

# Specifications

Model Year 2014	CHIEF / CHIEFTAIN
<b>Drive System</b>	
Primary Drive	Gear Drive Wet Clutch
Crank Gear	55 Teeth
Clutch Gear	86 Teeth
Clutch Type	Wet, Multi-Plate
Primary Reduction Ratio	1.564:1
Transmission Type	6 Speed/Constant Mesh/Foot Shift
1st Gear Ratio	2.733:1
2nd Gear Ratio	1.864:1
3rd Gear Ratio	1.385:1
4th Gear Ratio	1.103:1
5th Gear Ratio	0.943:1
6th Gear Ratio	0.811:1
Gear Shift Pattern	1 Down/5 Up
Final Drive Type	Belt Drive, 152-Tooth
Transmission	30-Tooth
Rear Wheel	66-Tooth
Ratio	2.2:1
Overall Gear Ratio	
1st Gear	9.403:1
2nd Gear	6.411:1
3rd Gear	4.763:1
4th Gear	3.796:1
5th Gear	3.243:1
6th Gear	2.789:1

# Specifications

Model Year 2014	CHIEF	CHIEFTAIN
<b>Wheels And Tires</b>		
Front Wheel Size/Type	3.5 in. x 16 in. 40 Spoke	3.5 in. x 16 in. Cast Aluminum
Rear Wheel Size/Type	5 in. x 16 in. 40 Spoke	5 in. x 16 in. Cast Aluminum
Front Tire Type/Size	White 130/90-B16 67H American Elite	Black 130/90-B16 73H Dunlop Elite 3
Rear Tire Type/Size	White 180/65-B16 81H American Elite	Black 180/60-R16 80H Dunlop Elite 3
<b>Electrical</b>		
Alternator	710W @ 2000 RPM	
Battery	12 volt, 20 amp/hour, 330 CCA (cold cranking amps) Sealed Glass Mat	
Power Points	Front - 10 amp maximum Rear - 10 amp maximum (Combined - 10 amp maximum)	
Voltage Regulator	14.4 volts/42 amp	
Lamps (all bulbs are 12 volt)		
Headlight	H4 12V 60/55W LL	
Auxiliary Light	H8 35W (35W)	
Tail/Brake Light	Non-serviceable LED	
Turn Signal	Non-serviceable LED	
License Plate	Non-Serviceable LED	
Front Fender Light	Non-Serviceable LED	
Speedometer	Non-Serviceable LED	
Indicator Lights	Non-Serviceable LED	

## Specifications

### Fuel Recommendation

For best performance, use only unleaded gasoline with a 91 pump octane minimum (R+M/2 Method). DO NOT USE E-85 GASOLINE OR GASOLINE CONTAINING METHANOL. Using E85 or gasoline/methanol blends can result in poor starting and driveability, engine damage and damage to critical fuel system components.

- *Gasoline containing up to 15% Ethanol can be used.*
- *Gasoline containing up to 15% Methyl Tertiary Butyl Ether (MTBE) can be used.*

In the event that the recommended premium unleaded gasoline is not available and low octane fuel must be used, fill the fuel tank only partially with unleaded regular gasoline, then fill the tank fully with premium unleaded gasoline as soon as possible.

### Engine Oil Recommendation

We recommend the use of INDIAN MOTORCYCLE Premium Synthetic Blend 20W-40 Engine Oil for your motorcycle. This oil is formulated with synthetic-based oil and premium engine additive which have physical properties that meet API SM and ILSAC GF-4 specifications.

**Do not blend oil additives with engine oil.**

If oil must be added in an emergency and the recommended oil is not available, choose only a high-quality 20W-40 motorcycle oil. Change back to the recommended oil at the first opportunity.

**NOTICE:** *Use of non-recommended lubricants can result in engine damage. Damage resulting from the use of non-recommended lubricants is not covered by warranty.*

### Fork Oil

We recommend the use of INDIAN MOTORCYCLE Fork Oil for your motorcycle.

### Brake Fluid

We recommend the use of INDIAN MOTORCYCLE DOT 4 Brake Fluid for both brake master cylinders. *DO NOT use DOT 5 silicone fluid.*

## **Identification Number Record**

**Record important identification numbers below.**

Vehicle Identification Number (VIN) (see page 17)	
Engine Identification Number (see page 20)	

## **Warranty**

### **INDIAN MOTORCYCLE Warranty Policy**

#### **LIMITED WARRANTY**

Indian Motorcycle Company, 2100 Highway 55, Medina, MN 55340 (INDIAN MOTORCYCLE) gives a ONE YEAR LIMITED WARRANTY on all components of your INDIAN motorcycle against defects in material or workmanship. This warranty covers parts and labor charges for repair or replacement of defective parts and begins on the date of purchase by the original retail purchaser. This warranty is transferable to another owner during the warranty period through an INDIAN MOTORCYCLE dealer, but any such transfer will not extend the original term of the warranty. The duration of this warranty may vary by international region based upon local laws and regulations.

#### **EXTENDED SERVICE CONTRACT (ESC) NOT PART OF LIMITED WARRANTY**

INDIAN MOTORCYCLE provides the original retail purchaser of this INDIAN motorcycle with a 5 year extended service contract (ESC) that begins at the time of registration. The ESC is separate from, has different terms and coverage, is not a part of, and has no effect on the terms, coverage, or duration of this Limited Warranty. Please review those terms and conditions for information regarding the ESC. In some circumstances, the ESC may not be transferred to a used or second-hand purchaser of this INDIAN motorcycle. INDIAN MOTORCYCLE makes no representations and disclaims all liability regarding the availability or transferability of the ESC to a used or second-hand purchaser.

#### **REGISTRATION**

At the time of sale, the Warranty Registration Form must be completed by your dealer and submitted to INDIAN MOTORCYCLE within ten days of purchase. Upon receipt of this registration, INDIAN MOTORCYCLE will record the registration for warranty. No verification of registration will be sent to the purchaser as the copy of the Warranty Registration Form will be your proof of warranty coverage. If you have not signed the original registration and received the customer copy, please contact your dealer immediately. NO WARRANTY COVERAGE WILL BE ALLOWED UNLESS YOUR MOTORCYCLE IS REGISTERED WITH INDIAN MOTORCYCLE. Initial dealer preparation and set-up of your motorcycle is very important in ensuring trouble-free operation. Purchasing a vehicle in the crate or without proper dealer set-up will void your warranty coverage.

## **INDIAN MOTORCYCLE Warranty Policy**

### **WARRANTY COVERAGE AND EXCLUSIONS:**

#### **LIMITATIONS OF WARRANTIES AND REMEDIES**

This INDIAN MOTORCYCLE limited warranty excludes any failures that are not caused by a defect in material or workmanship. THIS WARRANTY DOES NOT COVER CLAIMS OF DEFECTIVE DESIGN. This warranty also does not cover acts of God, accidental damage, normal wear and tear, abuse or improper handling. This warranty also does not cover any motorcycle, component, or part that has been altered structurally, modified, neglected, improperly maintained, or used for purposes other than for which it was designed.

This warranty excludes damages or failures resulting from: improper lubrication; improper engine timing; improper fuel; surface imperfections caused by external stress, heat, cold or contamination; operator error or abuse; improper component alignment, tension, adjustment or altitude compensation; snow, water, dirt or other foreign substance ingestion/contamination; improper maintenance; modified components; use of aftermarket or unapproved components, accessories, or attachments; unauthorized repairs; or repairs made after the warranty period expires or by an unauthorized repair center.

This warranty excludes damages or failures caused by abuse, accident, fire, or any other cause other than a defect in materials or workmanship and provides no coverage for consumable components, general wear items, or any parts exposed to friction surfaces, stresses, environmental conditions and/or contamination for which they were not designed or not intended, including but not limited to the following items:

- Wheels and tires
- Suspension components
- Brake components
- Seat components
- Clutches and components
- Steering components
- Batteries
- Light bulbs/Sealed beam lamps
- Filters
- Lubricants
- Bushings
- Sealants
- Coolants
- Bearings
- Finished and unfinished surfaces
- Fuel Injectors/Throttle body components
- Engine components
- Drive belts
- Hydraulic components and fluids
- Circuit breakers/Fuses
- Electronic components
- Spark plugs

## **Warranty**

### **INDIAN MOTORCYCLE Warranty Policy**

#### **LUBRICANTS AND FLUIDS**

1. Mixing oil brands or using non-recommended oil may cause engine damage. We recommend the use of INDIAN MOTORCYCLE engine oil.
2. Damage or failure resulting from the use of non-recommended lubricants or fluids is not covered by this warranty.

This warranty provides no coverage for personal loss or expense, including mileage, transportation costs, hotels, meals, shipping or handling fees, motorcycle pick-up or delivery, replacement rentals, loss of vehicle use, loss of profits, or loss of vacation or personal time.

**THE EXCLUSIVE REMEDY FOR BREACH OF THIS WARRANTY SHALL BE, AT INDIAN MOTORCYCLE'S OPTION, REPAIR OR REPLACEMENT OF ANY DEFECTIVE MATERIALS, COMPONENTS, OR PRODUCTS. THE REMEDIES SET FORTH IN THIS WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON FOR BREACH OF THIS WARRANTY. INDIAN MOTORCYCLE SHALL HAVE NO LIABILITY TO ANY PERSON FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY DESCRIPTION, WHETHER ARISING OUT OF EXPRESS OR IMPLIED WARRANTY OR ANY OTHER CONTRACT, NEGLIGENCE, OR OTHER TORT OR OTHERWISE. THIS EXCLUSION OF CONSEQUENTIAL, INCIDENTAL, AND SPECIAL DAMAGES IS INDEPENDENT FROM AND SHALL SURVIVE ANY FINDING THAT THE EXCLUSIVE REMEDY FAILED OF ITS ESSENTIAL PURPOSE.**

**THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS EXCLUDED FROM THIS LIMITED WARRANTY. ALL OTHER IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY) ARE LIMITED IN DURATION TO THE ABOVE 12 MONTH WARRANTY PERIOD. INDIAN MOTORCYCLE DISCLAIMS ALL EXPRESS WARRANTIES NOT STATED IN THIS WARRANTY. SOME STATES DO NOT PERMIT THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU IF INCONSISTENT WITH CONTROLLING STATE LAW.**

## INDIAN MOTORCYCLE Warranty Policy

### HOW TO OBTAIN WARRANTY SERVICE

If your motorcycle requires warranty service, you must take it to an INDIAN MOTORCYCLE Servicing Dealer. When requesting warranty service you must present your copy of the Warranty Registration Form to the dealer. (THE COST OF TRANSPORTATION TO AND FROM THE DEALER IS YOUR RESPONSIBILITY). INDIAN MOTORCYCLE suggests that you use your original selling dealer; however, you may use any INDIAN MOTORCYCLE Servicing Dealer to perform warranty service.

*In the Country where your motorcycle was purchased:*

Warranty or Service Bulletin repairs must be done by an authorized INDIAN MOTORCYCLE dealer. If you move or are traveling within the country where your motorcycle was purchased, Warranty and Service Bulletin repairs may be requested from any authorized INDIAN MOTORCYCLE dealer.

*Outside the Country where your motorcycle was purchased:*

If you are traveling temporarily outside the country where your motorcycle was purchased, you should take your motorcycle to an authorized INDIAN MOTORCYCLE dealer. You must show the dealer photo identification from the country of the selling dealer's authorized location as proof of residence. Upon residence verification, the servicing dealer will be authorized to perform the warranty repair.

*If you move:*

If you move to another country, be sure to contact INDIAN MOTORCYCLE Customer Assistance and the customs department of the destination country before you move. Vehicle importation rules vary considerably from country to country. You may be required to present documentation of your move to INDIAN MOTORCYCLE in order to continue your warranty coverage. You may also be required to obtain documentation from INDIAN MOTORCYCLE in order to register your motorcycle in your new country. You should warranty register your motorcycle at a local INDIAN MOTORCYCLE dealer in your new country immediately after you move to continue your warranty coverage and to ensure that you receive information and notices regarding your motorcycle.

*If you purchase from a private party:*

If you purchase an INDIAN motorcycle from a private party, to be kept and used outside of the country in which the motorcycle was originally purchased, all warranty coverage will be denied. You must nonetheless register your motorcycle under your name and address with a local INDIAN MOTORCYCLE dealer in your country to ensure that you receive safety information and notices regarding your motorcycle.

## **Warranty**

### **INDIAN MOTORCYCLE Warranty Policy**

#### **EXPORTED VEHICLES**

EXCEPT WHERE SPECIFICALLY REQUIRED BY LAW, THERE IS NO WARRANTY OR SERVICE BULLETIN COVERAGE ON THIS VEHICLE IF IT IS SOLD OUTSIDE THE COUNTRY OF THE SELLING DEALER'S AUTHORIZED LOCATION. This policy does not apply to vehicles that have received authorization for export from INDIAN MOTORCYCLE. Dealers may not give authorization for export. You should consult an authorized dealer to determine this vehicle's warranty or service coverage if you have any questions. This policy does not apply to vehicles registered to government officials or military personnel on assignment outside the country of the selling dealer's authorized location. This policy does not apply to Safety Bulletins.

#### **NOTICE**

If your vehicle is registered outside of the country where it was purchased and you have not followed the procedure set above, your vehicle will no longer be eligible for warranty or service bulletin coverage of any kind, other than safety bulletins. Vehicles registered to Government officials or military personnel on assignment outside of the country where the vehicle was purchased will continue to be covered by the Limited Warranty.

Please work with your dealer to resolve any warranty issues. Should your dealer require any additional assistance, they will contact the appropriate person at INDIAN MOTORCYCLE.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or in different countries. If any of the above terms are void because of federal, state, local law, all other warranty terms will remain in effect.

***For questions call INDIAN MOTORCYCLE Customer Assistance:***

United States & Canada: 1-877-204-3697

French: 1-800-268-6334

## **INDIAN MOTORCYCLE Warranty Policy**

### **Motorcycle Noise Regulation**

Tampering with noise control systems is prohibited. Federal law prohibits the following acts or causing thereof:

- *The removal or rendering inoperative by any person other than for the purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use, or*
- *The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.*

Among those acts presumed to constitute tampering are:

- *Removal or puncturing of the muffler, baffles, header pipes, or any other component which conducts exhaust gasses.*
- *Removal or puncturing of any part of the intake system.*
- *Lack of proper maintenance.*
- *Replacing any moving part of the vehicle, or parts of the exhaust system or intake system, with parts other than those specified by the manufacturer.*

This product should be checked for repair or replacement if the motorcycle noise has increased significantly through use. Otherwise, the owner may become subject to penalties under state and local ordinances.

### **Noise Emission Warranty**

INDIAN MOTORCYCLE warrants that this exhaust system, at the time of sale, meets all applicable U.S. EPA Federal noise standards. This warranty extends to the first person who buys this exhaust system for purposes other than resale, and to all subsequent buyers.

Warranty claims should be directed to:

- *An authorized INDIAN MOTORCYCLE dealer, or*
- *INDIAN MOTORCYCLE COMPANY, P.O. Box 47700, Hamel, MN 55340-9960*

## **Warranty**

### **Emissions Control System Warranty**

#### **INDIAN MOTORCYCLE COMPANY - Emission Control System Warranty Statement**

##### **Your Warranty Rights and Obligations**

The California Air Resources Board and INDIAN MOTORCYCLE COMPANY (hereinafter INDIAN MOTORCYCLE) are pleased to explain the emission control system warranty on your 2014 or later INDIAN motorcycle. In California, new motor vehicles must be designed, built and equipped to meet the state's stringent anti-smog standards. INDIAN MOTORCYCLE must warrant the emission control system on your motorcycle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your motorcycle. Your emission control system may include parts such as the fuel-injection system, the ignition system, catalytic converter and engine computer. Also included may be hoses, belts, connectors and other emission related assemblies. Where a warrantable condition exists, INDIAN MOTORCYCLE will repair your motorcycle at no cost to you, including diagnosis, parts and labor.

##### **Manufacturer's Warranty Coverage**

Class III motorcycles (280cc and larger): for a period of use of five (5) years or 30,000 kilometers (18,641 miles), whichever first occurs. If an emission-related part on your motorcycle is defective, the part will be repaired or replaced by INDIAN MOTORCYCLE. This is your emission control system DEFECTS WARRANTY.

## **Emission Control System Warranty**

### **Owner's Warranty Responsibilities**

As the motorcycle owner, you are responsible for the performance of the required maintenance listed in your Rider's manual. INDIAN MOTORCYCLE recommends that you retain all receipts covering maintenance on your motorcycle, but INDIAN MOTORCYCLE cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. You are responsible for presenting your motorcycle to an INDIAN MOTORCYCLE dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. As the motorcycle owner, you should be aware that INDIAN MOTORCYCLE may deny your warranty coverage if your motorcycle or part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact INDIAN MOTORCYCLE COMPANY, P.O. Box 47700, Hamel, Minnesota 55340-9960, or the California Air Resources Board, P.O. Box 8001, 9528 Telstar Avenue, El Monte, CA 91734-8001.

INDIAN MOTORCYCLE COMPANY, (hereinafter INDIAN MOTORCYCLE) warrants that each new 2014 and later INDIAN motorcycle that includes as standard equipment a headlight, taillight and stoplight, and is street legal:

- A. is designed, built and equipped so as to conform at the time of initial retail purchases with all applicable regulations of the United States Environmental Protection Agency, and the California Air Resources Board; and
- B. is free from defects in material and workmanship which cause such motorcycle to fail to conform with applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for a period of use, depending on the engine displacement, of 12,000 kilometers (7,456miles), if the motorcycle's engine displacement is less than 170 cubic centimeters; of 18,000 kilometers (11,185 miles), if the motorcycle's engine displacement is equal or greater than 170 cubic centimeters but less than 280 cubic centimeters; or of 30,000 kilometers (18,641miles), if the motorcycle's engine displacement is 280 cubic centimeters or greater; or 5 (five) years from the date of initial retail delivery, whichever occurs first.

## **Warranty**

### **Emissions Control System Warranty**

#### **I. Coverage**

Warranty defects shall be remedied during customary business hours at any authorized INDIAN MOTORCYCLE dealer located within the United States of America in compliance with the Clean Air Act and applicable regulations of the United States Environmental Protection Agency and the California Air Resources Board. Any part or parts replaced under this warranty shall become the property of INDIAN MOTORCYCLE.

In the State of California only, emission-related warranted parts are specifically defined by the state's Emission Warranty Parts List. These warranted parts are: carburetor and internal parts; intake manifold; fuel tank; fuel injection system; spark advance mechanism; crankcase breather; air cutoff valves; fuel tank cap for evaporative emission controlled vehicles; oil filler cap; pressure control valve; fuel/vapor separator; canister; igniters; breaker governors; ignition coils; ignition wires; ignition points; condensers, and spark plugs if failure occurs prior to the first scheduled replacement; and hoses, clamps, fittings and tubing used directly in these parts. Since emission related parts may vary from model to model, certain models may not contain all of these parts and certain models may contain functionally equivalent parts. In the State of California only, Emission Control System emergency repairs, as provided for in the California Administrative Code, may be performed by other than an authorized INDIAN MOTORCYCLE dealer. An emergency situation occurs when an authorized INDIAN MOTORCYCLE dealer is not reasonably available, a part is not available within 30 days or a repair is not complete within 30 days. Any replacement part can be used in an emergency repair. INDIAN MOTORCYCLE will reimburse the owner for expenses, including diagnosis, not to exceed INDIAN MOTORCYCLE's suggested retail price for all warranted parts replaced and labor charges based on INDIAN MOTORCYCLE'S recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate. The owner may be required to keep receipts and failed parts in order to receive compensation.

## **Emission Control System Warranty**

### **II. Limitations**

The Emission Control System Warranty shall not cover any of the following:

- A. Repair or replacement required as a result of:
  - Accident
  - Misuse
  - Repairs improperly performed or replacements improperly installed
  - Use of replacement parts or accessories not conforming to INDIAN MOTORCYCLE specifications which adversely affect performance and/or
  - Use in competitive racing or related events.
- B. Inspections, replacement of parts, and other services and adjustments necessary for required maintenance
- C. Any motorcycle on which the odometer mileage has been changed so that actual mileage cannot be readily determined.

# **Warranty**

## **Emission Control System Warranty**

### **III. Limited Liability**

- A. The liability of INDIAN MOTORCYCLE under this Emission Control System Warranty is limited solely to the remedying of defects in material or workmanship by an authorized INDIAN MOTORCYCLE dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the motorcycle or transportation of the motorcycle to or from the INDIAN MOTORCYCLE dealer. INDIAN MOTORCYCLE SHALL NOT BE LIABLE FOR ANY OTHER EXPENSES, LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY ARISING IN CONNECTION WITH THE SALE OR USE OF OR INABILITY TO USE THE INDIAN MOTORCYCLE FOR ANY PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
- B. NO EXPRESS EMISSION CONTROL SYSTEM WARRANTY IS GIVEN BY INDIAN MOTORCYCLE EXCEPT AS SPECIFICALLY SET FORTH HEREIN. ANY EMISSION CONTROL SYSTEM WARRANTY IMPLIED BY LAW, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE EXPRESS EMISSION CONTROL SYSTEM WARRANTY TERMS STATED IN THIS WARRANTY. THE FOREGOING STATEMENTS OF WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHER REMEDIES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
- C. No dealer is authorized to modify this INDIAN MOTORCYCLE Limited Emission Control System Warranty.

### **IV. Legal Rights**

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

### **V. This warranty is in addition to the INDIAN MOTORCYCLE Limited Motorcycle Warranty**

### **VI. Additional Information**

Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. However, INDIAN MOTORCYCLE is not liable for these parts. The owner is responsible for the performance of all required maintenance. Such maintenance may be performed at a service establishment or by any individual. The warranty period begins on the date the motorcycle is delivered to an ultimate purchaser.

**INDIAN MOTORCYCLE COMPANY**

**P.O. Box 47700**

**Hamel, MN 55340-9960**

**ATTN: Warranty Department**

## ***Maintenance Log***

## ***Maintenance Log***

## Audio System Introduction

Not all motorcycles are equipped with an audio system. Motorcycles equipped with an audio system may not be equipped with all components discussed in the audio section of this manual. Components not installed at the factory can be purchased from and installed by your INDIAN MOTORCYCLE dealer.

**WARNING!** *Distracted driving can result in loss of control, collision or accident, which may result in serious injury or death. Avoid using any features and devices while driving that may take your attention away from the road and safe driving habits, even for a moment. Always keep both hands on the handlebars. When device operation is necessary, please use voice-activated devices.*



## iPod / iPhone Device Compatibility

Your radio will connect with the following iPod and iPhone models. Update your iPod and iPhone devices to the latest software before use.

### Made for:

- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod nano (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)

“Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

# **Audio System**

## **Audio System Introduction**

### **Radio Frequencies**

#### **North America**

- AM 520 to 1720 kHz
- FM 87.9 to 107.9 MHz
- WX 7 Channels

#### **Europe**

- FM 87.5 to 108.00 MHz
- MW 531 to 1602 kHz
- LW 153 to 279 kHz

#### **North America Sources**

- FM
- AM
- WX
- USB
- NAV
- BT

#### **Europe/Europe 50 Sources**

- FM
- MW
- LW
- USB
- NAV
- BT

#### **Japan/Taiwan Sources**

- FM
- AM
- USB
- NAV
- BT

#### **Australia Sources**

- FM
- AM
- USB
- NAV
- BT

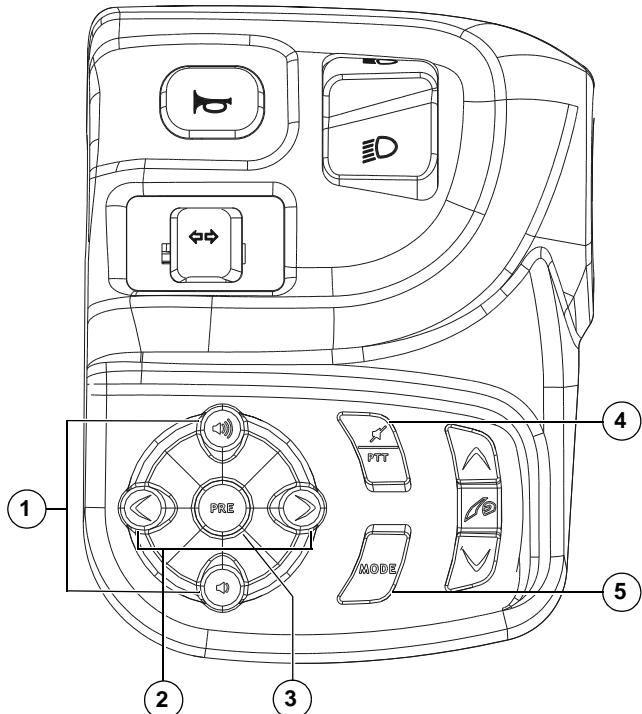
#### **Audio Menu Options**

- Bass
- Mid
- Treble
- Fader
- Automatic Volume Control (AVC)
- Audio Output
- Bluetooth (BT) Setup
- Driver Device
- NAV Audio
- AM/FM Clear Preset
- Radio Broadcast Data System (RBDS)

## Audio System Introduction

### Audio Controls

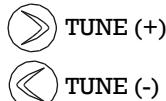
The audio controls are located on the left handlebar.



1. Radio On/Off  
Volume +/-  
Menu Scroll



2. Tuner  
Music Track Select  
Menu Navigation



3. Preset Button  
(Select/Enter Menus)



4. Mute  
Push-to-Talk (PTT)  
Voice Recognition



5. Mode Button



**Tip:** Some mode menu options have sub-menus. Sources and menu options will be displayed only for installed components.

# Audio System

## Audio System Introduction

### Instrument Cluster Audio Display

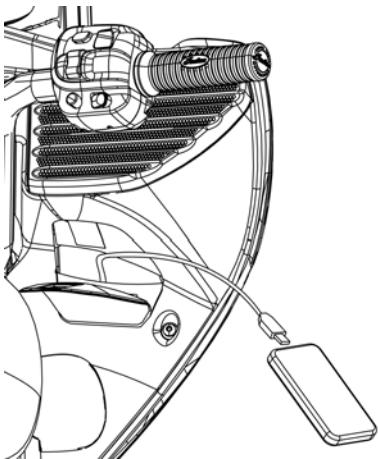
The audio system information is displayed in the center display on the instrument cluster. All audio system information is displayed in zones two (2) and three (3).

	7:30	SW	75F
<b>ZONE 2</b>	FM	93.7	
	TRIP 1		
<b>ZONE 3</b>	MI	210.3	
	HR	3.5	
	RANGE	250	<b>6</b>
	25680	mi	

### USB Connector

A USB connector cord is located on the right side of the lower front fairing. A pouch is provided to hold your device while operating. This pouch is padded and tethered to the fairing to securely hold your device.

**Tip:** *Device-to USB adapters are not supplied with motorcycle and must be purchased separately. Reference device owner's manual for USB accessory adapter information.*



## Power and Volume Controls

### Audio System Power

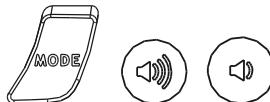
Turn the power switch ON to use the audio system. The screen will display "RADIO OFF".

**Tip:** *To prevent battery drain when the engine is not running, power will automatically turn off after 5 minutes.*

To turn the audio system on, press and release MODE or one of the volume buttons.

The screen will display the last active entertainment source. The volume level when power is turned on will default to the level in use when power was last turned off (limited to level 15).

7:30	SW	75F
RADIO OFF		



### Audio System Volume

Audio is active in either the speakers or the headsets. The volume controls will adjust the volume in the speakers or in the driver's Bluetooth headset.

**Tip:** *On some headsets, the user must press (+) or (-) or rotate the volume dial on the headset controls to raise or lower volume.*

Press  or  to adjust volume.

### Turn the Radio Off

Press and hold  until the radio turns off.

7:30	SW	75F
VOLUME 8		

7:30	SW	75F
RADIO OFF		

## Audio System

### Mute/Push-To-Talk (PTT)

Press /PTT once to mute the audio system volume.

Press  or  or /PTT to un-mute the audio system volume.

Double press /PTT to activate voice recognition feature on a paired phone.

### Low Voltage Mute

If the battery voltage drops to 10.5 +/- 0.5 volts, the radio will mute to reduce voltage drain on the battery. Full volume will be restored when the battery voltage returns to 11.5-12.5 volts. If battery voltage drops below 8.5 volts, the radio will turn off. Radio function will not be available until the battery is fully charged.

7:30	SW	75F
MUTE		
LOW		
VOLTAGE		

## Selecting Audio Sources

Press MODE repeatedly to choose the desired audio source. Each press changes the audio source as follows:

- FM
- AM
- MW (Europe only)
- LW (Europe only)
- WX (Weather) (North America only)
- USB
- NAV (If enabled)
- Bluetooth Driver (if enabled)

### FM source:

All models (shown with RBDS FULL)

7:30	SW	75F
FM		93.7
93X		
ARTIST		

### AM source:

All models excluding Europe

7:30	SW	75F
AM		1500

### WX (Weather) source:

North America models only

7:30	SW	75F
WX		1

### USB sources:

All models

Flash memory connected

7:30	SW	75F
USB		
ARTIST		
SONG TITLE		

iPhone / iPod connected:

7:30	SW	75F
iPod		
ARTIST		
SONG TITLE		

Pandora on iPhone / iPod only (North America / Australia models only)

7:30	SW	75F
PANDORA		
ARTIST		
SONG TITLE		

# Audio System

## Selecting Audio Sources

### MW (Medium Wave) source:

Europe models only

7:30	SW	75F
MW		531

### LW (Long Wave) source:

Europe models only

7:30	SW	75F
LW		153

### NAV source:

All models (skipped if not enabled)

7:30	SW	75F
NAV		

### BT Driver source:

All models (skipped if not enabled)

7:30	SW	75F
GARY'S IPOD		

## FM/AM/MW/LW Tuning

MW and LW radio sources are in Europe only.

1. Press **MODE** repeatedly to choose the desired audio source.
2. Use the tune buttons on the left control to tune radio stations. Press and release << or >> to locate stations in single-step increments.
3. Press and hold << or >> to seek for radio stations. The radio will slew until the tune button is released. At that time, the radio will seek to the next strong radio station signal.

7:30	SW	75F
FM		93.7
93X		
ARTIST		

*FM station shown with  
RBDS FULL on*

## Selecting Audio Sources

### FM/AM/MW/LW Tuning

#### Memory Presets

The audio system features 15 user-defined presets for each tuner source for storing favorite stations.

1. To set a preset, press **MODE** repeatedly until the desired source is active (FM, AM, MW, LW).
2. Use **<** or **>** to tune a radio station.
3. Press and hold **PRE**.
4. Press **◀** or **▶** to cycle to an available preset location.

The preset location displays on the screen.

**Tip:** Saving a radio station without picking a location will save the station in the next available location.

5. When the desired location is displayed, press **PRE**.

7:30	SW	75F
FM		93.7
P2	---	-

6. The station will be stored.

**Tip:** If the desired preset location already contains a stored radio station, it will be overwritten by the new selection.

7. Press **PRE** repeatedly to scroll through the list of radio presets.



7:30	SW	75F
P2		93.7

7:30	SW	75F
FM		93.7

# Audio System

## Selecting Audio Sources

### Weather Band (WX)

Weather band channels are broadcast by the National Oceanic and Atmospheric Administration (NOAA). NOAA operates more than 940 transmitters covering the United States, Puerto Rico, the U.S. Virgin Islands, the U.S. Pacific Territories and adjacent coastal waterways.

1. Press **MODE** repeatedly button until WX source is selected.

**Tip:** *Typically, only one weather band channel will be available for a given location. When traveling, if a channel becomes unavailable, search for another active channel.*

2. Press << or >> to select a channel.

### USB Audio Source

Connect the USB memory stick to the USB connector cable. The following music files are recognized by the radio:

- WAV
- OGG
- MP3
- FLAC

Music files not recognized by the radio will be ignored.

1. Press and release **MODE** until USB is active. When USB is active, the console screen will display "USB" as the active source.
2. Press and hold << or >> to select the next or the previous music folder. The folders display in alphabetical order.
3. Press and release << or >> to select the next or previous song.

7:30	SW	75F
USB		
ARTIST		
SONG TITLE		

## Selecting Audio Sources

### USB Audio Source - iPod / iPhone Connected

1. Connect a compatible iPod or iPhone device to the USB connector cable.
2. Press and release **MODE** until iPod is the active source.

When iPod is active, the console screen will display "iPod" as the active source.

7:30	SW	75F
iPod	ARTIST	
	SONG TITLE	

### Tuning/FF - RW

1. Press and release < or > to select the next or previous song.
2. Press and hold < or > to fast forward or rewind.

### Direct Song Selection

1. Press and release **PRE** to display currently playing track list.
2. Press and release < or > to scroll track list.
3. Press and release **PRE** or > to select the new song choice and exit to active source display.
4. Press < to exit without selecting a new song track.

### Category Select

1. Press and hold **PRE** until the category list appears.

**Tip:** *Pandora will appear only if device is connected via USB and is capable of running Pandora.*

2. To navigate the categories, press and release < or >. Press and hold to continuously scroll through the list.
3. Press and release **PRE** or > to select new category.
4. Press and release **MODE** to exit to the main menu.
5. To navigate from the category menu to the sub-category menu, press **PRE** or >.
6. Press and release < or > to scroll.
7. Press and release **PRE** to select new subcategory and play the first song found. Press > to browse the list of songs available.
8. Press < to navigate back to the subcategory or category selection.

7:30	SW	75F
CATEGORY		
PLAYLIST		
ARTIST		
ALBUM		
PANDORA		

7:30	SW	75F
ALTERNATIVE		
CLASSIC ROCK		
80'S MUSIC		

# Audio System

## Selecting Audio Sources

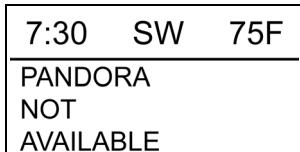
### USB Audio Source - Pandora Internet Radio

Pandora internet radio is available only when the user connects a compatible iPhone or iPod device to the radio using the USB connector.

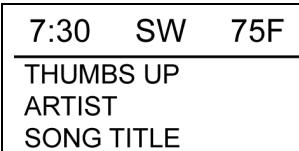
Pandora internet radio is intended for use only in the United States, Australia and New Zealand. If licensing restrictions prevent Pandora from playing, "NOT AVAILABLE" displays.

1. Turn on the Pandora internet radio app. Connect a compatible iPhone or iPod device to the USB connector.
2. Press and release **MODE** until Pandora is displayed in the screen.

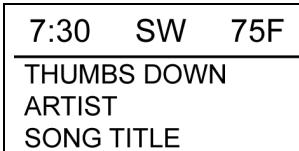
**Tip:** If Pandora internet radio is the currently playing app on the device, the USB source displays information and enables features specific to the app. If it is not, you must select Pandora from the category menu. Press and hold **PRE**.



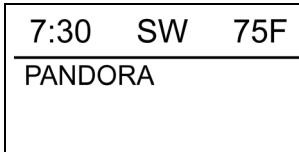
3. To give a "THUMBS UP" for the current song, press and hold **>**.



4. To give a "THUMBS DOWN" for the current song, Press and hold **<**.



When a commercial is playing, the screen will display the following information.



## Selecting Audio Sources

### USB Audio Source - Pandora Internet Radio

5. To skip forward to the next song, press and release .

7:30 SW 75F  
PANDORA  
SKIP TRACK  
SONG TITLE

6. When the skip limit is reached, "SKIP LIMIT REACHED" displays.

7:30 SW 75F  
PANDORA  
SKIP LIMIT  
REACHED

7. Press and release PRE to bring up the station list. Use  or  to scroll through the list and then press PRE or  to select a new station.

7:30 SW 75F  
PANDORA  
ARTIST  
SONG TITLE

8. Press and hold PRE to select a iTunes category, or to select a different channel.

7:30 SW 75F  
CATEGORY  
ALBUM  
**PANDORA**  
ARTIST  
PLAYLIST

9. Press  or  to scroll through the list.

10. Press and release PRE or  to make a selection.

11. When Pandora is selected, a list of available channels is displayed.

12. Press  or  to scroll through the list.

13. Press and release PRE or  to make a selection.

7:30 SW 75F  
SMOOTH JAZZ  
90'S POP  
CLASSIC ROCK

# Audio System

## Selecting Audio Sources

### NAV Source

Please read this manual and the GARMIN ZUMO 660 NAV MP3 information provided with your player to become familiar with all unit features and operation.

The audio integration kit must be installed to enable outputs from the NAV MP3 (such as navigation instructions or user-loaded MP3 media files) to play through the headsets or speakers. The unit is fully functional without the kit installed, but there will be no interface with the vehicle's audio system.

### Navigation MP3 Operation Tips

- Signals coming from the NAV MP3 unit will override any source of the motorcycle's audio system to ensure navigation instructions are communicated when needed. The signals will also override the MP3 player.
- You must set volume levels within the NAV MP3 unit. Volume settings in the motorcycle's audio system control NAV MP3 volume, but navigation instructions may be difficult to hear if volume levels in the unit are set too low. See the GARMIN information for setting procedures. The recommended initial settings are 100/80/80: MASTER 100%, NAVIGATION 80%, MEDIA 80%.
- Pause or stop the MP3 player to switch to radio.
- If playing MP3 files from the GARMIN ZUMO 660 unit, you may need to turn down the "media volume" on the GARMIN unit to avoid distortion.
- NAV audio must be turned on in the mode menu in order to play MP3 music files from the GARMIN ZUMO 660 NAV unit.
- While in NAV source, only MP3 music stored on the GARMIN ZUMO 660 will play on the radio.

The power switch must be ON to use the audio system. Press and release **MODE** until NAV is the active source.

When navigation instructions are given, the music volume will be muted and "NAV" will be displayed on the line below the active source.

7:30	SW	75F
NAV		

## Selecting Audio Sources

### Bluetooth Sources

Press and release **MODE** until “BT DRIVE DEVICE” is displayed on the screen.

**Tip:** Make sure the BT volume on your device is turned all the way up.

### Bluetooth Source - Driver

When a device is paired and connected to the Driver Device location, selecting this mode will stream music to the radio.

When Driver Device is turned on, “NO AUDIO” will be displayed as the radio resumes connection with the device.

When a device is paired but not connected to a BT source location, “NOT FOUND” will be displayed.

7:30	SW	75F
------	----	-----

GARY'S IPOD
-------------

7:30	SW	75F
------	----	-----

DROID RAZR
------------

NO AUDIO
----------

7:30	SW	75F
------	----	-----

BT DRIVE DEVICE
NOT FOUND

When a device is paired to a BT source and is in the process of connecting to the radio, “CONNECTING” will be displayed.

7:30	SW	75F
------	----	-----

IPOD
CONNECTING

7:30	SW	75F
------	----	-----

IPOD
SEARCHING

# Audio System

## Voice Recognition Mode

The radio features voice recognition when a driver headset is connected and turned on. Radio Bluetooth functionality is dependent on the capabilities of the device. Please see your device's user manual.

**Tip:** Make sure the BT volume on your device is turned all the way up.

The device's signal and battery strength are shown on the display with a range of zero to five (0-5), with "5" representing maximum strength.

### Initiating a Phone Call

To initiate a phone call, double-press  PTT to request voice recognition mode.

Speak phone commands into microphone. Press and release

PRE or double-press  PTT while in voice recognition mode to resend or resume voice recognition request.

When the phone call is initiated, "DIALING" and either the caller ID or "OUTGOING CALL" will be displayed.

Press MODE to cancel outgoing call if desired.

7:30 SW 75F  
DROID RAZR  
VOICE COMMAND  
  
ACTIVATE: PRESET  
CANCEL: MODE  
SIGNAL 5 BATT 5

Full screen mode shown

7:30 SW 75F  
DROID RAZR  
OUTGOING CALL  
DIALING

When the call is answered, the screen will display "CONNECTED".

Press and release MODE to end the phone call.

7:30	SW	75F
DROID RAZR (123) 456-7890		
CONNECTED		
END CALL: MODE		
SIGNAL 5 BATT 5		

Full screen mode shown

### Receiving/Answering Phone Calls

When a phone is paired to DRIVER DEVICE, the audio system will allow the driver to either answer or reject an incoming phone call.

When an incoming phone call is received, the screen will display the information of the caller.

Press PRE to answer the call.

Press MODE to reject the call.

To end the phone call, press MODE.

7:30	SW	75F
SCOTT PHONE 123-456-7890 OR CALLID		
INCOMING CALL		
ANSWER: PRESET		
REJECT: MODE		
SIGNAL 5 BATT 5		

Full screen mode shown

7:30	SW	75F
SCOTT PHONE 123-456-7890		
CONNECTED		

### **Voice Recognition Mode**

#### **Error Messages**

If your phone receives an incoming call, but you do not have your headsets connected, the incoming call information and "CANNOT ANSWER" displays.

Press **PRE** or **MODE** to send the incoming call to voice mail.

7:30	SW	75F
DROID RAZR		
(123) 456-7890		
INCOMING CALL		
CANNOT ANSWER		
DRIVER HEADSET		
NOT CONNECTED		

If you attempt to initiate a phone call, but you do not have your headsets connected, "HEADSET NOT CONNECTED" displays.

7:30	SW	75F
DROID RAZR		
VOICE COMMAND		
ERROR		
DRIVER HEADSET		
NOT CONNECTED		

#### **Siri Eyes Free**

Your radio's voice command mode supports the Siri Eyes Free feature on select iPhone models so you can use Siri without having to look at the screen. For example:

- "Play songs by..."
- "Get directions to..."
- "Read my notifications"
- "Send a message to..."

For additional commands, consult your device's owner's manual.

Siri is available on iPhone 4S, iPhone 5, iPad (3rd and 4th generations), iPad mini and iPod touch (5th generation), and requires internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply.

For more information about Siri Eyes Free, visit: [www.apple.com/ios/siri/](http://www.apple.com/ios/siri/).

# Audio System

## Audio Mode Menus

### Entering Mode Menu

1. Press and hold **MODE** until the system enters the audio system mode menus.
2. Press and release **MODE** to cycle through the following menu items, shown in order of display:
  - Bass
  - Mid
  - Treble
  - Fader
  - Automatic Volume Control (AVC)
  - Audio Output Select
  - Bluetooth Setup
  - Bluetooth Drive Device
  - NAV Audio
  - FM/AM Tuner Clear Presets
  - Radio Broadcast Data System (RBDS)
3. At the RBDS screen, press and release **MODE** to return to the beginning of the mode menu list.

### Exiting Mode Menu

Exit the screen and return to the default display in one of two ways:

1. Wait 10 seconds. The system will automatically exit.
2. Press **<>** to exit.

### Bass Setting

Press  or  to adjust.

Press and release **MODE** to move to next selection.

7:30	SW	75F
BASS	+6	

### Mid Setting

Press  or  to adjust.

Press and release **MODE** to move to next selection.

7:30	SW	75F
MID	-1	

### Treble Setting

Press  or  to adjust.

Press and release **MODE** to move to next selection.

7:30	SW	75F
TREBLE	+4	

## Audio Mode Menus

### Fader Setting

1. Press  or  to adjust speaker fader balance.

2. Use the fader adjustment menu to control audio sound balance between front and rear speakers.

**Tip:** Fader setting menu not shown if headsets are selected as the output.

3. Press and release MODE to move to next selection.

7:30	SW	75F
FADER		
0		

### Automatic Volume Control (AVC)

When set, this feature will lower or raise the speaker/headset volume automatically, based on vehicle speed.

- Off: No Adjustment
- Low: Least aggressive setting
- Medium: Moderate setting
- High: Most aggressive setting

7:30	SW	75F
AVC		
HIGH		
<b>MEDIUM</b>		
LOW		
OFF		

1. Press  or  to adjust the automatic volume settings.

2. Press and release MODE to move to next selection.

### Audio Output Select

Use the audio output select menu to direct the audio output to either the external speakers or headsets.

- Speakers
- Headsets

7:30	SW	75F
AUDIO OUT		
<b>SPEAKERS</b>		
HEADSETS		

1. Press  or  to adjust.

2. Press and release MODE to move to the next selection.

# Audio System

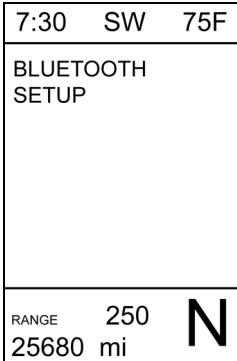
## Audio Mode Menus

### Bluetooth Setup

**Tip:** The Bluetooth setup menu is not available when the motorcycle is moving or when the screen is set to display Diagnostic Trouble Codes (DTCs).

Bluetooth Setup allows the user to pair and unpair the headset and devices.

1. To access Bluetooth Setup, Press and hold **MODE** to access the audio menu.
2. Press and release **MODE** until “BLUETOOTH SETUP” is displayed.
3. Press and release **PRE** to access the Bluetooth Setup Menu options.



### Bluetooth Setup Menu

The Bluetooth Setup Menu provides the following selections:

- **DRIVE H-SET:** Pair/unpair driver headset(s)
- **DRIVE DEVICE:** Pair/unpair driver device(s)
- **EXIT:** Exit Bluetooth Setup Menu

BT SETUP
<b>DRIVE H-SET</b>
DRIVE DEVICE
EXIT

1. Press and release or to scroll through the list.
2. Press and release **PRE** or to select an item.

## Audio Mode Menus

### Bluetooth Setup Menu

#### Bluetooth Setup Notes

- The Bluetooth Setup Menu will display “C” next to each position when there is either a headset or device connected.
- Each Bluetooth position can have a maximum of three devices paired to that location. To add another device, you must remove one or all of the paired devices.
- Only one device can be connected at any given time.
- During audio system power-up, the radio will search through the list of paired devices and make connections to one of each pairing position.



BT SETUP  
C DRIVE H-SET  
C **DRIVE DEVICE**  
EXIT

**Tip:** *Turning the source off in the MODE MENU will not prevent the device from connecting; it only prevents it from appearing on the audio source loop. This allows a device to be paired and connected only for the purpose of receiving phone calls.*

- Left hand audio controls are limited to basic functions when devices are connected via Bluetooth.
- To maintain full left hand audio controls, connect the device to the USB cable.

# Audio System

## Audio Mode Menus

### Bluetooth Setup Menu

#### Driver Headset Pairing

Incoming phone calls cannot be answered if driver headset is not connected. Press and release PRE or MODE to send the calls to voice mail.

1. Press and hold MODE to access the audio menu.
2. Press and release MODE until "BLUETOOTH SETUP" is displayed.
3. Press and release PRE to access the Bluetooth Setup Menu options.
4. In the Bluetooth Setup Menu, press  or  to make a selection. Select DRIVE H-SET.
5. Press and release PRE.
6. Press PRE to select ADD H-SET.

**Tip:** Sena SMH10 motorcycle Bluetooth headsets are recommended. Reference the headset user manual to enable Bluetooth pairing.

The radio will search for the headset.

BT SETUP  
DRIVE H-SET  
DRIVE DEVICE  
EXIT

DRIVE H-SET  
ADD H-SET  
EXIT

7:30 SW 75F  
ADD HEADSET  
SEARCHING

7. When the headset is found, its name will be displayed.
8. Press and release PRE to pair the headset with the radio.

9. The radio will display "PAIRING" during the pairing process.

**Tip:** If prompted to enter a pairing code, find the code in the headset user's manual.

Use  or  to enter the digits 0-9.

Press and release PRE to enter the number and move to the next digit. Default codes are typically: "0000" or "1234".

"PAIRED" is displayed on the screen when the radio has successfully paired the headset.

7:30 SW 75F  
ADD HEADSET  
SENA SMH10  
EXIT

7:30 SW 75F  
SENA SMH10  
PAIRING

7:30 SW 75F  
SENA SMH10  
PAIRED

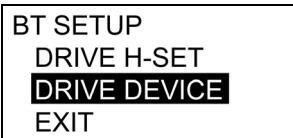
## Audio Mode Menus

### Bluetooth Setup Menu

#### Driver Device Pairing

The radio can be paired with Bluetooth devices such as smart phones.

1. In the Bluetooth Setup Menu, press  or  to scroll.



2. Set device to "Discoverable Mode" before starting the pairing procedure.
3. Select DRIVE DEVICE.
4. Press and release PRE.
5. Use  or  to scroll to ADD DEVICE.



6. Press and release PRE to select.

The radio will search for the device. When the device is found, its name will display.



7. Press and release PRE to pair the device with the radio.

**Tip:** If prompted to enter a pairing code, find the code in the headset user's manual.

Use  or  to enter the digits 0-9.

Press and release PRE to enter the number and move to the next digit. Default codes are typically: "0000" or "1234".

8. "PAIRED" is displayed on the screen when the radio has successfully paired the device.

IPOD  
PAIRING

IPOD  
PAIRED

# Audio System

## Audio Mode Menus

### Bluetooth Setup Menu

#### Unpairing/Reconnecting Devices

**Tip:** The following steps reference the DRIVE H-SET as an example.  
Unpairing other devices follows the same procedures.

1. In the Bluetooth Setup Menu, use  or  to make a selection.  
Select DRIVE H-SET.
2. Press and release PRE.
3. To unpair ALL of the devices in the DRIVE H-SET location, press  or  to select UNPAIR ALL, and then press PRE.
4. Press  or  to select NO or YES. Select YES, and then press and release PRE to unpair all devices.

*The radio will unpair all of the devices from this location and return to the ADD H-SET screen.*

BT SETUP  
**DRIVE H-SET**  
DRIVE DEVICE  
EXIT

DRIVE H-SET  
SCALA RIDER G9  
SENA SMH10  
**UNPAIR ALL**  
EXIT

UNPAIR ALL  
DRIVE H-SET  
NO  
**YES**

DRIVE H-SET  
**ADD H-SET**  
EXIT

5. To unpair individual devices in the DRIVE H-SET location, press and release  or  to select the device you want to unpair.

DRIVE H-SET  
**C SCALA RIDER G9**  
SENA SMH10  
SCALA RIDER G9  
UNPAIR ALL  
EXIT

SCALA RIDER G9  
RECONNECT  
**UNPAIR**  
EXIT

SCALA RIDER G9  
UNPAIRING

SCALA RIDER G9  
UNPAIRED

DRIVE H-SET  
**SENA SMH10**  
UNPAIR ALL  
EXIT

SCALA RIDER G9  
**RECONNECT**  
UNPAIR  
EXIT

6. Press and release PRE to select the device.
7. Press and release  or  to select UNPAIR.
8. Push and release PRE to unpair the device.

*“UNPAIRED” will be displayed after the device is removed from the list.*

*The radio will return to the DRIVE H-SET device location.*

9. To connect a different paired device at a location, select that device and press PRE to select it. Select RECONNECT. Press PRE.

## Audio Mode Menus

### Bluetooth Driver Device

1. Press  or  to turn the DRIVER BT device source ON or OFF.
2. Press and release **MODE** to move to the next selection.

7:30	SW	75F
DRIVE DEVICE		
SOURCE OFF		
SOURCE ON		

### NAV Audio

1. Press  or  to turn the NAV AUDIO source ON or OFF.
2. Press and release **MODE** to move to the next selection.

7:30	SW	75F
NAV AUDIO		
OFF		
ON		

### Tuner Clear Presets

1. To clear all FM or AM radio station presets, press  or  to select FM or AM clear presets.
2. Press **PRE** to clear the presets for the desired tuner band.
3. Press and release **MODE** to move to the next selection.

7:30	SW	75F
FM		
CLEAR		
PRESETS		

7:30	SW	75F
FM		
PRESETS		
CLEARED		

### Radio Broadcast Data System (RBDS)

1. Press  or  to turn the Radio Broadcast Data System (RBDS). When on, the screen will display artist, song title, etc. (if available in the radio signal).
  - OFF
  - ON (Station name only)
  - FULL (Station name + radio text)
2. Press and release **MODE** to move to the top of the MODE menu list.

7:30	SW	75F
RBDS		
FULL		
ON		
OFF		

# Audio System

## Audio System Diagnostics

The audio system diagnostic menu allows the following actions for you or your INDIAN MOTORCYCLE dealer:

- View radio software version
- Set compass declination angle
- Calibrate compass
- Perform left hand audio control key pad tests
- Set radio tuner location
- View vehicle speed

### Diagnostic Menu

To access the diagnostic menu:

1. Press and hold  to turn the radio off.
2. Turn the power switch OFF.
3. Turn the power switch ON.
4. Press and hold **PRE** for several seconds.
5. This screen will appear if steps 1-3 were performed correctly.

**Tip:** If you do not see this screen, perform steps 1-3 again.

6. Press and release **MODE** to move to Compass Declination Angle Setting.

7:30	SW	75F
RADIO		
SW 1.00A HW1		
BOOT V 1.00A		

### Compass Declination Angle Setting

The next diagnostic menu selection is used to set the compass declination angle.

The declination angle is the degrees of difference between true north and magnetic north at your current geographical position.

7:30	SW	75F
COMPASS 180 (S)		
ROLL +12		
DECLINATION +6		

When driving long distances, such as cross-country trips or when moving to a new state or province, you may need to reset the compass declination angle settings.

If the compass is not set to the zone where you live, the compass may not provide accurate directional readings.

**CAUTION!** Do not adjust the compass declination setting when the motorcycle is moving. Always make adjustments when parked and with the transmission in neutral gear.

The declination angle can be adjusted between -30 and +30 degrees.

1. Press  or  to adjust the angle up or down.
2. Press **PRE** to enter the new setting.

## Audio System Diagnostics

### Compass Declination Angle Setting

A Declination Map of North America is provided on this page. The map depicts magnetic declination lines at 5 degree intervals with the 0 degree declination line bold.

Angles east of the 0 declination line are (-), and angles west of the 0 declination are (+).

There are several web sites you can use to find the exact declination angle for your location. Two of these web sites are listed below:

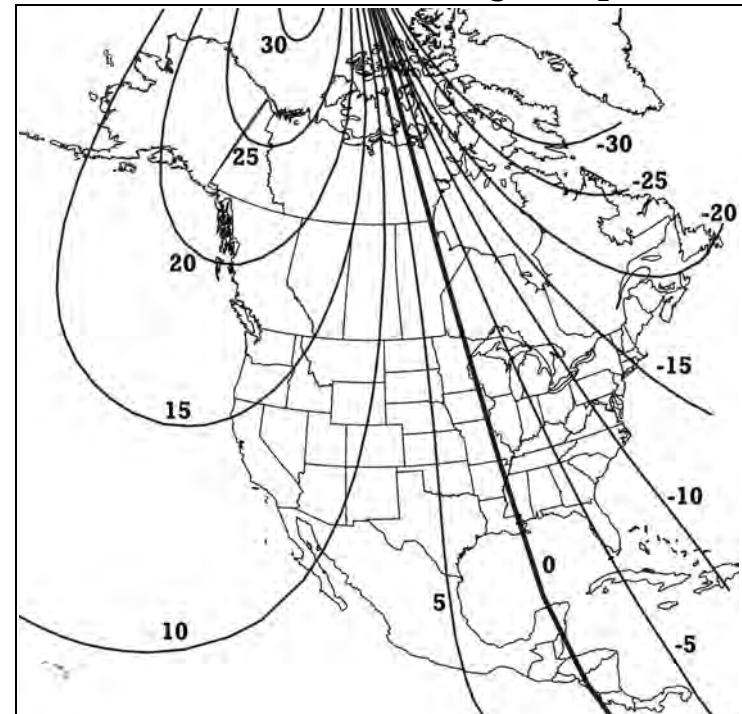
- <http://magnetic-declination.com/>
- [www.ngdc.noaa.gov/geomag-web/#declination](http://www.ngdc.noaa.gov/geomag-web/#declination)

These web sites can find your declination angle using either a clickable world map or your zip code.

**Tip:** Magnetic declination angles are not static and will change over the course of several years.

Press and release MODE to move to the Compass Calibration menu.

### North America Declination Angle Map



**Tip:** The declination angle for the State of Hawaii is +9.

# Audio System

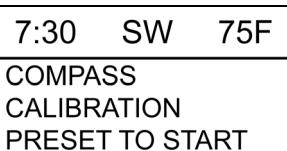
## Audio System Diagnostics

### Compass Calibration

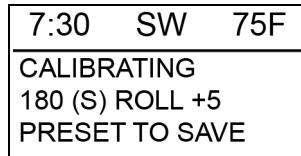
After setting the declination angle, you must manually calibrate the compass.

**CAUTION!** Find a flat, open space (vacant parking lot) away from people, vehicles and objects when performing this procedure. Do not violate local vehicle laws and regulations when driving motorcycle.

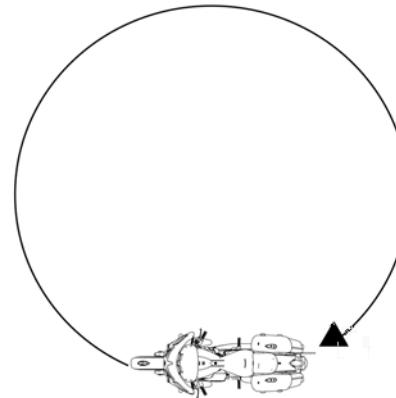
This is the Compass Calibration menu screen.



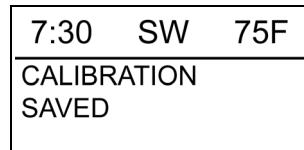
1. Press **PRE** to start calibration.



2. Drive the motorcycle at 5 mph (8km/h) in a clockwise circle keeping the motorcycle as upright as possible. Excessive tilting to the left or right will affect compass calibration.



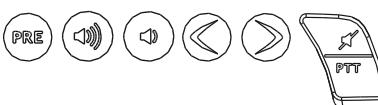
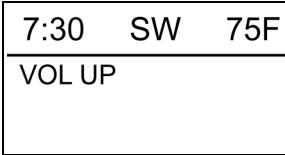
3. Once a complete circle has been driven, stop and press **PRE** to save the calibration or press **MODE** to cancel the calibration and return to the previous calibration.
4. Press and release **MODE** to move to Key Pad Diagnostics.



## Audio System Diagnostics

### Key Pad Diagnostics

Key pad diagnostics allows the user to test the function of each button on the left hand audio control block.

1. Press and release each of the audio control buttons to test the function of each button.
2. Observe the display after each button is pressed. The screen will display the button name by its function. If nothing displays, the button is not working. See your authorized dealer for service.
3. Press and release MODE to move to Tuner Location Settings.

### Tuner Location Settings

The radio tuner can be set to the geographical location where the motorcycle will be driven.

The following settings can be chosen under the Tuner Location Settings menu:

- NORTH AMERICA (USA/CANADA/MEXICO)
- EUROPE
- EUROPE 50
- JAPAN
- AUSTRALIA
- TAIWAN

1. Press and release  or  to make a new selection.
2. Turn the power switch OFF, then ON to save the new tuner location.

7:30	SW	75F
TUNER		
LOCATION		
NORTH AMERICA		

# Audio System

## Audio System Diagnostics

### Speed Diagnostic

The Speed Diagnostic menu displays vehicle speed.

Use this menu to verify the radio system is receiving a speed signal from the vehicle control module.

7:30	SW	75F
<hr/>		
SPEED		
0 MPH		
0 KPH		

1. Press and release MODE to return to the radio hardware/version display screen.
2. To exit the audio system diagnostics menu, press and release << or >> to return to the RADIO OFF screen.

## Audio Compliance Information

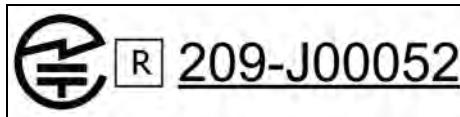
### FCC and Industry Canada Compliance Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### Japan Compliance Statement

This device contains a radio module with certification number:



# Index

## A

About the Rider's Manual	5
ABS	53-54
ABS Tone Ring/Sensor Inspection	101
ABS, How to Respond	8
Accelerating	75
Accessories, Safety Considerations	11
Air Filter	86
Anti-Lock Brake System	53-54
Anti-Lock Brake System Response	8
Apparel for Riding	10
Audio Mode Menus	160-167
Audio Source Selection	149-157
Audio Switches	25
Audio System	143-146
Audio System Diagnostics	168-172

## B

### Battery

Charging	112
Installation	111
Removal	110
Safety Warnings	110
Brake Fluid Level, Front Brake	62
Brake Fluid Level, Rear Brake	63
Brake Fluid, Front Brake	99
Brake Fluid, Rear Brake	98
Brake Lever Inspection	62
Brake Lever, Front Brakes	55, 99
Brake Line Inspection	63
Brake Pad Inspection	100-101
Brake Pedal Inspection	62

## B

Brake Pedal Lubrication	97
Brake Pedal, Rear Brakes	55
<b>Brakes</b>	
ABS Tone Ring/Sensor Inspection	101
Anti-Lock Brake System	53-54
Brake Fluid Precautions	97
Brake Lever Inspection	62
Brake Line Inspection	63
Brake Pad Inspection	100-101
Brake Pedal Inspection	62
Disc Inspection/Cleaning	100
Front Brake Fluid	62, 99
Front Brake Lever	58, 99
Hoses/Connections	97
Lubrication	97
Rear Brake Fluid	63, 98
Rear Brake Pedal	55
Braking	75

## C

Cargo Distribution	13
Cargo Safety	13
Check Engine Indicator (CHIEF)	31
Cleaning Products	120
Clock, Resetting	30
Clutch Cable Lubrication, Mechanical	96
Clutch Inspection, Mechanical	64

## C

Clutch Lever	48
Clutch Lever Freeplay, Mechanical	95
Clutch Lever Lubrication, Mechanical	96
Compliance, Vehicle	15
Console Components	21
Cruise Control Operation	76-77
Cruise Control Switches	25

## D

Diagnostic Functionality	31
Display Units, Standard/Metric	30
<b>Drive Belt</b>	
Cleaning	86
Condition	87
Wear Analysis	87
Drive Belt Inspection, Rear	65

## E

Electrical Precautions	114
Elevating the Motorcycle	116
Emission Control System	94
Engine Break-In	67-68
Engine Compression Test	116
Engine Identification Number	20
Engine Oil Change	84-85
Engine Starter Switch	26
Engine Stop/Run Switch	25
Engine, Starting	70-71
Engine, Stopping	75
Equipment Modifications	12
Error Codes, Engine (CHIEF)	31
Exhaust Safety	14
Exhaust System Inspection	116

# Index

## F

Fastener Inspection	66, 116
Fastener Torques	116
<b>Fluid</b>	
Brake Fluid Specifications	128
Engine Oil Specifications	128
Fork Oil Specifications	128
<b>Fluid Change</b>	
Engine Oil	84
Engine Oil/Filter	85
<b>Fluid Level</b>	
Engine Oil	60
Front Brake	62
Front Brake Fluid	99
Rear Brake	63
Rear Brake Fluid	98
Fork Inspection	92
Front Wheel Installation	102
Fuel Cap	56
Fuel Filter	85
Fuel Gauge, CHIEFTAIN	33
Fuel Handling Safety	14
Fuel Level	65
Fuel Recommendation	128
Fuel System Inspection	94
Fuel System, Priming	69
Fueling	69
Fuse Replacement	113

## G

Gasoline Handling Safety	14
Gear Shift Lever	49
Gear Shifting	72-74
Gross Vehicle Weight Rating	16
GVWR	16

## H

Hazard Switch	25
Headlight Aim Adjustment	108
Headlight Aim Inspection	107
Headlight Lamp Replacement (CHIEF)	108
Headlight Lamp Replacement (CHIEFTAIN)	109
High/Low Headlight Beam Switch	27

## I

Identification Number Record	129
Ignition, Key Fob	26
Ignition, Keyless	26
Indicator Lamps, CHIEF	28
Indicator Lamps, CHIEFTAIN	34-35
Instrument Cluster, CHIEF	28-32
Instrument Cluster, CHIEFTAIN	33-47

## L

Labels, Information	17
Labels, Safety	17
Leather Care	121
Light Switch, Auxiliary Lights	27

## M

<b>Maintenance</b>	
Break-In Maintenance	80
Major Maintenance	80
Periodic Maintenance	81-83
Maintenance for Safety	15
Maintenance Log	141
Maintenance, Required	15
Major Maintenance	80
Metric Display	30
MFD, CHIEFTAIN	36
Mirrors	49
Modifications, Vehicle	12
Motorcycle Safety Foundation	6
Multi-Function Display (MFD), CHIEF	29-32
Multi-Function Display, CHIEFTAIN	36

## O

Oil Change, Engine Oil/Filter	84-85
Oil Level, Engine Oil	60
Oil Recommendation	128

## P

Parking	78
Parking on a Slope	78
Parking on a Soft Surface	78
Parking the Motorcycle	12
Passenger, Carrying Safely	9
Periodic Maintenance	81-83
Power Switch	25
Preload Adjustment, Rear Shock (CHIEF)	89
Preload Inspection, Rear Shock	88

# Index

## R

Rear Axle Inspection	91
Refueling Safety	14
Ride Height Adjustment (CHIEF)	89
Ride Height Adjustment (CHIEFTAN)	90-91
Ride Height Inspection	88
Riding Safety	6-10
Road Testing	80, 116

## S

Saddlebag Lock Switch	26
Saddlebag Removal, Hard Bag	51
Saddlebag Removal, Soft Bag	50
Saddlebags	50-51
Saddlebags, Using Safely	12
Safety Defects, Reporting to NHTSA	16
Safety Gear	10
Safety Symbols	5
Seat Installation	106
Seat Removal	106

## Security System

Changing Your PIN	115
Unlocking With PIN	114

Service Manual	4
Severe Use	81
Shift Points	74
Shifting Gears	72-74
Shock Air Pressure (CHIEFTAN)	90-91
Shock Preload Adjustment (CHIEF)	89
Shock Preload Inspection	88
Side Covers, Removal/Installation	105
Sidestand	50
Sidestand Inspection	66

## S

Sidestand Lubrication	95
Signal Words	5
Spark Plugs	105
<b>Specifications</b>	<b>124-128</b>
Speedometer, CHIEF	28
Speedometer, CHIEFTAN	33
Steering Head Inspection	93
Steering Inspection	65
<b>Storage</b>	
Battery Care	122
Clean/Protect the Motorcycle	122
Engine Protection	122
Fuel Stabilizer	122
Maintenance During	122
Motorcycle Cover	123
Removal From	123
Rodents	123
Storage Area	121
Tire Inflation	122
Suspension Inspection, Front	65, 91-92
Suspension Inspection, Rear	65
Swing Arm Inspection	91
<b>Switches</b>	<b>22-27</b>
Audio Switches	25
Auxiliary Light Switch	27
Cruise Control Switches	25
Engine Starter Switch	26
Engine Stop/Run Switch	25
Hazard Switch	25
High/Low Headlight Beam Switch	27
Ignition/Light Switch	27
Power Switch	25
Saddlebag Lock	26
Toggle Switches	27

## T

Tachometer, CHIEFTAIN	33
Testing After Servicing	80, 116
Throttle Control Inspection	95
Throttle Inspection	64
<b>Tires</b>	
Condition	103
Recommended Pressure	104
Recommended Type	104
Replacement	103
Tire Condition	61
Tire Pressure	61
Tire Pressure Monitoring System	49
Tire Tread Depth	61
Tread Depth	103
Wheel Inspection	102
Toggle Switches	27
Tone Ring/Sensor Inspection, ABS	101
Transporting the Motorcycle	14
Troubleshooting	117-119

## W

Washing the Motorcycle	120
Weight Capacity	16
Wheel Alignment	102
Wheel Inspection	102
Wheel Installation, Front	102
Wheel Spoke Inspection	102
Windshield	52
Windshield Adjustment (CHIEFTAN)	52
Windshield Care	121
Windshield Removal (CHIEF)	52