mirror head base to the door panel mounting position.

- 3 Studs will be going to the bottom of the door panel
- Top base of the part (RED marked) should be aligned to the Window trim outer Step

Step 15

Feeding the wires through the center slot opening



Feed the wires from outside of the Door Trim



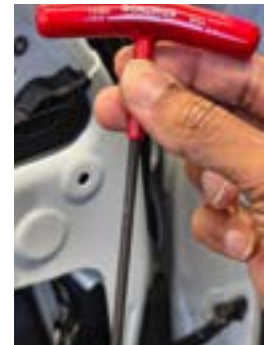
Pull it from the inside and make sure it goes around the vertical beam so it doesn't get tangled.

Step 16

Screw the M6 counter sunk bolt at Window Trim First



Use M4 Allen Tool to tighten the **M6 countersunk screw at the Window Trim**



Step 17

Tightened the nuts with Torque upto 10 N/m



Using a 1/4" ratchet wrench with a 10mm socket tighten all 3x - M10 nuts with Torque upto 8-10N/m

Step 18

Put the cover back on the Door panel



Channel the wires through the slot opening in the cover.



Connect all the wires, ensuring the connectors remain outside the panel, then secure the cover back onto the panel as shown.

Step 19

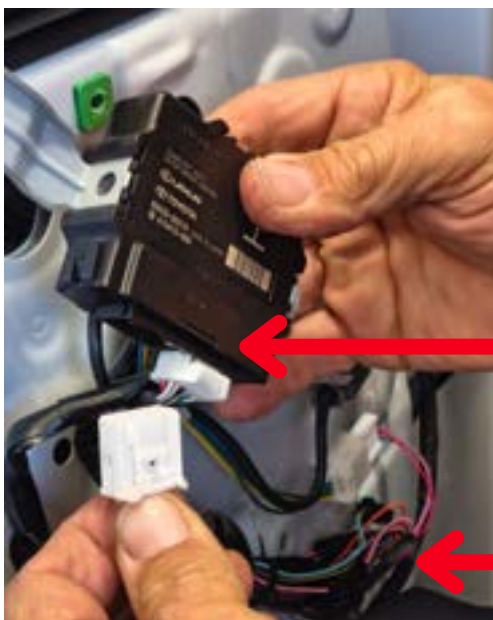
Clipping the Connectors



Connect the White Sensor Connector



Connect the Grey Camera Connector



Clip the other end of the CV 16 plug Mini Adaptor White Wiring Connector to the Black box

Cable Tie the wires so they are not tangled between the Door panel and the Door Trim during assembly

Step 20

Screw the ECU Black unit and Plastic Door Trim Cover



Put back the Rubber Grommets

Step 21

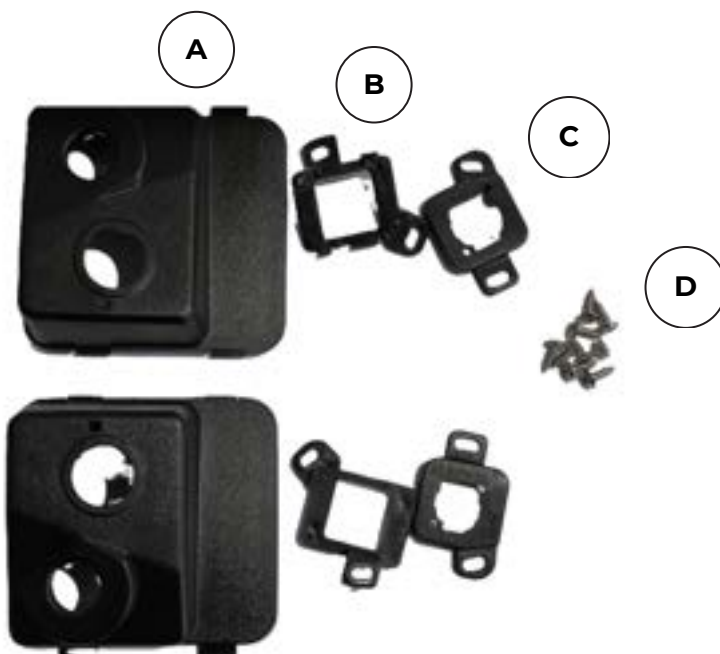
Installation of 360° Camera

Step 21A

Remove parts from camera bracket kit

Within the shipping box with the mirror head, you will find a camera bracket kit for your make of vehicle. This kit will contain:

- A. 1 x LH and 1 x RH Lower access panels (parts marked/inscribed LH/RH)
- B. 1 x LH and 1 x RH Camera brackets (parts marked/inscribed LH/RH)
- C. 1 x LH and 1 x RH Sensor brackets (parts marked/inscribed LH/ RH)
- D. 4 x Camera bracket attaching screws & 4x sensor bracket screws



Step 21B

Remove 'OEM' cameras and Sensors from your original vehicle exterior mirrors



Camera

Sensor

Puddle
Lamp

Step 21C

Remove 'OEM' cameras and Sensors from your original vehicle exterior mirrors

The 'OEM' cameras are located in the lower/outer corner of your original exterior mirrors



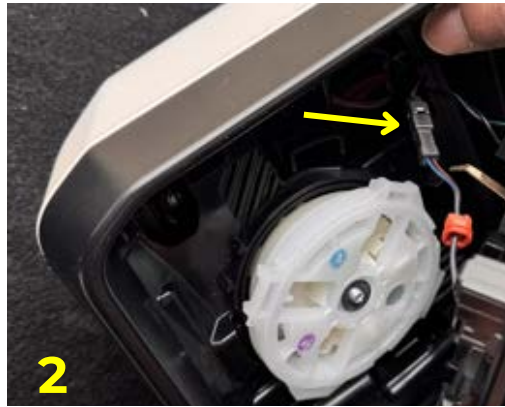
Before removing the OEM mirror cover, mark the edge of the camera (facing the glass) with white pencil/Chalk marker from the glass side of the mirror, to the middle of the camera as shown for both LH and RH side. This will ensure that when assembling it into the CV towing mirrors, the camera align correctly with the OEM position after the assembly.

To remove the cameras (x2) and Sensors (x2) from the original exterior mirror you must first remove the bezel and covers from the original exterior mirrors.

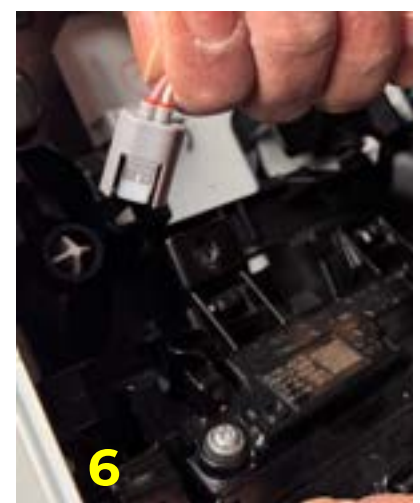
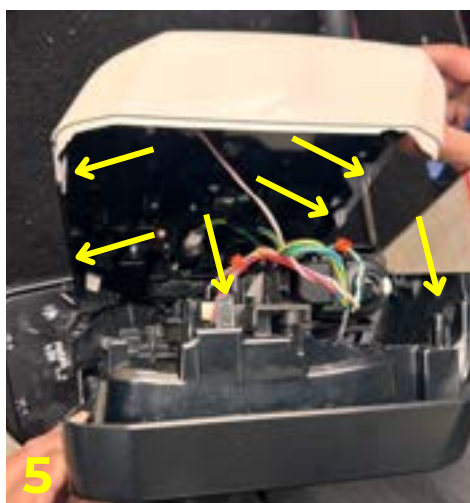
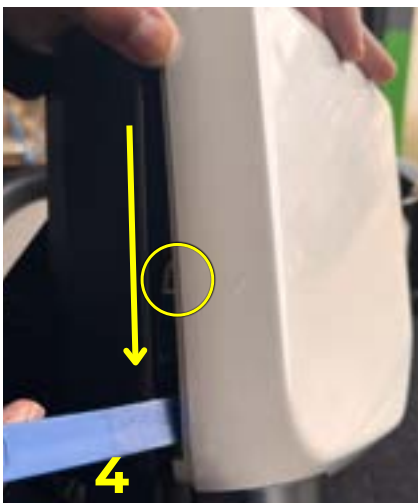
The following pages detail the procedure for the stripping down of the original exterior mirror and removing of the OEM Cameras. After removing both of your OEM Mirrors, place them on a sturdy bench top.

After removing both of your OEM Mirrors, place them on a sturdy bench top.

- Gently remove the OEM mirror glass from the top with a Plastic Pry tool or Screwdriver by unlocking the clips. Being mindful of any clips or wiring beneath it (Image 1)
- Unclip the Heater wire for having the glass keep aside (Image 2)
- Create a Gap between the Front and Back cover by inserting a plastic pry tool from the side and going along the bottom edge. (Image 3)



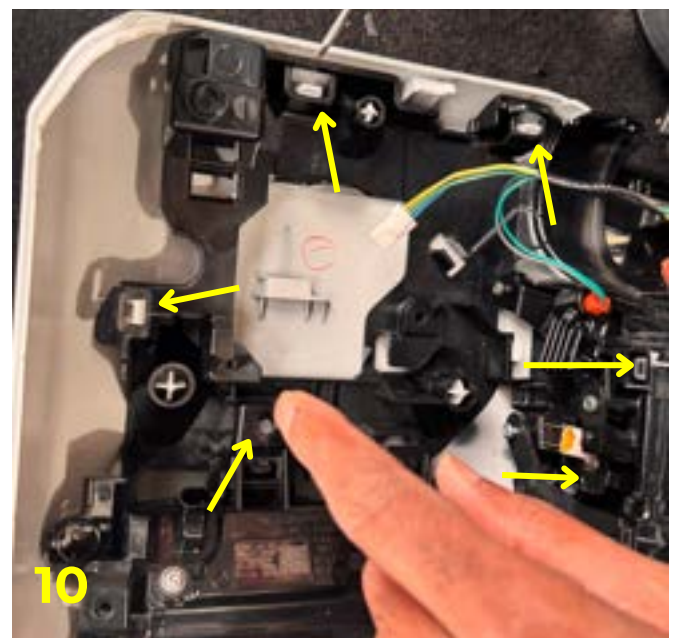
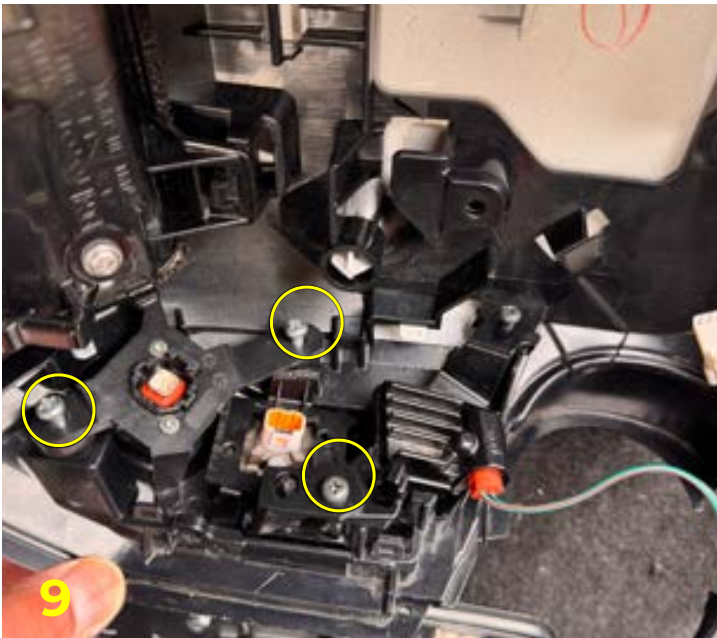
- Go down along the plastic back cover be mindful of the clips not breaking off. (Image 4)
- Gently try to pull the back cover off once all the clips are loose. (Image 5)
- Unplug the Indicator Connector. (Image 6)



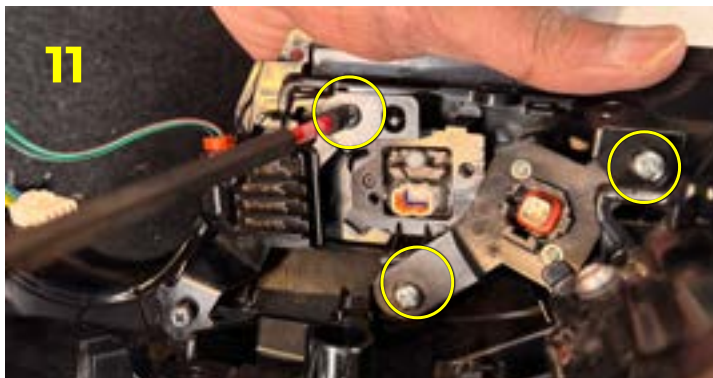
- Unplug the Camera cable Connector. (Image 7)
- Unplug the Sensor Wiring connector. (Image 8)



- To remove the Screws of Camera and Connector (Image 9) you have to remove the back cover by unclipping the tabs (Image 10)



- Unscrew the Phillips Head Screw - X3 for the camera and sensor brackets (Image 11)



Carefully remove the **x2 Torx screws - T6 as highlighted**, so the OEM 360° camera can be removed from the camera bracket and keep aside the Camera and Hardware's to fit into CV Camera bracket.

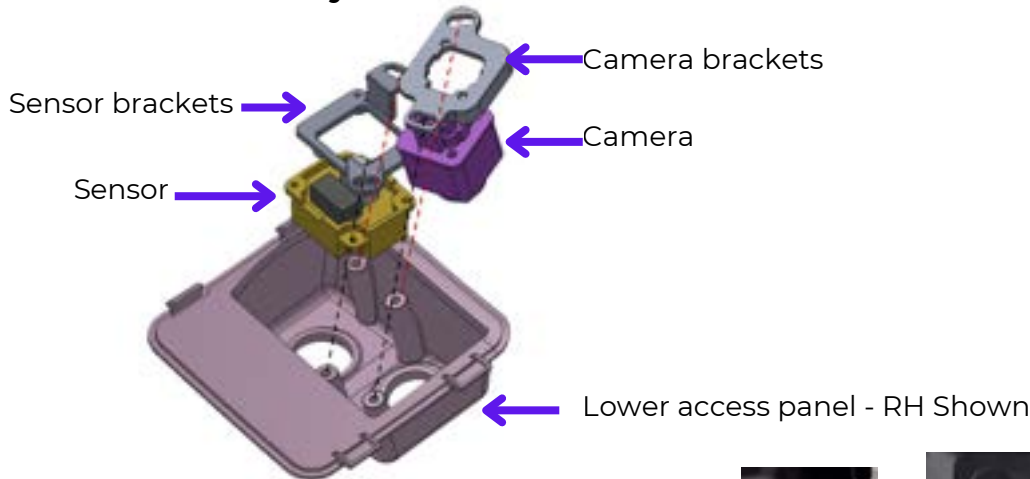


Carefully remove the **x2 Phillips Head screws as highlighted**, to get the Sensors from the OEM sensor bracket and keep aside the sensor and hardware's to fit into Clearview Sensor Bracket Kit.

Step 21D Assemble 'OEM' cameras to Clearview Lower Access Panels

1. Assemble the 'OEM' cameras to the camera lower access panel and align the camera in position using the camera brackets and screws provided, as shown. Do not securely tighten the screws yet.

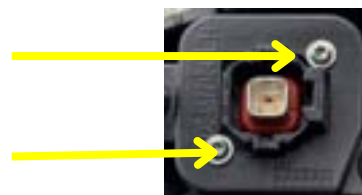
RH side only shown



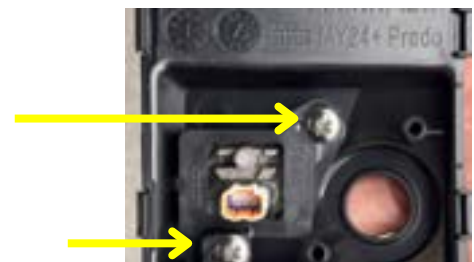
2. Install the 'OEM' Sensor firstly on the CV sensor bracket secured by the 2 phillips head screw previously removed from the 'OEM' sensor bracket.



3. Install the 'OEM' camera to the CV camera bracket with the Torx screws previously removed from 'OEM' camera and original vehicle camera brackets. Secure into these holes.



4. Position and secure the sensor with Sensor Bracket on the LAP with the 3.5mm Screw



5. Position and secure the Camera with camera brackets on the LAP with the 3.5mm Screw as shown.



Step 22

Installing Clearview Lower Access Panels in the Mirror Heads RH side only shown

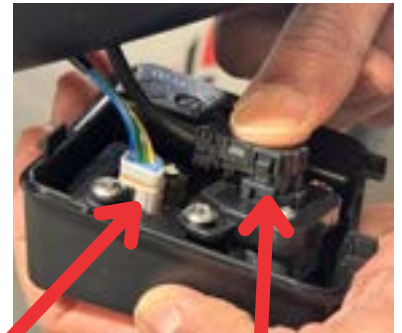
**RH side
only shown**

Lower
access panel
locking/secu
ring clips **(7)**



Lower access
panel locating
tabs **(6)**

RH Lower access panel
with camera attached



Sensor Connector

Camera Connector



With 'OEM' camera and Sensor secured to the lower access panel – begin with right hand side mirror head.

1. Locate the camera wiring plug immediately inside the mirror head.
2. Connect this wiring plug to the mating plug on the camera wiring lead.
3. Ensure the 2 mating plugs are completely connected.
4. As you position the lower access panel to the mirror head, allow the wiring to fit into the mirror head opening.
5. Ensure that the wiring is not trapped or interfering with the fitment of the lower access panel.
6. Position the lower access panel 2 locating tabs into the slots in the mirror head opening. These slots are on the outside of the mirror head.
7. Now pivot the inner side of the lower access panel up until the locking clips are in contact with the mirror head opening.
8. Apply localised pressure to this edge of the lower access panel until the locking clips snap into position.
9. The lower access panel/camera assembly is now in position.
10. You are now ready to test alignment of camera.

TIP: DO NOT mix up the 360° cameras when removing them from the OEM mirror.

- **LEFT Camera** installed in the LEFT-HAND SIDE (LHS) Clearview Towing Mirror; AND
- **RIGHT Camera** installed in the RIGHT-HAND SIDE (RHS) Clearview Towing Mirror.

Step 23

Check Towing Mirror Functions

- **If you previously disconnected the battery, you can now reconnect it.**
- Turn ignition on and operate the mirror function of Towing Mirror based on features available in vehicle.
- Electric Mirror glass movement
- Mirror Head Turn Signals
- Blind Spot Monitoring
- Mirror Glass Heaters and
- Mirror Head Curtesy Lights
- Power Fold of Mirror Head
- Memory
- 360° Camera

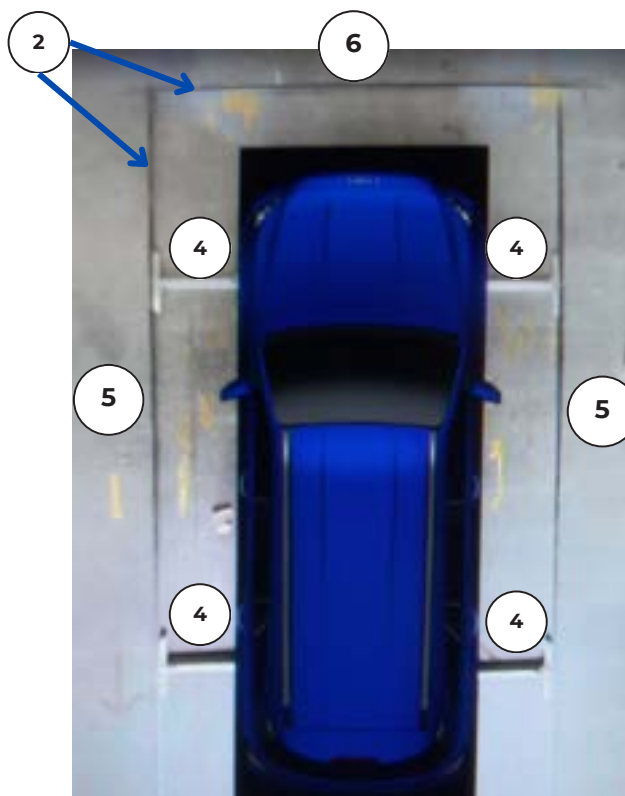


Step 24

Check and Adjust 360° Camera Alignment on Vehicles

Preparation for testing:

1. Park the vehicle on a flat, clear surface.
2. Use masking tape or an aluminium square bar (30 mm - Sq bar) for alignment.
3. Ensure a minimum of 1 metre of clear space on each side of the vehicle.
4. Place two horizontal bars or masking tape lines on the floor, positioned equally 500 or 600 mm outward from the centre of the front and rear wheel hubs.
5. Position the Aluminium Sq. bar or Masking tape 90° to horizontal bar and run it approximately the full length of the vehicle.
6. Position a horizontal bar or masking tape line across the top, positioned at 90° to the vertical lines.
7. Ensure all bars/masking tape are 30 mm wide so they are clearly visible on the vehicle's 360° camera display.
8. Refer to the vehicle owner's manual for instructions on accessing the 360° camera screen.



2 Vertical bars OR Masking Tape lines (marked 2) on floor approx. 600mm away from center of the wheel hub and 1 Horizontal bar/line at the Top.(marked 6)

Check and Adjust 360° Camera Alignment on Vehicles

View 360° camera alignment

1. Turn on vehicle 360° camera screen – refer to vehicle owner's manual.
2. With Clearview towing mirrors firmly attached and electrically connected to vehicle and lower access panel & camera assembly securely in position, close all vehicle doors fully.
3. Ensure that the mirror heads are fully retracted and in the drive position. Operate the mirror fold feature to ensure in drive position.
4. Whilst seated in the vehicle, view the 360° camera screen to check the alignment of the parallel lines on the floor surface – the black (Masking lines)
5. **You want to see these lines being parallel to the longitudinal lines of the vehicle – the yellow dotted lines, which comes when you move your gear to Reverse as shown.**
6. If the lines are not parallel, you may want to adjust the angle of the camera on the lower access panel until these line are parallel. Refer below for instructions on how to adjust the cameras.
7. Ensure the parallel lines are properly aligned to provide customers with an accurate view of the parking guidelines
8. Repeat above steps for the LH camera.



Tip: complete alignment on one side at a time. Open and close the respective door whilst viewing the lines on the screen. To determine if you need a clockwise or anti-clockwise adjustment.



Press Camera Button to view the 360° camera screen

OR

Park the gear in Reverse to see the parking lines alignment



WARNING

The 360° Camera from OEM has been relocated to CV Towing mirrors. So Parking Guidelines are approximate and might not be the same as OEM

Check and Adjust Camera Alignment on Vehicle

Adjust camera alignment on vehicles

1. Keep the Vehicle ON in running Position - In Park mode.
2. Remove lower access panel, with camera attached, by unclipping 2 Tabs from Mirror head (as highlighted below in yellow) (**PN : Do not detach the camera cable from camera**)
3. Unscrew the 2 attaching screws just enough to enable movement of the camera bracket assembly.
4. Maintain downward pressure on the camera bracket so that it does not move prior to your adjustment.
5. Adjust the camera alignment by rotating the camera bracket & camera assembly a small amount, either clockwise or anti-clockwise.
6. Re-secure the 2 attaching screws to hold the camera in the adjusted position.
7. Re-fit the lower access panel, with camera secured in adjusted position, into the mirror head as instructed earlier.
8. Check now the 360° View on the screen OR move the Gear in Reverse to check the alignment of the Parking lines parallel to the Masking tape/bars as per previous step no. 10 instructed in 'View Camera Alignment'/'
9. Repeat 'adjust' & 'view camera alignment' steps until you are satisfied with the alignment of the parallel lines on both the RH and LH side of the vehicle.

Adjust/rotate camera bracket assembly, either clockwise or anti-clockwise, to achieve required adjustment



2 x attaching screws to be unscrewed for camera alignment adjustment

Congratulations! You have now fully installed your new Clearview towing mirrors with 360° cameras.



WARNING

The 360° Camera from OEM has been relocated to CV Towing mirrors. So Parking Guildlines are approximate and might not be the same as OEM

Step 25

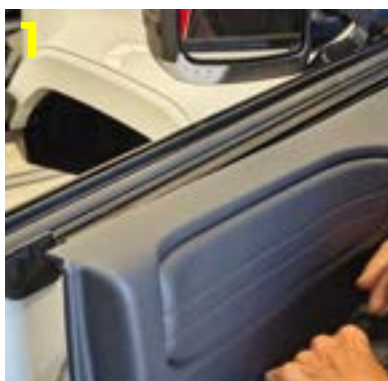
Refit Window Door Trim:

- Clip the Window Trim first by securing in position.



Step 26

Refit the Door Trims and Accessories



- Clip the Door Trim
- Re-fit the Lock Cap screw
- Re-fit the Door Trim Screws

Congratulations! You have now fully installed your new Clearview Towing Mirrors and are ready for your next adventure!

Maintaining Powder Coated Surfaces

Whilst powder coating is a lot more durable, and longer lasting than paint, it can still be affected by dust, dirt, salt water and constant exposure to the weather. For this reason, no protective powder coating is completely maintenance-free. With the right maintenance, you can increase the life of the finish of your powder-coated surfaces:

- Harsh chemicals and solvents can damage the powder coating. Once damaged, the surface is a lot more vulnerable to fading and failure.
- We recommend regularly inspecting your powder coat and wiping any dust off with a soft cloth. Clean, good-quality microfibre cloths are recommended.
- We recommend regular washing with highly diluted mild soap and water. Use a soft towel to gently clean. Rinse and dry with another soft drying towel/chamois.
- If your powder coat is losing its shine, you can apply a thin layer of high-grade non-abrasive car wax after it's been cleaned. Wipe all the wax off once it's dried and the powder coat should look like new again! Use a car wax brand that contains a UV blocker or UV inhibitors. Do not use compound-type waxes as they contain abrasives that can harm the powder coating.
- It's important in coastal areas to regularly clean any powder-coated surfaces as salt will stick to the coating, dulling its appearance. This can leave your powder-coated surface looking chalky.
- We don't recommend paint touch-ups to cover imperfections as paint won't adhere to powder-coated surfaces. A local professional can quote to repair the powder coating.

How do I maintain my Powerfold mirrors?

Under regular Powerfold operation, there shouldn't be any maintenance required, however, if it is regularly used off-road, then the mirrors may need to be maintained every 6-12 months.

- This maintenance involves pulling the mirror into the fully extended position and applying dry lubricant on the arms, not the arm covers.

Maintaining your Chrome Mirrors

The chrome finish used on our mirror heads is a chrome-plated plastic, which provides the appearance and feel of real chrome, in a more lightweight and cost-effective material. Weather conditions, how often they are washed and how close to the ocean you live, all play a role in the longevity of the chrome finish.

- Automatic car washes that use bristle brushes or acidic preparations can damage your chrome
- Salt and de-icers will surface pit chrome and extra care will be required with more frequent washes to remove residue.
- We recommend washing them weekly with mild soap and water, steering clear of ammonia-based or acid solutions.
- Clean, good-quality microfibre cloths are recommended to wipe down the chrome surface and prevent water stains from forming
- An occasional polish with a non-abrasive chrome polish will help bring your chrome back to its original shine!

NB: If chrome isn't properly maintained, it can develop pitting from corrosion or lose its attractive shine. We recommend **Autosol Metal Polish** and **Autosol Metal Life Saver**.

Can I install Clearview mirrors myself?

Yes! Depending on the complexity of the installation, Clearview mirrors are extremely easy to install and mount to the vehicle's original OEM mirror mounts. Depending on the vehicle's current mirror options, Clearview mirrors include plug and play wiring looms. Instructional videos are also available on our website (clearviewaccessories.com.au) in the "HOW TO" section. Clearview recommends that any installation requiring hard wiring be done by a licensed auto electrician.

What is the fitting time?

Depending on the complexity of the installation, a dealer should be able to install the mirrors in approximately 15 minutes per side of the vehicle. Installation requiring special fitting and/or hard wiring will require longer fitting times (eg: Camera and electric wiring kits). Note: The 70 Series mirrors with electrics are more complex and will take more time than a 'normal' vehicle fitting. Please contact Clearview mirrors if you have any questions about fitting or wiring.

Are the telescopic arms electric?

No. The telescopic arms are extended manually. Clearview Mirrors will only fold against the vehicle electronically provided we make that model in Power Fold.

Can I retrofit the original mirror base to the Next Gen or Compact mirrors?

No. The cost of converting the mirrors to suit the new models is not worth it. We recommend either selling your Original mirrors privately or through the "Pre-Loved" section (Within the "Shop" menu category) of our website and purchasing the new Next Gen or Compact mirrors brand new.

Can I add an indicator later if I didn't order the mirrors with an indicator?

Yes, you can. But it comes at a greater expense than if you were to order the mirrors with indicators. Installation to the mirror head will require longer time and more parts to dismantle.

Are spare parts available?

Yes. We have a list of spare parts for all our mirrors on our website. Our dealers also have a list of all our spare parts.. If you cannot find the parts that you require, please contact us or any of our dealers to assist you with your inquiry

How do I maintain my mirrors?

We recommend that Clearview Mirrors are lubricated every 6-12 months, when the arms feel stiff during use, or after any big trip to ensure longevity of your Clearview Towing Mirrors!

This maintenance includes pulling the mirror into the fully extended position and applying the dry lubricant on the arms. We recommend using WD-40 Specialist® Dry Lubricant



Avoid any waxy lubricants as they can attract dirt and grit.

**SCAN THE QR CODE
AND VIEW OUR VIDEO
DEMONSTRATING**

How to lubricate the arms
on Clearview Towing Mirrors



I have just installed my new Powerfold mirrors and the mirror heads appear 'loose'/floppy'.

After the mirrors are installed, they need to be cycled a few times. This will allow all the internal mechanisms to set and find the proper positions.

- If the mirror head is still loose/floppy after they're cycled, please contact Clearview Technical Support.

I have installed my Powerfold Mirrors and have noticed that the Passenger's side mirror is closer to the vehicle compared to the Driver's side; Is this normal?

This is entirely normal. In most vehicles, the mirror housings are angled differently between the driver's and passenger's sides.

- This is because when you sit in the car, the mirrors are positioned from/to the driver's position (which is off-centre), so generally, the passenger side mirrors are closer to the vehicle body to allow you to have the same field of vision in the mirror.

One of my Powerfold Mirrors folds/opens quicker than the other one; Is this normal?

Generally, the passenger mirror will fold/open quicker, as it is closer to the vehicle body and therefore travels a shorter distance compared to the driver's side mirror. See previous question in regards to why the mirrors are angled differently.

My mirrors have been knocked out of Driving Position; how do I fix it?

Press the powerfold switch once. This should initiate the powerfolding motors and the mirrors should start folding inwards. Wait until the mirrors are fully folded in and have stopped moving, then press the powerfold switch again. This should now bring your mirrors back out to normal driving position. Check and see if the mirrors are locked into position firmly. If the mirror is not returning to its normal position, please contact Clearview Technical Support.

***Note:** The Powerfold mirrors can fold manually, however the manual fold mechanism is only designed as a safety feature. Through the lifespan of the product, manual-folding will occur, such as people walking into them or accidentally bumping them. The internal mechanisms are designed to withstand this accidental manual folding during normal usage. It is not recommended for the mirrors to be manually folded constantly, as it will prematurely wear out the internal folding mechanisms and reduce the lifespan of the product.*

My mirror was knocked out of driving position. When I cycled them, there is a clicking sound and the mirror appears to have “jumped”; Are my mirrors damaged?

When the Powerfold mirror is being cycled to find its original driving position, it will 'jump' back into position and make an audible click sound when mechanisms realign. Once the mirrors have found the original position and have been cycled, check for looseness and mirror movement. If they feel firm, then the mirrors have not been damaged. If they still feel loose, please contact Clearview Technical Support.

Why don't my mirrors fold all the way in/out when I press the switch?

The circuit breaker inside the mirror activates when the electrical current increases due to resistance. If the mirror stops before it reaches the folded in/out position, that means something is adding resistance while the mirrors are folding, hence activating the circuit breaker before it has reached the desired position. Please contact Clearview Technical Support.

Clearview Towing Mirrors® are full replacement towing mirrors designed and manufactured to the highest quality standards to replace your vehicle's standard side mirrors. We stand behind our Next Gen and Compact Towing Mirrors with a 3-year Manufacturer's Warranty and 7-year Parts Warranty. We stand behind our Original Towing Mirrors and Classic Towing Mirrors with a 12-Month Manufacturer's Warranty and 3-year Parts Warranty

Please ensure that your receipt is kept in a safe place. A receipt will be required to make a warranty claim on any Clearview product. If we determine that a Clearview Towing Mirror is defective in materials or workmanship during the Warranty, we will either repair or replace the product. Repair or replacement is solely at the discretion of Clearview Accessories.

Please ensure that you fit the Clearview products in accordance with the product information provided and all relevant vehicle safety and compliance laws; and use the Clearview product for the purpose for which it was originally designed. This warranty does not apply to failure or damage caused by incorrect or faulty fitment, accidental or intentional damage, alteration, acts of nature, vandalism, collision, road hazards or adverse conditions, misuse, abuse or neglect of the Clearview product, including improper repair or maintenance or failing to repair and maintain the product, failure of other products, operation of the product outside of its environmental or technical specifications, or repair or modification carried out by anyone other than Clearview Accessories®. No charges will be accepted for external labour or materials without the prior advice or clearance from Clearview claims team. Clearview Accessories® warranty does not cover any scratches or chips.

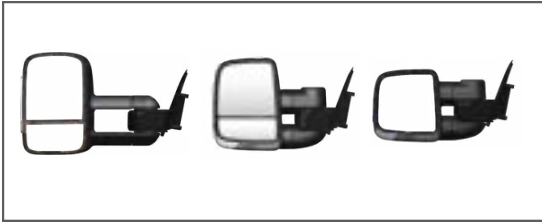
Clearview Towing Mirrors are designed to be vehicle-specific. When purchasing Clearview Towing Mirrors, carefully select your product according to ADR compliance laws and vehicle specifications. Clearview Towing Mirrors are not designed to be modified for convenient use on alternative vehicles. Alteration, modification, or manipulation of our products will void all warranty with Clearview Accessories.

All claims under this warranty should be lodged through our website warranty section <https://www.clearviewaccessories.com.au/about/warranty/> with the detail of the fault, proof of purchase, proof of identification and vehicle fitment details where relevant. If your claim is accepted for defects in material or workmanship Clearview will, at its discretion, offer to repair, replace parts, or return and refund.

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. In the event of a minor failure, the company reserves the right to choose to repair or replace the product.

Clearview Towing Mirrors® | ABN: 59 140 145 393 | 3 Frog Court, Craigieburn VIC 3064
Phone: (03) 8351 9933 | Email: info@clearviewaccessories.com.au

Towing Mirrors



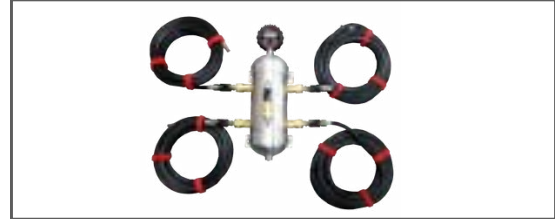
Power Boards & Swing Boards



Rock Tamers



Tyre Spider



Easy Slides



Power Slides



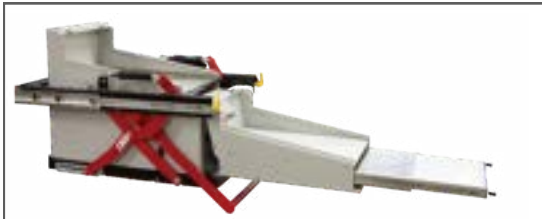
Expanda Slides



Fridge Cage



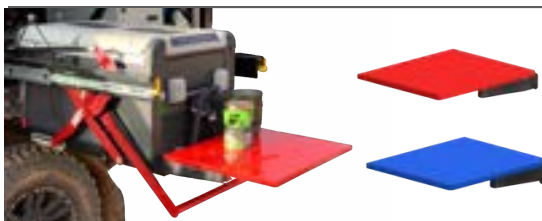
Pantry



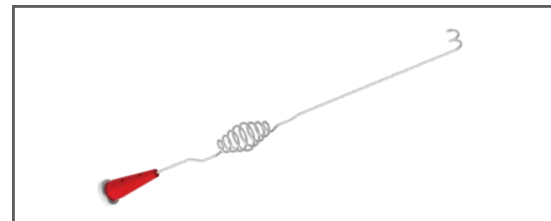
Cutlery Set



Clip on Trays



Cable Saver





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