

# RYDEEN MOBILE

## Model: MNSYNC Installation Instructions

This kit allows for replacement of the OE SYNC equipped mirror with built-in microphone with a RYDEEN Navigation/Backup Video Rearview Mirror, and still allows for full function of the SYNC system in the vehicle. Note: Requires RYDEEN Backup Camera for Backup Video.

Step 1) Test the original mirror for proper SYNC functions prior to removal (see car owner's manual for specific instructions).

Step 2) With the ignition switch in the Off position disconnect and remove the existing mirror.

Step 3) Locate the correct location of the vehicle in which to make your microphone connections (in most cases the connection is not made at the mirror connection, it is mainly at the A pillar (see supplement guide for vehicle specific instructions).

Step 4) Connect all 5 wires of the microphone replacement kit as follows:

Yellow	X1	MIC +
Blue	X1	12V +
Black	X3	Ground

Note: All three black wires are identical and are joined together inside the harness.

Connecting techniques:

RYDEEN recommends that you DO NOT cut any wires. Instead it is best that you use either the "strip and splice" method or T-tap connectors to make your connections. When making your connections, especially with T-taps, make sure to test fit any panels which will need to be reinstalled on the vehicle.

Strip and Splice: This method requires the following steps *and is recommended for best results*.

- A) Strip back a small portion of the insulation from the wire.
- B) Using a small wire pick separate the exposed wire into two groups.
- C) Insert the corresponding wire from the kit through the center as if you were threading a needle.
- D) Twist the excess wire around the exposed area tightly and wrap with electrical tape.
- E) Use a Tie Wrap/Zip Tie to secure your connection by placing it over the taped portion of the wire where the junction was made.

Using T-tap connectors:

Be sure to use red T-tap connectors as all the wires that you will be attaching to are of small gauge and anything larger will create false contacts which will not allow the SYNC system to function properly.

Step 5) Using the supplied adhesive tape mount the microphone to the overhead console. Then route the cable that is attached to the microphone to the location where you made your connections and attach to the harness.

Step 6) Prior to vehicle assembly test your microphone by following the same steps from your test sequence in step # 1. Once all test well proceed with new mirror installation and assemble vehicle.

QUESTIONS? CALL Rydeen Mobile Tech Support: 877-777-8811 Mon – Fri 9AM-5PM Pacific Time,  
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