

# Quick Start Guide:

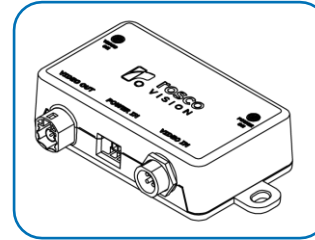
## DV609 Video Converter KIT

### Pre-Installation Checklist

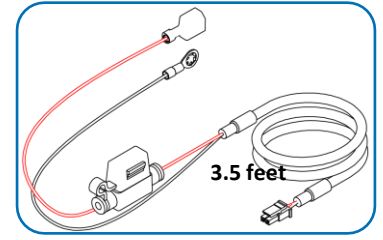
- The following are needed for the installation:
  - DV609 Kit
    - DV607 Module
    - DV607PHAR
    - DV610
    - TIE1001
  - TOOLS1081 (Torx wrench)
  - DV608 (SIM/SD side cover)

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- DV610 - for replacement only
  - DV676
  - SWI6027



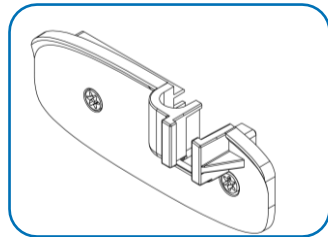
DV607 MODULE



DV607PHAR  
(POWER HARNESS)

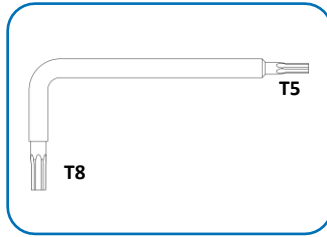


TIE1001  
(2x ZIP TIES FOR SECURING HARNESSES. CHECK 3b)



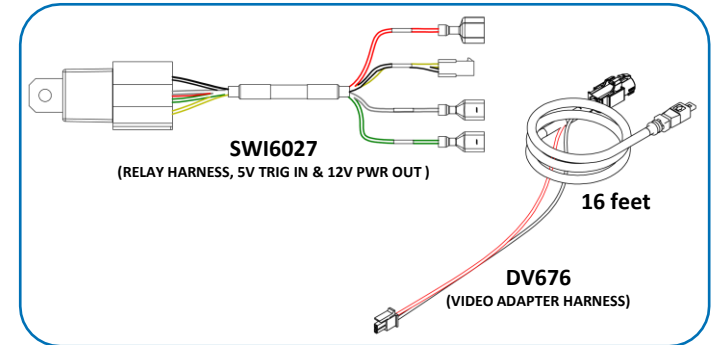
DV608

(DV6 SD/SIM SIDE COVER, REPLACEMENT REQUIRED FOR DV6 BATCHES RELEASED PRIOR TO WEEK 46/2022)



TOOL1081

(T5/T8 TORX WRENCH PROVIDED W/ DV6)



SWI6027  
(RELAY HARNESS, 5V TRIG IN & 12V PWR OUT)

DV610  
(RELAY HARNESS KIT)

## 1. OPENING THE DV6:

- a. Use the provided TOOL1081 (T8) from DV6 box to remove SD/SIM side cover from the DV6. **Note: If you still have the old side cover [FIG. A], the replacement for a new side cover DV608 is needed [FIG. B]**
- b. Peel off black sticker on the VX cover to reveal T5 screw. [FIG. C]
- c. Use TOOL1081 (T5) to loosen the screw and remove the VX cover completely. [FIG. D]

## 2. CONNECTING DV607 HSD HARNESS WITH DV6:

- a. Place mini-USB connector of DV676 cable on SD/SIM side cover slot. [FIG. E] Press mini-USB connector all the way down to the bottom of slot and make sure the white arrow is facing up.
- b. Insert the mini-USB connector with the SD/SIM side cover into VX port of DV6. [FIG. F & FIG. G] **Note: Make sure the mini-USB connection is secure in the VX port before closing the side cover. [FIG. H]**
- c. Completely close the SD/SIM side cover with power harness up. [FIG. J]



FIG. A  
Old SD/SIM Side Cover

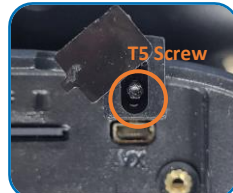


FIG. C



FIG. E



FIG. F



FIG. G



FIG. B  
New SD/SIM Side Cover (DV608)



FIG. D



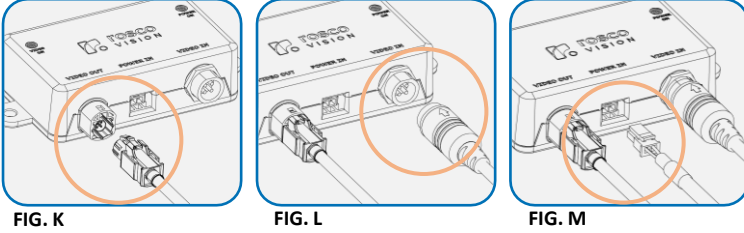
FIG. H



FIG. J

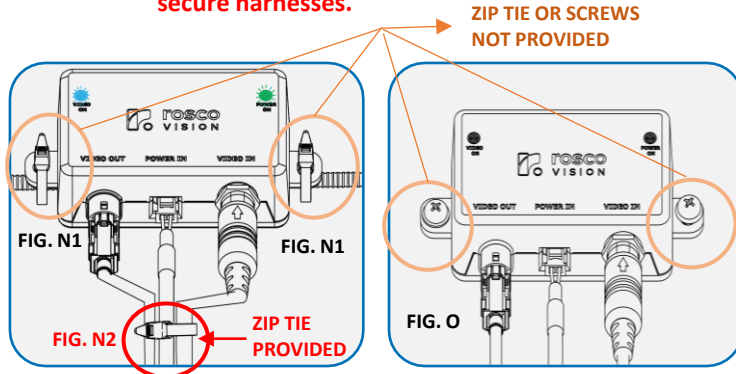
### 3a. PREPARATION & ROUTING HARNESSSES

- Loosen panels necessary to run harnesses from Camera and DV6 TO DV607.
- Find a location for DV607 in the vehicle.
- Route DV676 harness from DV6 to DV607, then connect HSD connector to DV607 video out. **[FIG. K]**
- Connect 4-Pin video input connector to DV607 **[FIG. L]**
- Connect 2-Pin connector of DV607PHAR power harness to DV607 **[FIG. M]**



### 3b. MOUNTING DV607 WITH ZIP TIE OR #10 SCREWS (NOT INCLUDED) AND SECURING HARNESSSES WITH ZIP TIES (PROVIDED –TIE1001)

- After all harnesses are connected and secured on DV607, find an available cables or surfaces to mount DV607 with zip ties **[FIG. N1]** or #10 screws. **[FIG. O]**
- Use provided zip ties as shown in **[FIG.N2]** to secure harnesses.



### 4. DV607 POWER WIRING W/ RELAY HARNESS (SWI6027)

- Connect 2-Pin female connector of DV676 to 2-Pin male connector of SWI6027. **[FIG. T]**
- Find the vehicle power(BATT) wire. Install provided TTAP connector from SWI6027 (Red:22-18 AWG, Blue:16-14 AWG, Yellow:12 AWG) on power wire with plier. **[FIG. R]**
- Connect a spade connector of SWI6027 power wire to the TTAP on the vehicle power wire. **[FIG. S]**
- Connect white wire of SWI6027 to power wire of DV607PHAR. **[FIG. T]**

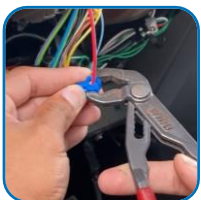
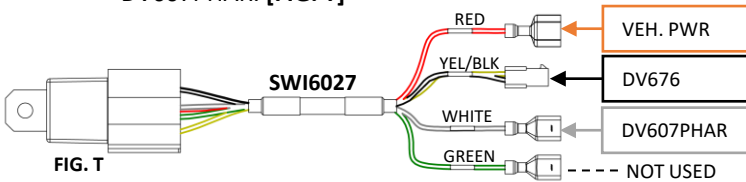


FIG. R

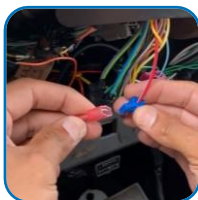


FIG. S

### 5. POWER UP DV6 AND CHECK LED STATUS

- Start the vehicle ignition to power up DV6 and DV607
- Check LED status on DV6 and make sure **green** LED is solid. **[FIG. P]**
- Check LED status on DV607 and make sure both **green** LED and **blue** LED are solid. **[FIG. Q]**

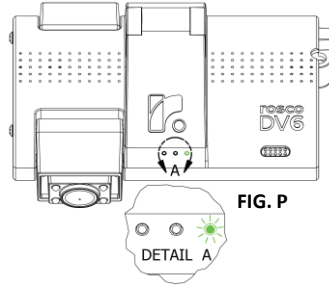


FIG. P

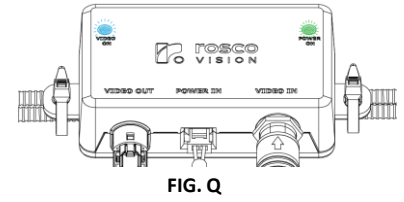


FIG. Q

### 6. ENABLE CHANNEL 3

- Channel 3 is enabled via Installer App. Check and confirm Channel 3 images after it's installed. **[FIG. U]** or **[FIG. V]**

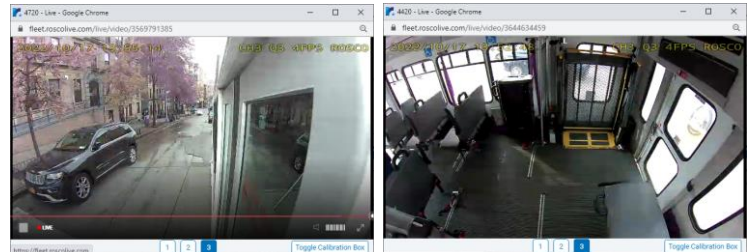


FIG. U (Mounted as a side-camera)

FIG. V (Mounted camera internally)

### 7. SECURE THE CONNECTION (MOUNT SIDE COVER: DV608)

- Tighten two side cover screws using provided torx wrench (T8). **[FIG. W]**

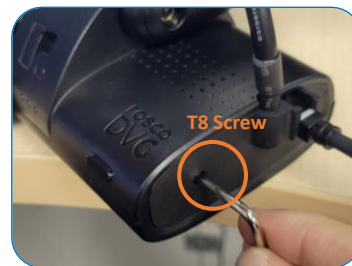


FIG. W

For additional help with installation, please contact Rosco Support:

T: (718) 526-2601

E: [techsupport@roscovision.com](mailto:techsupport@roscovision.com)

W: [www.roscolive.com](http://www.roscolive.com)