

# VMI OWNER'S MANUAL

Honda Odyssey - 2018 & Later Northstar® Conversion



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# INTRODUCTION

Congratulations on the purchase of your new Honda Odyssey Minivan equipped with the VMI Northstar® conversion.

VMI has designed and built your conversion with quality and safety in mind. We expect this new vehicle and conversion to provide you years of enjoyable transportation.

This manual is a supplement to the Honda Owner's Manual. Please read both manuals as they contain important operational and safety information. We recommend you keep both manuals in your vehicle's glovebox.

Your new vehicle may be equipped with special driving controls installed by your VMI dealer to meet your individual driving needs. These may include hand controls, power assist brake and accelerator systems, and reduced effort steering and braking systems. Before driving the vehicle, you should obtain professional driver training on the proper use of these controls to understand how these modifications may affect the handling of your vehicle.

The VMI conversion carries a limited warranty that covers the conversion modifications and alterations only. The Honda vehicle carries a separate warranty. If a defect or a failure is a direct result of a VMI modification, it will be covered under the VMI Limited Warranty. A defect or failure on any original equipment NOT altered by VMI is covered under the Honda warranty. Please refer to the VMI conversion maintenance requirements and the limited warranty information in this manual to familiarize yourself with the coverage and exclusions.

SHOULD YOUR VEHICLE REQUIRE SERVICE OF ANY KIND, PLEASE CONTACT YOUR VMI AUTHORIZED MOBILITY EQUIPMENT DEALER. TO LOCATE A DEALER IN YOUR AREA, PLEASE GO TO VMIVANS.COM.

#### **TRADEMARKS**

Product names mentioned in this manual may be trademarks or registered trademarks of their respective companies and are hereby acknowledged.

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### DISCLAIMER

This manual was reviewed thoroughly for accuracy. All statements, technical information, and recommendations contained herein and in any guides or related documents are believed reliable, but the accuracy and completeness thereof are not guaranteed or warranted. They are not intended to be, nor should they be understood to be, representations or warranties concerning the products described.

VMI is constantly improving its products and reserves the right to make changes in the specifications of products or in this manual at any time without notice and without obligation to notify any person of such changes.

### **RECORD OF REVISIONS**

Document Number	Revision Level	Date	Reason for Change
DOC2014	1.2	February 2021	Update

# **SAFETY PRECAUTIONS**

- Read your VMI and Honda Owner's Manuals before operating the vehicle or any of its
  conversion equipment. There is important safety and operational information you must
  know to operate this vehicle and its equipment properly. Failure to do so may result in
  property damage or bodily injury.
- In addition to reading the manuals, you must ensure your VMI dealer instructs you on the use of your conversion and its safety features before operating the vehicle or the conversion.
- There must be approximately 8 feet of clearance on the passenger side to allow safe ramp deployment plus an additional 4 feet for the wheelchair occupant to maneuver.
   Allow additional clearance if assistance is required.
- Before operating the ramp, make sure the vehicle's transmission is in PARK and the parking brake is SET. Failure to do so may result in property damage or bodily injury.
- The Odyssey is equipped with a Park/Drive shift interlock system that does not allow you to drive with the ramp deployed OR the passenger side slider door open. The vehicle will not shift from PARK to DRIVE unless the ramp is fully stowed. If the door ajar light shows two doors open when they are closed or the driver's seat belt light is on but the seat belt is fastened, this means the Park/Drive shift interlock is engaged. Once the ramp is stowed and all doors are closed, the signal lights will turn off and the vehicle is ready to drive.
- Do not operate the ramp, load, or unload the vehicle if traffic or road conditions do not allow you to do so safely.
- All wheelchairs and scooters, occupied or not, must be properly restrained prior to vehicle operation. Failure to do so may result in property damage or bodily injury.

#### **WARNING**

Please familiarize yourself with the safety information provided in this manual. If you have any questions or concerns regarding the proper operation of your vehicle or any of its safety features, please contact your VMI dealer or call VMI directly at 855-VMI-VANS (864-8267).

### **WARNING**

Beware of ramp slope!





- Before activating any of the conversion control switches to close the door and stow the ramp, the ramp and door area must be clear of operator and bystanders. DO NOT operate if any person or object is on the ramp. Doing so may result in property damage or bodily injury.
- All occupied wheelchairs MUST be facing forward to be properly secured.
- Stowable seats must be properly secured, latched, and locked before occupying seats or operating vehicle.
- Your vehicle has been fitted with a manual wheelchair-strap restraint system. You have been provided one set of four wheelchair restraint straps and one lap/shoulder belt extension strap. Though these restraints are widely used within our industry, they DO NOT guarantee successful and safe securement of wheelchairs or scooters.
- DO NOT sit in a scooter while the vehicle is in motion. If you plan to occupy a wheelchair while the vehicle is in motion, VMI cannot guarantee the restraint system will adequately restrain the occupant and/or wheelchair if an

- accident occurs at any speed. VMI relies solely on the warranties and representations made by the restraint belt set and wheelchair manufacturers.
- DO NOT sit in a wheelchair without proper head and neck support while vehicle is in motion. VMI cannot guarantee the safety of the wheelchair occupant if an accident occurs at any speed.
- Your vehicle's fuel system has been modified by VMI. Although the possibility of experiencing problems with the modified fuel system is unlikely, it is important that you be aware that these modifications were performed. If you experience any fuel system problems, contact your VMI dealer or Honda dealer immediately and discontinue the use of your vehicle until the issue is resolved.
- Your new vehicle may be equipped with special driving controls installed by your mobility dealer to meet your individual driving needs. These may include hand controls, power assist brake and accelerator systems, and reduced effort steering and braking systems. Before driving your vehicle,

- you should obtain professional driver training on the proper use of these controls to understand how these modifications may affect the handling of your vehicle.
- Before exiting the vehicle, the wheelchair occupant MUST check to make sure the door is open and the ramp is fully deployed to the ground.
- The wheelchair occupant may require assistance entering and exiting the vehicle, depending on the abilities of the person and the type of wheelchair system (motorized, presence of rear wheels, etc.) or scooter.
- Restraints should not be held away from the body by any obstacles such as wheelchair armrests. Ensure nothing is between the restraints and the occupant.
- Please adhere to all securement related instructions in this manual and instructions made by the restraint manufacturer before operating the vehicle. Improper installation, adjustment or use may result in, and may not be limited to, the restraint system failing to perform as anticipated.

# **EQUIPMENT GUIDE**

To help you navigate this owner's manual, have your mobility dealer indicate the items or options installed on your minivan conversion.

VMI MOBILITY DEALER INSTALLED EQUIPMENT

# CONTROL SWITCH OPERATION

### **ONE-TOUCH OPERATION SWITCHES**

The VMI conversion is equipped with a One-Touch operating system. To activate the One-Touch operating system use the OEM remote keyless entry transmitter or any one of the interior control switches outlined in this manual.

### **OEM REMOTE KEYLESS ENTRY TRANSMITTER**

To activate the One-Touch conversion functions, push and hold the passenger sliding door button on the transmitter until the conversion activates, then release the button.

# **Open Function**

Pressing the passenger sliding door button on the transmitter activates the OPEN functions. The power door opens, the kneel system lowers the rear of the vehicle, and the ramp deploys.

### **Close Function**

Pressing the button again activates the CLOSE functions. The ramp stows, the kneel system raises the rear of the vehicle, and the power door closes.

### **Interrupting Conversion Operation**

If the button is pressed and held for 2 seconds while the conversion is deploying, the system will stop in place. If pressed again, the system will reverse the ramp and/or door, returning the conversion to the stowed position. If the button is pressed and held when the conversion is stowing, the system will stop in place. If pressed again, the system will reverse the ramp and/or door, returning the conversion to the deployed position.



### VMI CONVERSION STOW/DEPLOY BUTTON

The VMI Conversion Stow/Deploy Button is located on the right side of the center instrument panel. Press and release this switch to activate the One-Touch conversion function.



## **Open Function**

Unlock doors. Pressing the VMI Conversion Stow/Deploy Button activates the OPEN function. The power door opens, the kneel system lowers the rear of the vehicle, and the ramp deploys.

### **Close Function**

Pressing the VMI Conversion Stow/ Deploy Button again activates the CLOSE function. The ramp stows, the kneel system raises the rear of the vehicle, and the power door closes.

# **Interrupting Conversion Operation**

If the VMI Conversion Stow/Deploy Button is pressed while the conversion is deploying, the system will stop in place. If pressed again, the system will reverse the ramp and/or door, returning the conversion to the stowed position. If the button is pressed when the conversion is stowing, the system will stop in place. If pressed again, the system will reverse the ramp and/or door, returning the conversion to the deployed position.

# **Lighting Indicators**

- If the halo light is OFF, the conversion is inactive.
- If the halo is flashing green, the conversion is in the process of deploying or stowing.
- If the halo light blinks red 3 times at the end of a cycle, this means your 750-cycle preventative maintenance service is due.
- If the halo is solid red, the OEM battery power is low. If the red light persists, contact your VMI mobility dealer.



# POWER SLIDING DOOR DISABLE SWITCH

The Power Sliding Door Disable Switch is located on the dashboard to the left of the steering wheel.

The vehicle must be in park, and the switch be ON (red dot visible) in order for the doors to function with power. To turn the Power Sliding Door OFF, push the switch to the left.

# POWER SLIDING DOOR DASHBOARD BUTTON

Unlock doors. The Power Sliding Door Dashboard Button is located on the dashboard to the left of the steering wheel. This button activates the One-Touch conversion functions.

# **Open Function**

Pressing OPEN (bottom) of the passenger Power Sliding Door Dashboard Switch activates the OPEN functions. The power door opens, the kneel system lowers the rear of the vehicle, and the ramp deploys.

#### **Close Function**

Pressing CLOSE (top) of the passenger Power Sliding Door Dashboard Switch activates the CLOSE functions. The ramp stows, the kneel system raises the rear of the vehicle, and the power door closes.

# **Interrupting Conversion Operation**

If the Power Sliding Door Dashboard "Open" Button is pressed while the conversion is deploying, the system will stop in place. If "Open" is pressed again, the system will continue to deploy the ramp and/or door.

If the Power Sliding Door Dashboard "Close" Button is pressed when the conversion is stowing, the system will stop in place. If "Close" is pressed again, the system will continue to stow the ramp and/or door.



### **KNEEL ON/OFF SWITCH**

The Kneel On/Off Switch is located on the dashboard to the left of the steering wheel.

When in the ON position, the vehicle will automatically kneel when any conversion function switch is activated. When in the OFF position, the VMI PowerKneel® system is disabled, and the vehicle will not kneel. This may be beneficial when deploying the ramp on a high curb.

### RAMP ON/OFF SWITCH

The Ramp On/Off Switch is located on the dashboard to the left of the steering wheel. When in the OFF position, the power ramp and PowerKneel® systems are disabled and only the power door is active. The PowerKneel® and ramp systems will not function when any conversion control switch is pressed; only the power doors will function.

### POWER SLIDING DOOR PILLAR BUTTON

Unlock doors. The passenger side Power Sliding Door Pillar Button is located on the B Pillar between the front and middle doors. This button activates the One-Touch conversion functions.



# **Open Function**

Press and release the Power Sliding Door Pillar Button once to open the power sliding door and deploy the ramp.

# **Close Function**

Press and release the Power Sliding Door Pillar Button once to stow the ramp and close the power sliding door.

# **Interrupting Conversion Operation**

If the Power Sliding Door Pillar "Open" Button is pressed while the conversion is deploying, the system will stop in place. If "Open" is pressed again, the system will continue to deploy the ramp and/or door.

If the Power Sliding Door Pillar "Close" Button is pressed when the conversion is stowing, the system will stop in place. If "Close" is pressed again, the system will continue to stow the ramp and/or door.

# LED INTERIOR LIGHTING OPERATION

Additional LED interior lighting is a standard feature on the Northstar conversion.

# **Light Bar Locations**

White lighting is positioned in the following locations:

- A to B pillar, lower passenger side = 16" bar light
- A to B pillar, lower driver side = 16" bar light
- C to C panel, under bench = 16" bar light
- Center console, lower VMI panel = 6" bar light



- B pillar, lower passenger side Small round dome light
- C pillar, lower passenger side Small round dome light



# **Dash 3-Way Switch**

Dash 3-way switch is located on the lower, center dash:

- I Activated with dome lights
- O-Off
- II Activated with ignition on and while driving





# **PARKSMART**<sup>TM</sup>

VMI's ParkSmart parking sensor alerts individuals when they park or set objects too close to an accessible vehicle.

The ParkSmart sensor system can be activated or deactivated with the push of a button, and the sensors will detect ramp obstructions within 8 feet of the passenger side of the vehicle. It monitors large objects such as vehicles, motorcycles and scooters.

### **Arming the ParkSmart System**

1. The ParkSmart button is located on the passenger side C-pillar. Press the button once to arm the system. When armed, it will show a green light and the system will beep three times.



There is a two minute timer; if the passenger sliding door is not closed within two minutes, the system will disarm and beep two times.

- 2. Exit the vehicle, close the door and lock your vehicle. The system will arm within 30 seconds. Once the system is armed and the door is closed, there is a maximum of 30 seconds before the system starts to scan for objects.
- If objects are not detected, the system will go into sleep mode and scan every few seconds to prevent the vehicle battery from draining.
- 4. If an obstruction is detected, the system will sound the alarm and play a message that is audible to those near the vehicle. The alarm and message will repeat three times. The message alerts the individual that they are obstructing the accessible vehicle and asks them to clear the obstruction immediately.

The message: "Excuse me! You're blocking entry to this wheelchair accessible vehicle. Could you please move the vehicle or object so the owner can access their vehicle? Thank you so much!"

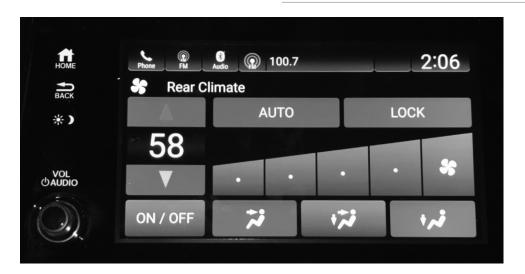
# **Disarming the ParkSmart System**

- 1. The same button that arms the system will disarm it. The button light will turn red and it will beep two times.
- 2. If the system is armed and the passenger sliding door is opened, the system will automatically disarm. If the sensor was already triggered, it will finish the first warning.
- 3. If the engine is running and the system is armed, it will automatically disarm when the vehicle shifts out of park. This prevents the system from engaging while driving or stopped at a light.

# 3<sup>RD</sup> ROW AIR CONDITIONER OPERATION

The rear climate can be controlled from either the control panel above the sliding door or the touchscreen on the front dash. You may choose to turn on just the vents in the mid-row (B Pillar), just the vents in the third row (C Pillar), or both at the same time by following these instructions.







# Both Head & Feet = Both Mid-Row and 3<sup>rd</sup> Row Air Flow

Setting the rear climate mode to both head and feet will allow air flow to both the mid-row and the third row. We recommend using this setting to get air flow throughout the cabin.



# **Head Only = Mid-Row Air Flow**

Setting the rear climate mode to head only will allow air flow to only the mid-row. The third row will get no air on this setting.



### Feet Only = Third Row Air Flow

Setting the rear climate mode to feet only will allow air flow to only the third row. The mid-row will get no air on this setting.

# NORTHSTAR® CONVERSION OPERATION

The Northstar conversion is equipped with the VMI One-Touch operating system. This system operates the door, kneel, and ramp automatically with a single touch of any of the interior control switches outlined in this manual or the OEM remote keyless entry transmitter.

The Northstar ramp deploys from and stows into the vehicle floor on the passenger side. Before operating the power door and power ramp, the doors must be unlocked and the vehicle transmission must be in PARK.



### **WARNING**

Before operating the power door and power ramp, make sure the passenger side area of the vehicle is clear and unobstructed.

Allow approximately 8 feet for the ramp to deploy beyond the side of the vehicle plus an additional 4 feet for the wheelchair occupant to maneuver. You may wish to increase this distance if the wheelchair occupant requires assistance from another person.

### OPEN DOOR AND DEPLOY RAMP

Ensure the Kneel ON/OFF Switch and the Ramp ON/OFF Switch (pg 10) are in the ON position.

Activate the OPEN function of any conversion control switch.

The door and PowerKneel® will operate simultaneously. Once the door has fully opened, the Northstar ramp will extend from the floor and lower to the ground.

### STOW RAMP AND CLOSE DOOR

Activate the CLOSE function of any of the conversion control switches.

The Northstar ramp will raise several inches off the ground and retract into the conversion floor; the PowerKneel® will simultaneously raise the vehicle to normal driving height. The power door will then close automatically.

### **OPERATE DOOR MANUALLY**

With the ramp in the fully stowed position, the sliding door may be opened or closed manually at any time. In order to open/close the door without power, the OEM power switch must be turned off. Refer to your Honda Owner's Manual for operating instructions.

### **WARNING**

DO NOT stow the ramp if a person is on the ramp. This could cause ramp system damage or serious bodily injury.



#### **OPERATE RAMP MANUALLY**

Obtain the operating crank located underneath the rear bench. Use the crank to remove the cover plate, located on the conversion floor near the driver side sliding door, to access the crank receiver.



Insert the crank into the receiver and rotate counter-clockwise until the end of the ramp is fully deployed and is resting on the ground.

To stow the ramp, turn the crank clockwise until the ramp is fully retracted into the conversion floor and the crank stops.

**NOTE:** This procedure is also outlined in the EMERGENCY PROCEDURES section in this manual. Before deploying the ramp, make sure passenger sliding door is OPEN.

# **SURE DEPLOY® OPERATION**

SURE DEPLOY is a backup Northstar ramp deployment system that uses a self-contained backup battery to operate the ramp if the standard electronic system fails. The SURE DEPOY back up battery self-charges as the vehicle is driven.

The SURE DEPLOY Power Switch is located near the driver side of the rear bench. The SURE DEPLOY controls are designed to prevent accidental operation and to prevent inadvertent child use. The system operating switches are located on the driver's side C pillar (panel rear of the sliding door).



### **WARNING**

The SURE DEPLOY® backup ramp operation system is to be used only in the event of power ramp failure. The SURE DEPLOY® is not to be used for routine ramp deployment or retraction. In the event of a power ramp failure, operate the system using the SURE DEPLOY® as little as possible and see your VMI mobility equipment dealer at your earliest convenience.

#### **USER CONTROL**

- Press and hold the SURE DEPLOY®
   Power Switch for 4 seconds. The system emits a long, steady beep, and the system engages.
- 2. The system sounds a series of intermittent beeps for 25 seconds. The ramp will operate during this time.
- 3. Press and hold the Ramp IN/OUT
  Switch to operate the ramp in or out. If
  you release the switch during this time,
  the ramp stops and remains stationary.
  While the beeps sound, the ramp will
  operate in or out when the switch is
  pressed again. If the beeps stop, you
  must reengage the system.
- 4. The system automatically disengages after 25 seconds. To disengage the system manually, press and hold the SURE DEPLOY® Power Switch for two seconds. The beeping stops, indicating the system is disengaged.
- 5. If you are using the ramp (in or out) for more than 25 seconds and are constantly pressing the button, the system will automatically restart with another 25-second time limit.



**NOTE**: Before deploying the ramp, make sure passenger sliding door is OPEN.

**NOTE:** If either of the sliding doors are open when battery power is restored, the door(s) must be closed manually before the conversion control switches will operate properly.

### LOW BATTERY DETECTION

The SURE DEPLOY® system is equipped with an audible warning signal to alert the vehicle user that the SURE DEPLOY® backup battery is low in charge or faulty.

#### **FAULT BEEP**

The buzzer beeps once a second when one of the following occur:

- Faulty or missing backup battery detected
- Backup battery voltage drops below 6 volts during backup ramp motor operation
- · Maximum charge time exceeded

The buzzer beeps for 20 seconds after initial fault detection. The vehicle turns off, and the unit goes into standby mode.

# MAXIMUM CHARGE TIME FOR BACKUP BATTERY

High continuous current charge time is limited to 10 hours. This should be sufficient to charge the backup battery. Longer charging times may indicate a problem with the battery or wiring, and a fault beep will sound.

# **SEATING AND SECUREMENT**

### REMOVABLE INTERCHANGEABLE FRONT SEATS

Your VMI Northstar vehicle is equipped with removable and interchangeable driver and passenger front seats. If you wish to utilize the interchangeable front seat feature of your vehicle, you will need to have a Rigid Lap Belt Extension. If you do not have one, see your VMI mobility dealer for details on ordering. Complete operation and installation instructions are included with the kit.

**NOTE:** Make sure vehicle ignition is OFF prior to disconnecting the seat wiring plugs.

**NOTE:** Disconnect the seat wiring plugs prior to seat base removal from the minivan. Failure to do so may result in damage to the seat wiring and the seat wiring harness.

**NOTE:** When the driver seat is installed in the passenger position and/or the passenger seat is installed in the driver position, the side seat airbag will be disabled.

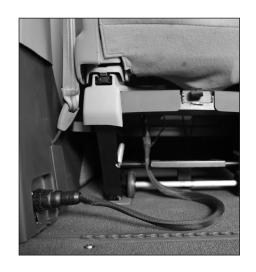
# **Seat Wiring**

The front vehicle seats may be equipped with power adjustment, heat, driver memory, airbag sensors, etc. The seat functions are connected with a wiring plug to a connector outlet located in the lower A-B panel next to the seat base.

The connector outlets on each side of the vehicle are the same and can be interchanged with either of the front seats.

#### **WARNING**

The air bag warning light is an indication of a malfunction in the air bag system and must be serviced by an authorized service technician.



# **Removing the Front Seats**

- 1. Turn the vehicle ignition OFF.
- 2. Tilt the seat back forward to keep it from tipping backwards.
- Disconnect seat wiring. Turn the outer ring of the cable connector counterclockwise, and pull the cable out of the connector. Place the end of cable in the clip under the seat.



4. Pull the seat base release strap OUT. While holding the seat base release strap OUT, lift up the rear of the seat and pull it backwards.

# **WARNING**

Make sure ignition is OFF before disconnecting the harness.



# **WARNING**

Make sure the seat is in the forward position before removal or it may fall backwards.

- 5. Release the seat base release strap and lower the rear of the seat base to the floor of the vehicle. The rear seat base wheels will automatically lower so that the seat and base can be easily rolled out of the vehicle.
- 6. Pull the seat out of the front securement brackets and remove seat from vehicle or move to the opposite position.



# **Installing the Front Seat**

The installation procedure is the reverse of the removal procedure.

- 1. Make sure the vehicle ignition is OFF.
- Position the seat by rolling the seat forward over the seat anchors in the floor with the front seat base hooks aligned with the front securement brackets.



- 3. Push the seat forward until the front seat base hooks engage with the front securement brackets.
- 4. Align rear seat latches over rear securement brackets.



 Step on wheel retraction lever to raise the rear wheels. The rear seat base latches will drop onto and engage the rear securement brackets.



### **WARNING**

Failure to reconnect seat base plug into the connector outlet will result in an inoperative power seat and a non-functional seat airbag.

## **WARNING**

Failure to ensure seat is secure to the vehicle floor may result in serious bodily injury.

- Grasp the seat at the top of the seat back, pull back, and push forward to ensure the seat base has locked to the floor anchors.
- 7. Align the yellow dot on the plug to the 12:00 position. Insert the seat base plug into the connector outlet and twist the outer ring clockwise until it locks.



### WHEELCHAIR RESTRAINT SYSTEM

VMI includes a wheelchair restraint system in every conversion to secure a wheelchair while the van is in motion. This belt system includes four adjustable over-center buckle belts and one lap belt extension belt. While this manual contains instructions to use the system, the kit included with your conversion contains a more detailed set of instructions. Read both and consult with your VMI dealer about the proper use of this system.

### **WARNING**

The VMI supplied wheelchair restraint system does meet the most widely referenced Federal Motor Vehicle Safety Standards used for contemporary restraint equipment. However, this equipment does not ensure stability of the wheelchair in the event of an accident at any speed.

### Over-Center Belt (4 supplied)



Lap Belt Extension (1 supplied)

### VEHICLE LOAD CAPACITY

**SAFETY WARNING:** Loading of passengers and cargo should never exceed vehicle limits.

It is important that any operator of the VMI Honda Odyssey conversion vehicle understands that the installation of adaptive equipment has necessarily added weight to the original Honda vehicle, thereby reducing the load carrying capacity of the original vehicle. While the vehicle, as manufactured by VMI, meets all applicable Federal Safety Standards concerning vehicle loading, it is important that the load carrying capacity never be exceeded.

Owners and Operators should carefully monitor their loading of passengers and cargo (defined to include any and all additional weight, added to the vehicle) to ensure that the capacity of the vehicle is never exceeded.

### **WARNING**

Modifications to the original Honda Odyssey by VMI and by any subsequent mobility dealer have reduced and limited the load capacity of the original vehicle. The total weight of passengers and cargo should never exceed the load capacity posted on the driver side door jamb. Overloading of the vehicle may negatively impact handling and could result in vechicle damage or failure while in use. It may not only cause damage to the tires, but also degrade steering and braking ability, resulting in an accident.

The load carrying capacity of this modified vehicle is found on the *Tire and Loading Information Label* located on the driver side front door jamb. It is important that you know the capacity of your vehicle and that you and any operator of your vehicle monitor the loading of passengers and cargo to ensure that the weight capacity of the vehicle is not exceeded. Damage to the vehicle or vehicle systems from overloading may lead to catastrophic failure, either immediately or in the future, if this vehicle is operated in an overloaded condition.

In addition, a VMI dealer or other adaptive equipment supplier may have added or installed adaptive equipment or other equipment to the vehicle. The primary user of the vehicle will likely use a mobility device (wheelchair or scooter). The weight of all this additional equipment and the mobility device must be included when calculating the combined load of cargo and passengers.

# Steps for Determining the Load Limit of This Vehicle

- 1. Locate the statement "The combined weight of the passengers and cargo should never exceed xxx kg or xxx lbs" on the Tire and Loading Information Label in the vehicle, located on the driver side front door jamb.
- 2. Identify and determine the weight of all added adaptive equipment and mobility devices to be used in the vehicle. Consult your VMI dealer if this is not clear to you.
- Determine the additional combined weight of the driver and passengers and other cargo in the vehicle.
- 4. Subtract the weight of all added equipment, mobility device, and the combined weight of the driver and passengers from xxx kg or xxx lbs posted on the Tire and Loading Information Label.
- 5. The resulting figure equals the available amount of cargo and luggage load capacity and should never equal 0 or a negative number.

**Example:** If xxx = 1100 lbs, the added equipment and mobility device = 240 lbs and there will be four 150 lb passengers using this vehicle, the amount of available cargo capacity is 260 lbs (since 4 passengers x 150 lbs = 600 lbs and 1100 lbs - 240 lbs - 600 lbs = 260 lbs). The amount of additional passengers and cargo should not exceed the remaining 260 lbs.

Again, it is important to the safety of your vehicle, your passengers and those operating your vehicle, as well as those around you, that the owner and operator are always aware of the load capacity of your vehicle and confirm that the load capacity of the vehicle is not exceeded. A deterioration in handling, vehicle damage, and failure while in use may occur if systems are overloaded. You are responsible for the safe operation of your vehicle!

#### **Your Calculations:**

1. Total load capacity of your VMI h	Honda:
	lbs
<ol> <li>Weight of your additional adapti equipment and mobility devices operator's weight (including whom or scooter):</li> </ol>	and
	lbs
3. Subtract line 2 from line 1:	lbs
4. Add 100 lbs for each front seat removed:	
	lbs
5. Remaining capacity available for and passengers on any trip:	cargo
	lbs

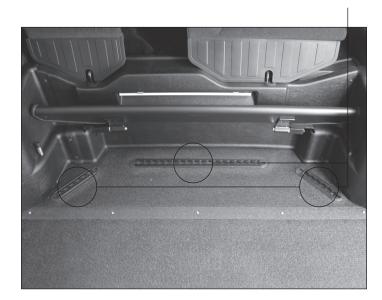
# **RESTRAINT BELT POSITIONING**

The photos below show the locations of the standard floor tracks.

**NOTE:** VMI does not provide wheelchair securement hardware for wheelchair drivers. Contact your mobility dealer for available options on the procedure for each of the four designated positions.

Front Tracks Middle Tracks Rear Tracks





There must be a straight line from the anchorage to the wheelchair attachment for proper belt angles. See **Figure 1** for proper belt angles.

Attach the tie down to a solid frame member of the wheelchair.

Ensure belts are under tension and not loose or sagging.

Install the tie down anchorage with center-to-center distance as shown in Figure 2.

Do not allow belts to be twisted inside the belt retractor. The recommended center-to-center distances are based on common wheelchair sizes. Exceptionally large or small wheelchairs may require anchorage spacing that differs from our recommendation. Use the belt angles from Figure 1 to determine exact placement of the tie down in the "L" track.

Each of the four supplied tie downs secures the wheelchair to the vehicle's "L" tracks. The seat-belt extension is provided to use with the vehicle's seatbelts.

Figure 1

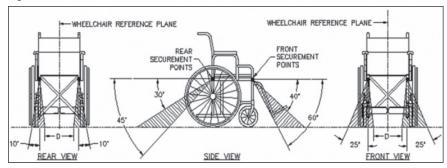
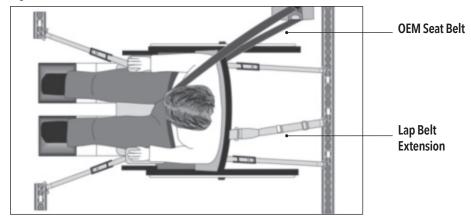


Figure 2



**Rear:** 13" to 15" **Front:** 28" to 30" **Front to Rear:** 44" to 54"

# RESTRAINT SYSTEM ATTACHMENT TO FLOOR TRACK

#### Instructions for Use

- 1. Place wheelchair in the vehicle facing forward and in a suitable position.
- 2. Pre-select a position on the wheelchair to attach the hook and a position on the floor to attach the floor latch end of the strap.
- 3. Release the buckle latch on the strap. With the buckle released, pull the webbing to create enough slack so that the restraint belt can be attached to the floor and the wheelchair. Attach the restraint belt to the wheelchair.



4. Connect the floor latch to the preselected location on the floor track by pushing the fitting with even pressure into the track and slide the fitting in one direction until spring loaded latch drops into place. Pull on the strap to make sure it is secure.



5. Find the handhold strap and pull to tighten the strap. Make sure there are no twists or knots in the strap.



6. Lock buckle by pushing down until the buckle latch locks in place.



7. Ensure the same procedure is followed for all of the designated positions.

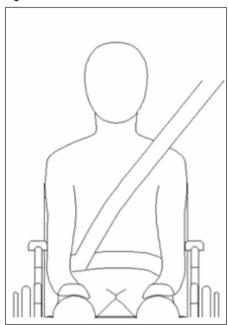
# **Lap and Shoulder Belts**

To secure an occupant in a wheelchair use the OEM seat belt in conjunction with the supplied lap belt extension. Clip the lap belt extension to the floor of the vehicle behind the wheelchair as shown in Figure 2 on page 25. Insert the OEM seat belt tongue into the lap belt extension receptacle. When using the lap belt extension, do not route any belt over the side panel or the armrest of the wheelchair. The occupant must wear seat belts against the body and low across the front pelvis with the junction between the lap and shoulder belts located near the occupant's hips as shown in Figure 3.

Adjust the extension at the adjuster buckle. The lap and shoulder belts must not be held away from the body by the wheelchair or any of its components.

Adjust the belts firmly, consistent with user comfort. Use the vehicle belt height adjustor if necessary. The belts must not be twisted.

Figure 3



If the supplied lap and shoulder belts cannot secure the wheelchair occupant according to the instructions in this manual, contact your mobility dealer for other options.

### **WARNING**

If the belts do not restrain the body properly, the wheelchair must not be occupied during operation of the vehicle.

Consult your mobility dealer if additional securement measures are necessary to ensure the wheelchair and occupant are secure.

# REAR BENCH FOOTREST OPERATION

This vehicle is equipped with a folding rear bench footrest for passengers sitting in the third row.

# **Deploy the Footrest**

To deploy, pull the footrest down until it is fully extended.



# **Stow the Footrest**

To stow, pull the footrest to the upright position, as shown in the image below.



# **WARNING**

The footrest is NOT a weightbearing step. Too much weight may damage the footrest.

# **EMERGENCY PROCEDURES**

### SURE DEPLOY® BACKUP SYSTEM

SURE DEPLOY® is a backup Northstar ramp deployment system that uses a self-contained backup battery to operate the ramp if the standard electronic system fails. Try this option first if the ramp does not respond to the One-Touch operating system.

For complete SURE DEPLOY® operation instructions, see pages 16-17.

### **NORTHSTAR® RAMP MANUAL OPERATION**

If there is an electrical or system failure, the ramp may be deployed or stowed manually. Obtain the operating crank from underneath the rear bench.

Using the crank rod as a lever, remove the cover plate to access the crank receiver.







# **Deploy Ramp Manually**

Insert the crank into the receiver and rotate counter-clockwise until the end of the ramp is fully deployed and is resting on the ground.

# **Stow Ramp Manually**

Turn the crank clockwise until the ramp is fully retracted into the conversion floor and the crank stops.

### POWERKNEEL® OVERRIDE

If the PowerKneel® system becomes stuck in the DOWN position, use the following override procedure until the system can be serviced by a VMI mobility dealer.

- Turn off PowerKneel® switch located on the dashboard left of the steering wheel.
- 2. Locate the PowerKneel® override switch behind the rear bench on the driver's side of the vehicle.
- 3. Push the toggle up, and the PowerKneel® motor will return the van to the normal drive height.
- 4. If the PowerKneel® system is still inoperable you may drive the vehicle with the system in the kneeled position with the PowerKneel® switch turned OFF until proper service is obtained.



# **VEHICLE TOWING INSTRUCTIONS**

Refer to your Honda Owner's Manual for proper vehicle towing instructions.

### **EMERGENCY FLAT TIRE REPAIR**

Standard equipment on the VMI Honda conversion is a tire sealant and inflation kit. These kits are widely used by auto manufactures in lieu of a spare tire and jack due to space constraints in modern vehicles.

### **Sealant and Inflation Kit**

To repair a flat tire using the supplied tire sealant and inflation kit, locate and remove the kit from the storage compartment located in the vehicle's rear cargo area. Open the kit and follow the supplied instruction sheet.

# **OEM Spare Tire and Jack** (optional)

If your vehicle is equipped with a spare tire and jack, they are placed in a box and located in the cabin of the vehicle. Refer to your Honda Owner's Manual for detailed information concerning safety and the use of this equipment.



#### **Jack Pad Locations**

Because the vehicle frame is modified as part of the conversion, the jacking locations have been relocated and special jack pads installed.

Shown below are the only VMI-approved locations for the OEM jack to lift the vehicle safely. Using the OEM jack to lift the minivan from any other location may result in damage to the vehicle frame and/or conversion components and could result in serious bodily injury. The OEM jack should fit securely in the conversion jack pad.





**Rear** in front of rear tire

Front behind front tire

# MAINTENANCE AND WARRANTY

It is important to perform scheduled inspection and maintenance on VMI conversion products and restraint components to provide safe and trouble-free operation and to comply with the VMI Limited Warranty. Failure to comply with at least the minimum required maintenance may nullify your warranty. The following is the required minimum maintenance schedule to be followed.

**NOTE:** Vehicles operated in environments subject to snow, road sand and salt, dust, rain, and temperature extremes may require maintenance that is more frequent.



## VMI CONVERSION SCHEDULED MAINTENANCE PLAN

**NOTE:** If the VMI Conversion Stow/Deploy front dash button blinks red 3 times at the end of a cycle, this means your 750-cycle preventative maintenance service is due. See page 8 for complete lighting indicators.

Must be Performed Every 6 Months or 750 Ramp Cycles by an Authorized VMI Dealer			
Power Door System	Ramp System		
<ul> <li>Check proper door operation. Adjust door and/or limit switches as necessary.</li> <li>Inspect and clean driver side and passenger side lower sliding door tracks and remove any debris from the track to ensure smooth door operation.</li> <li>Check door cable for unusual wear or fraying. Check lower, middle and upper rollers for wear or damage; replace as required.</li> <li>Inspect and replace normal wear items as required.</li> </ul>	<ul> <li>Remove floor plate and inspect ramp operation.</li> <li>Inspect ramp mechanism for loose fittings, alignment, and abnormal wear.</li> <li>Clean and lubricate ramp drive mechanisms as needed.</li> <li>Inspect and clean ramp sensors and limit switches.</li> <li>Check SURE DEPLOY® system operation and battery.</li> <li>Inspect and replace normal wear items as required.</li> </ul>		

Must be Performed Every 12 Months or 1,500 Ramp Cycles by an Authorized VMI Dealer			
PowerKneel® System	Undercarriage Inspection		
<ul> <li>Inspect entire PowerKneel® mechanism for loose fittings, alignment, and abnormal wear</li> <li>Clean and lubricate kneel drive mechanisms</li> <li>Inspect kneel switches</li> <li>Verify PowerKneel® back up operation is functional</li> </ul>	<ul> <li>Check undercarriage for component damage</li> <li>Check undercarriage for rust or corrosion and repair as needed</li> <li>Check electrical connection at battery for corrosion</li> <li>Check main ground near VMI control module</li> <li>Inspect and replace normal wear items</li> </ul>		

Expenses associated with the above scheduled maintenance are not covered under the VMI limited warranty program.

DATE	DATE	DATE
DESCRIPTION	DESCRIPTION	DESCRIPTION
DEALERSHIP	DEALERSHIP	DEALERSHIP

DATE	DATE	DATE
DESCRIPTION	DESCRIPTION	DESCRIPTION
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#### VMI LIMITED WARRANTY

The VMI Limited Warranty modifies the standard Honda Limited Warranty on this vehicle. Modifications to the vehicle made by VMI, components installed by VMI, and Honda components and systems affected by VMI modifications and components are NOT covered by the Honda Limited Warranty.

VMI offers one of the most extensive conversion service warranties in the mobility industry. Our warranty, outlined herein, warrants the structural metal. fabrication on or of the VMI frame and components from rust-through corrosion or otherwise fail due to structural perforation for a period of 7 years (unlimited vehicle odometer miles). Surface corrosion on weld joints are excluded. Corrosion that resulted from damage to the conversion are excluded. Prior to filing a claim for rust-through corrosion, the owner must provide verification of timely maintenance inspection for corrosion outlined in the Maintenance Schedule of this manual.

**NOTE:** Applies to 2021 model year chassis and newer with new conversions.

The time periods will commence upon first delivery of the vehicle from VMI or a VMI dealer to the initial retail purchaser of the vehicle or the date that the vehicle was first placed into service, whichever comes first. Note that the VMI Limited Warranty, which covers the VMI conversion, is separate from the Honda Limited Warranty, which covers components of the Honda vehicle not affected by the conversion process.

To determine warranty coverage, the following shall apply:

- Vehicles shall be defined as either "VMI Supplied" or "Customer Supplied."
- Based on its designation, the warranty start date and coverage limits shall differ.

#### **VMI Supplied Vehicles**

For the purposes of determining warranty coverage, "VMI SUPPLIED" vehicles shall be defined as vehicles that were purchased new from Honda (by VMI) with the express purpose of installing a mobility conversion and are sold to consumers as a USED vehicle.

The original date of purchase should be stated in your sales contract.

Since the Honda Limited Warranty commences the date VMI purchases the vehicle, Honda has added 9 months to the warranty. Please note that all Honda vehicles sold here are sold with a used title. The vehicles were purchased new from Honda with the express purpose of installing a mobility conversion and are sold to consumers with a warranty that runs until the first to occur of:

- a. 45 months from the date of purchase of the vehicle by VMI Holdings, LLC (VMI) from Honda's authorized dealer; or.
- b. 36 months from the date of purchase
   by the consumer from VMI or VMI's
   dealer; or,
- c. 36,000 miles

If you have any questions about the original purchase date of your vehicle by VMI from an authorized Honda dealer please contact your local mobility equipment dealer.

# **Customer Supplied Vehicles**

For the purposes of determining warranty coverage, "CUSTOMER SUPPLIED" vehicles shall be defined as, vehicles that were purchased NEW from an authorized Honda dealer, by a private consumer, and subsequently shipped to VMI for conversion.

The VMI Limited Warranty will commence on the date the converted vehicle is delivered to the end-user. The VML warranty will be 36 months or 36,000 miles from the Odometer reading at the time of conversion. The 36 month, 36,000 mile Honda Limited Warranty commences when the vehicle was originally sold to the first retail purchaser. Subject to the terms of the VMI Limited Warranty, VMI will repair or replace any VMI factory installed part that is found to be defective within the above stated warranty period. VMI will reimburse VMI factory authorized repair facilities for labor costs associated in the repair or replacement of defective parts or workmanship. The reimbursement may be based on a VMI "Flat Rate Schedule." Warranty work that is performed at a facility that is NOT an authorized VMI

Service Facility will only be reimbursed to the amount determined by the flat rate schedule or a labor rate as determined by VMI. VMI reserves the right to designate where warranty work is to be performed and reserves the right to inspect any claim of defective workmanship or parts prior to authorization of repairs. VMI makes no guarantee or representation as to the location of the nearest VMI dealer or as to the convenience of having work done at such location. The VMI Limited Warranty does not apply to parts or workmanship that becomes defective due to misuse. neglect, abuse, normal wear and tear, or accident by the operator of the vehicle or by unauthorized repair work.

For your approved VMI factory authorized repair facility, you can go to our website at **vmivans.com** or contact us by mail or telephone:

VMI Customer Advocate Center 5202 S. 28th Place Phoenix, AZ 85040 855-VMI-VANS (862-8267)

# **Transfer of Warranty**

If the vehicle is sold, the remainder of the VMI Limited Warranty may be transferred to the second owner within 90 days of the purchase. To transfer the warranty, the new owner must send a written request to VMI, including full name, address, phone number, and the VMI ID number located on the inside driver door jamb.

## **Design Changes**

VMI reserves the right to make design or process changes to improve its current product without any obligation to update or retrofit previously converted vehicles.

Shipments of parts under the VMI Limited Warranty will be sent by ground UPS only. If you request overnight or second-day shipment, that shipment will be sent freight collect.

# What Is Not Covered by This Limited Warranty

The above stated warranty is the entire warranty made by VMI to the purchaser. Specifically, VMI does not warrant any other part or portion of the vehicle

other than that manufactured by VMI. Without limitation, this warranty is not intended to cover the vehicle's frame. engine, transmission, transaxle, front and rear wheel drive components, restraint systems (including airbags and seat belts), brakes, battery, heating system, air conditioning system, tires, ignition system, emission system, electronic and computer systems, or any other part of the vehicle, except for those fabricated, modified or altered by VMI and then only to the extent of such fabrication, modification or alteration. This warranty is not intended to replace or substitute any other warranties issued by the original manufacturer of the vehicle or other supplier of parts or components thereto. Warranty claims regarding problems with any part of your vehicle not fabricated by VMI will be referred to the original manufacturer of your vehicle. Consult the original manufacturer owner's manual for information regarding those warranties.

This warranty shall not cover any defect or problem existing in the vehicle at the time it arrives from the original vehicle manufacturer for subsequent modification by VMI. Warranty claims regarding such pre-existing problems must be brought against the original manufacturer of the vehicle. Consult the original manufacturer owner manual for information regarding those warranties.

The VMI Limited Warranty will not apply if the VMI parts or VMI modifications become defective due to use other than what is stated in the VMI Owner's Manual.

The VMI Limited Warranty does not cover towing, rental or loaner vehicles, lodging, travel expenses, lost wages, or any other incidental expenses associated with warranty repair.

The VMI Limited Warranty is void if the vehicle is declared to be a total loss by an insurance company, the vehicle is rebuilt after being declared to be a total loss by an insurance company or the vehicle is issued a certificate of title indicating that it is designated as "salvage," "junk," "rebuilt," or "scrap" or some similar word.

VMI will deny warranty coverage without notice if it learns that a vehicle is ineligible for coverage for any of these reasons.

This Warranty does not cover maintenance of the VMI conversion.

Maintenance shall be performed at owner's expense.

VMI neither assumes, nor authorizes, any person to assume for it, any obligation or warranty other than herein stated.

#### **Exclusion of Other Warranties**

This warranty is exclusive and in lieu of any warranty of merchantability, fitness for a particular purpose, or other warranty of quality, whether express or implied, and of all other liabilities and obligations on the part of VMI.

## **Warranty Registration Requirement**

The warranty registration card must be completed by the VMI dealer and returned to VMI within 10 days of vehicle delivery to customer along with the VMI Pre Delivery Inspection checklist to validate any of the above stated warranties.

# **Your Rights Under State Law**

This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

# **Summary of Warranty Coverage**

## Structural (Rust / Corrosion)\*:

Warranted for 7 Years (unlimited miles) from rust-through corrosion (perforation) of the structural metal fabrication on or of the VMI frame and components on new conversions from vehicle delivery date. Surface corrosion on weld joints are excluded. Corrosion that resulted from damage to the conversion are excluded.

**NOTE:** Applies to 2021 model year chassis and newer with new conversions.

#### Electrical\*:

3 Years / 36,000 Miles\*\* Parts and Labor

**Electro-Mechanical Kneeling System\*:** 3 Years / 36,000 Miles\*\* Parts and Labor

#### **Modified Seat Bases\*:**

3 Years / 36,000 Miles\*\* Parts and Labor

#### Power Door Operators\*:

3 Years / 36,000 Miles\*\* Parts and Labor

#### Ramp System\*:

3 Years / 36,000 Miles\*\* Parts and Labor

VMI Fabricated & Installed Equipment\*: 3 Years / 36,000 Miles\*\* Parts and Labor

VMI Mechanical & Structural Conversion\*: 3 Years / 36,000 Miles\*\* Parts and Labor

- \* Must follow the required maintenance schedule as outlined on page 33.
- \*\* Whichever occurs first

## **How to Obtain Warranty Service**

If you encounter any difficulties with your minivan, you should first contact the VMI Mobility Equipment Dealer ("MED") from whom you purchased the minivan or, if you are outside that MED's local area, the nearest VMI MED. A list of VMI MEDs can be obtained by dialing 855-VMI-VANS (864-8267).

If the VMI MED believes that your problem would more effectively be dealt with by an authorized Honda dealership (for example, if the problem pertains to automotive parts covered by the Honda LIMITED WARRANTY), you will be referred to a local Honda dealership for warranty service. If the minivan cannot be operated safely, transportation of your minivan to

and from the Honda dealership will be arranged by the MED and you will be advised by the MED where and when to pick up your vehicle. If the vehicle can be safely operated, it may be more efficient for you to drive the vehicle to the designated Honda dealership for warranty service, in which case you should make certain that the MED fills out the Service Information Form, and you should bring it to the designated Honda dealership.

If you are unable to bring the vehicle to a MED and need to bring it to a Honda dealer (for example, if you experience a problem where there is no MED nearby), please present the Service Information Card (pg 45) to the Service Manager of the Honda Dealer. If you require help with this warranty or have any questions or comments, please contact VMI at:

VMI Customer Advocate Center 5202 S. 28th Place Phoenix, AZ 85040 855-VMI-VANS (864-8267)

# RETAIL CUSTOMER DISCLAIMERS AND WARRANTIES

#### **Notice:**

PLEASE NOTE THAT ALL HONDA
VEHICLES ADVERTISED AND/OR SOLD
HERE ARE SOLD WITH A USED TITLE.
THE VEHICLES WERE PURCHASED NEW
FROM HONDA WITH THE EXPRESS
PURPOSE OF INSTALLING A MOBILITY
CONVERSION AND ARE SOLD TO
CONSUMERS WITH A WARRANTY THAT
RUNS FOR 42 MONTHS FROM THE DATE
OF PURCHASE OF THE VEHICLE BY VMI
HOLDINGS, LLC (VMI) FROM HONDA'S
AUTHORIZED DEALER OR 36,000 MILES,
WHICHEVER OCCURS FIRST. THE DATE
OF PURCHASE IS STATED IN YOUR
CONTRACT.

VMI IS SOLELY RESPONSIBLE FOR THE MOBILITY CONVERSION PERFORMED ON THIS VEHICLE. FOR PURPOSES OF STATE AND FEDERAL LAW, THIS CONVERTED VEHICLE IS A "USED VEHICLE." VMI IS NEITHER AFFILIATED WITH NOR SPONSORED BY AMERICAN HONDA MOTOR CO., INC. (HONDA) OR ITS PARENT, SUBSIDIARIES, AFFILIATES OR DEALERS (COLLECTIVELY, THE

HONDA COMPANIES.) THE HONDA COMPANIES SPECIFICALLY DISCLAIM ANY AND ALL WARRANTIES PERTAINING TO THE CONVERSION OF THE ORIGINAL HONDA VEHICLE.

THE CONSUMER SHOULD BE AWARE THAT:

I. CHANGES MADE BY VMI TO THE HONDA VEHICLE MAY VOID THE HONDA WARRANTY TO THE EXTENT THAT SUCH CHANGES ADVERSELY AFFECT THE UNCONVERTED VEHICLE OR ITS PERFORMANCE OR CAUSE THE FAILURE OR DEGRADED PERFORMANCE OF A COMPONENT SUPPLIED BY ANY OF THE HONDA COMPANIES, FOR EXAMPLE. STRUCTURAL CHANGES MADE TO THE BODY OF THE VEHICLE COULD AFFECT THE VEHICLE'S STRUCTURAL INTEGRITY, WHICH WOULD VOID THE HONDA LIMITED WARRANTY ON THE AFFECTED PARTS.

- II. CHANGES MADE BY VMI TO THE HONDA VEHICLE MAY AFFECT THE SAFETY PERFORMANCE OF THE VEHICLE AND THEREFORE THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S SAFETY RATINGS OF THE UNCONVERTED VEHICLE MAY NOT APPLY TO THE CONVERTED VEHICLE. FOR EXAMPLE, WEIGHT DISTRIBUTION CHANGES MADE BY VMI COULD AFFECT CRASH TEST AND ROLLOVER TEST RESULTS.
- III. CHANGES MADE BY VMI TO THE HONDA VEHICLE MAY AFFECT THE ENVIRONMENTAL AND FUEL ECONOMY PERFORMANCE OF THE VEHICLE AND THEREFORE THE U.S. ENVIRONMENTAL AGENCY'S RATINGS OF THE UNCONVERTED VEHICLE MAY NOT APPLY TO THE CONVERTED VEHICLE. FOR EXAMPLE, WEIGHT INCREASES TO THE VEHICLE COULD ALTER THE VEHICLE'S GREENHOUSE GAS SCORE, AIR POLLUTION SCORE, AND FUEL ECONOMY RATINGS.

## MAINTENANCE AND WARRANTY

IV. ALL SUCH CHANGES ARE THE EXCLUSIVE RESPONSIBILITY OF VMI AND, WHERE APPLICABLE, ARE COVERED SOLELY BY VMI'S LIMITED WARRANTY. THE HONDA COMPANIES NEITHER HAVE TESTED NOR APPROVED ANY ASPECT OF VMI'S CONVERSION.

## VMI/HONDA SERVICE INFORMATION FORM

#### **Dear Honda Dealer Service Manager:**

The Honda customer presenting this form to you is the owner of a Honda minivan converted by VMI Holdings, LLC (VMI) for wheelchair access and/or other mobility features. The minivan has been brought by the customer to the VMI Mobility Equipment Dealer ("MED") listed below where it has been determined that the repair sought by the customer is most likely covered by the Honda LIMITED WARRANTY and should be performed by an authorized Honda Dealer.

Description of Customer Problem(s):		
MED Diagnosis:		

#### MAINTENANCE AND WARRANTY

If you have any question about this diagnosis please contact the MED at:
MED Name:
MED Phone Number:
Contact Person:

If you believe that the service sought by the customer involves modifications to the vehicle made by VMI, components installed by VMI, or Honda components and systems affected by VMI modifications or components, you should contact VMI Technical Support at **1-800-488-9082** prior to performing any service to determine whether VMI or Honda is responsible for the repair and whether you should make the repair or have the vehicle shipped to a VMI repair facility. If you have any questions relating to this repair, you may also contact Honda Technical Support at 1-800-824-6632.

Please photocopy this form for your records and return the original to the owner.

