



THE AUTO-FOLD MIRROR MODULE

TO SUIT

TOYOTA LAND CRUISER
70 SERIES

1984 - AUG 2023



AFM-TL70S-01

INSTALLATION GUIDE

Clearview Accessories

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VERSION 2.0

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

What's in the box



- 1 x Auto-Fold Module
 - '34039' - 70 Series adapter included.

**For demonstrative purposes only*

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:

- Non-marring Plastic Trim Removal Tool/s
- Pliers
- Side cutters/Diagonal pliers



This installation guide provides detailed instructions on how to install the auto-fold module into a vehicle that is already equipped with Clearview Towing Mirrors, specifically for upgrading the Auto-Fold Feature.

For detailed instructions on installing Clearview Towing Mirrors, please refer to https://www.clearviewaccessories.com.au/installation_instructions/

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.

**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.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled following local recycling 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 surface is used for accessory installation.
- Your vehicle maybe 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 synchronise.

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.

HOW DO I MAINTAIN MY POWERFOLD MIRRORS?

Under normal 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 12 months. This maintenance involves pulling the mirror into the fully extended position and applying dry lubricant on the arms.

Step 1

Remove and Unclip Dash Fascia Panel

Remove the lower driver's side fascia panel which contains the mirror fold button/switch panel by gently pulling outward on the edges behind the panel as shown either by hand, or by using a non-marring panel removing tool (Refer Fig.1).



Step 2

Prepare and layout wiring

Ensure the original Clearview Powerfold button is wired to 'ACC' or 'ON'.

- Unplug the folding mirror electrical plug and securely connect the supplied auto-fold wiring loom to the Clearview auto-fold control module.
- Join and connect relevant wires as demonstrated below (Refer Fig.2)

Join the **PINK 12V wire** to **RED wire**
Join the **GREEN wire** to **BLACK wire**
(Refer Fig. 2 and Fig. 3)

Locking BLACK wire
(Refer Fig. 4)

*For demonstrative purposes only

Connect to Clearview folding button

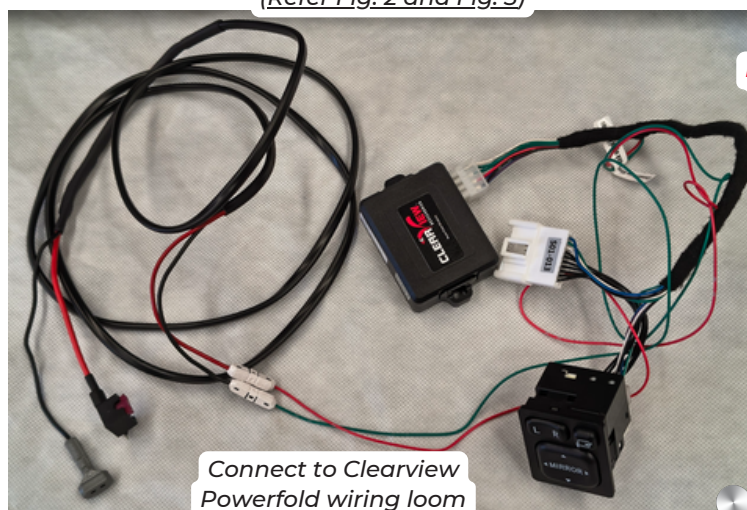


Figure 2 - Clearview Auto Folding Module wiring loom connecting diagram

Step 3

Route and Connect Auto-Fold Module and Wiring

Join the **PINK 12V wire** to **RED wire**; and join the **GREEN wire** to **BLACK wire** (Refer Fig. 2 and Fig. 3).

You can safely connect the Clearview auto-fold module connector to the rear of the mirror switch panel.

Route the other end of the loom down to the Passenger side fuse box (Refer Fig. 3 and Fig. 4).

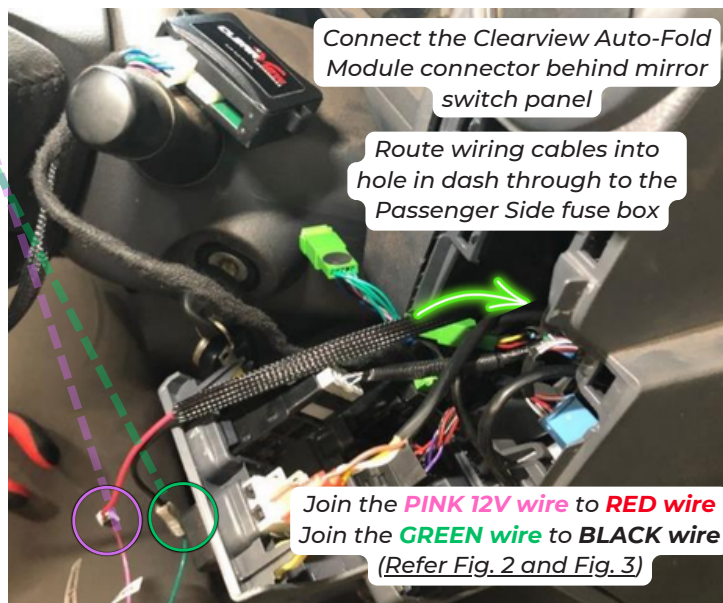


Figure 3 - Clearview Auto Folding Module wiring loom

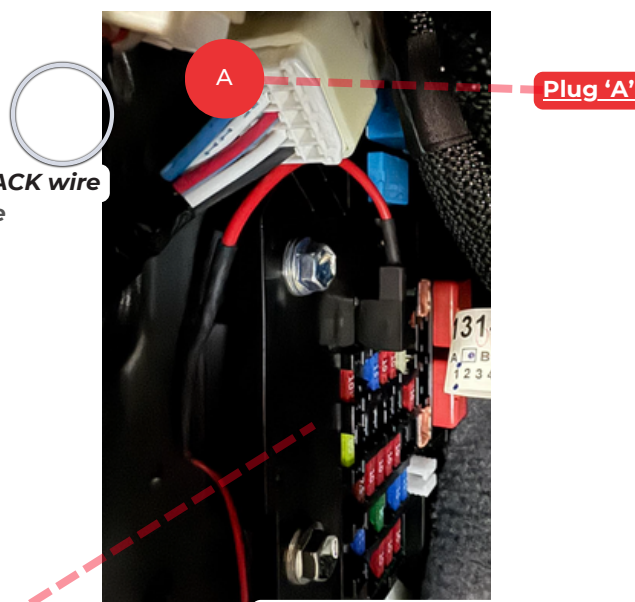
Attach **Locking BLACK wire** to the **GREY wire** in **Plug 'A'** as shown below.

Join the **Locking BLACK wire** to **GREY wire**

- Plug 'A'** is located above the passenger-side fuse box.

Put the **RED fuse tap** into the **7.5A OBD2 fuse** in the Passenger side fuse box (Refer Fig. 4 and Fig. 5).

- Use cable ties to secure the Auto-Fold Module and tidy up wiring etc.



Tap the **RED fuse tap** to the **7.5A OBD2 fuse**

Figure 4 - Passenger-side fuse box

Located in Passenger-side (Left) lower kick panel area

Location of **RED fuse tap** into **7.5A OBD2 fuse** (Refer Fig. 4 and Fig. 5).

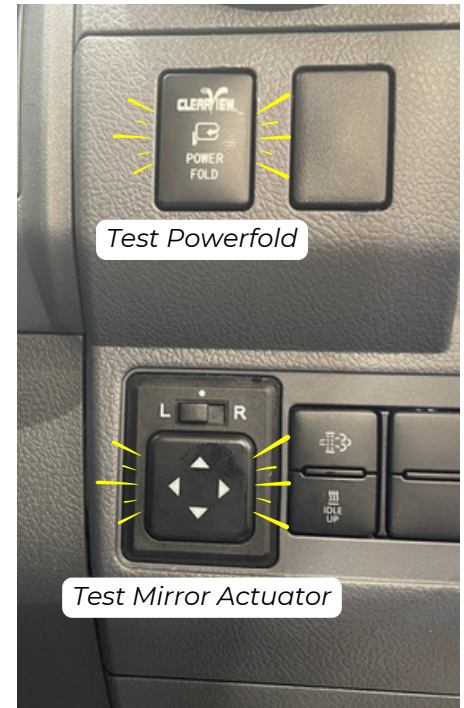
注意 NOTICE 指定のヒューズ以外は使用しないでください。 USE THE DESIGNATED FUSES ONLY. UTILISEZ SEULEMENT LES FUSIBLES DESIGNES. 只能使用指定的保險絲。

10A A/C	10A FR FOG	15A FUEL HTR	30A WIPER FR	30A DIFF	30A POWER
10A SPARE	15A RADIO	10A ECU-B	10A DOME NO.1	SHORT PIN	10A INJ
20A SPARE	20A DCU NO.2	20A DCU NO.1	10A H/LP LO RH	10A H/LP HI RH	30A TRAILER
7.5A ST	10A H/LP LO RH	10A H/LP LO LH	10A H/LP HI LH	15A TRAILER STOP	15A STOP
15A PI/OUTLET	20A DEFOG	30A STOP	10A EFI-NO.2	10A STOP-NO.2	10A EDU2
6 0 3 0 0	10A	10A	10A	10A	10A EDU1

Figure 5 - Passenger side fuse box diagram

Step 4 Operation and Testing

Test operation and return any dash or trim panels back into their original position.



Begin testing to ensure that your Clearview Auto Fold functions are operating correctly.

- Test by locking and unlocking the vehicle using the remote central locking, or by key.
- Test your mirror functionality to ensure they work accordingly UP, DOWN, LEFT, RIGHT etc.
- Test Powerfold IN, OUT etc.



Congratulations! You have now fully installed your new Clearview Auto-Fold Mirror Module and are ready for your next adventure!