

## **STEREO REPLACEMENT & CAN-BUS STEERING WHEEL CONTROL INTERFACE FOR 2014-UP MINI COOPER STEREOS**

This LBW20 allows you to replace your factory OEM stereo while retaining factory steering wheel controls if vehicle is equipped



DESIGNED & ENGINEERED IN U.K  
CUSTOM MANUFACTURED IN CHINA

### **APPLICATION GUIDE**

#### **BMW:**

#### **2014-UP MINI COOPER (F56)**

For Vehicles with Fakra (16 Pin) Connector

### **FEATURES**

#### **RETAINS:**

- **Steering Wheel Controls** (if equipped)
- **OEM Phone Buttons** (if equipped)

### **LIABILITY DISCLAIMER**

This LBW20 instruction manual is based on carefully documented data and research. Scosche Industries Inc. cannot be held responsible for discrepancies/inconsistencies that may occur due to the vehicle manufacturing changes or options, or damages that may occur in the vehicle during the installation of components while using this manual.

If you have any further questions, call our toll-free technical help line at: 1-800-363-4490 x1

## WIRING COLOR CODES

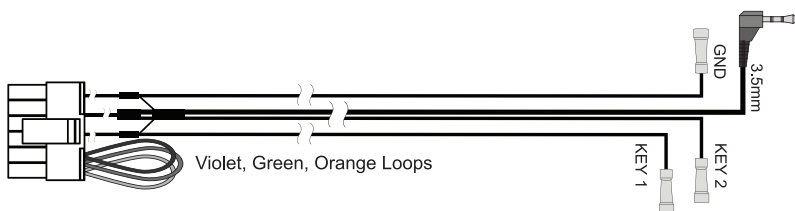
White=	Left Front Positive (LF+)	Gray=	Right Front Positive (RF+)
White/Black=	Left Front Negative (LF-)	Gray/Black=	Right Front Negative (RF-)
Green=	Left Rear Positive (LR+)	Violet=	Right Rear Positive (RR+)
Green/Black=	Left Rear Negative (LR-)	Violet/Black=	Right Rear Negative (RR-)
Black=	Chassis Ground	Orange=	Illumination
Yellow=	+12V Constant Power		
Red=	+12V Accessory		
Blue=	+12V Power Antenna (Remote Out)		

### NAVIGATION CONNECTIONS:

<b>Pink</b>	= VSS Vehicle speed pulse signal
<b>Lt. Green</b>	= Parking Brake trigger (-12V when park brake ON)
<b>Purple/White</b>	= Reverse signal
<b>White</b>	= Phone mute
<b>Yellow</b>	= +12V constant power

**NOTE:** The **RED** accessory output wire from the **LBW20** interface is rated at 10A Max output for most aftermarket head units. **We do NOT** recommend connecting additional +12A switched accessories to this output source as that may cause damage to the LBW20 module itself. If 10A output is not sufficient, then a relay is needed. **(Relay not included)**

## STEERING WHEEL WIRING CODES



1. Prepare SWC steering wheel connector harness by using the chart below
2. Connect the harness to the interface module.
3. For Alpine, Clarion, JVC, Panasonic and Sony car stereos, connect the 3.5mm male steering plug into the steering wheel input jack at the back of the stereo.
4. For Kenwood and newer JVC stereos, connect the **BROWN** wire from the steering wheel harness to the **"Remote in"** wire at the back of the stereo.

STEREO BRAND	CONFIGURATION	CONNECTION TO STEREO
ALIPNE	Cut Green Loop	3.5mm
CLARION	Cut Violet Loop	3.5mm
JVC	Cut Green & Violet Loop	3.5mm or Brown (Key1)
KENWOOD	Cut Orange & Green	Brown (Key 1)
PANASONIC	Cut Orange	Brown (Key 1)
PIONEER / SONY	Do Not Cut Loops	3.5mm
OTHER BRANDS	Call Tech Support	Brown, Gray, Black

**TECH  
SUPPORT**



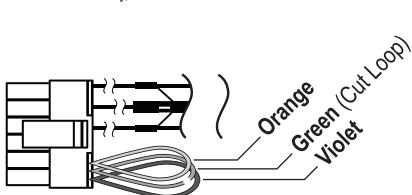
If you have any questions or need technical assistance with the installation, or the most current application please call or visit us on the web at:

**(800) 363-4490 x1 | [www.scosche.com/contact](http://www.scosche.com/contact)**

# SWC WIRING HARNESS

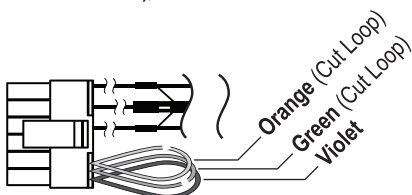
## Alpine Sample 1

NOTE: Cut wire only, do NOT remove



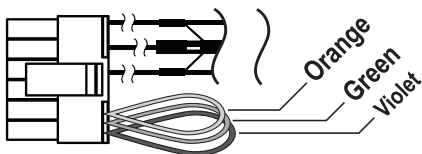
## Kenwood Sample 2

NOTE: Cut wire only, do NOT remove

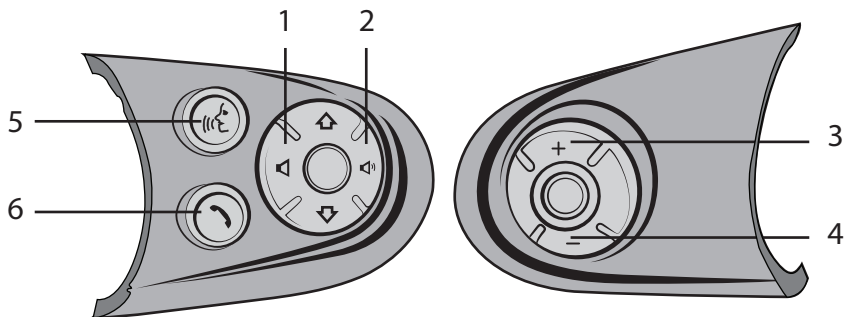


## Pioneer / Sony Sample 3

NOTE: Do NOT cut or remove wires



# STEERING WHEEL CONTROLS



- 1. Volume -
- 2. Volume +
- 3. Track +

- 4. Track -
- 5. Mute
- 6. Short Press - Pick Up  
Long Press - Hang Up

Detach this page for customer use

# LBW20 WIRING DIAGRAM

## AFTERMARKET RADIO

STEREO BRAND	CONFIGURATION	CONNECTION TO STEREO
ALPINE	Cut Green Loop	3.5mm
CLARION	Cut Violet Loop	3.5mm
JVC	Cut Green & Violet Loop	3.5mm or Brown (Key 1)
KENWOOD	Cut Orange & Green	Brown (Key 1)
PANASONIC	Cut Orange	Brown (Key 1)
PIONEER / SONY	Do Not Cut Loops	3.5mm
OTHER BRANDS	Call Tech Support	Brown, Gray, Black

