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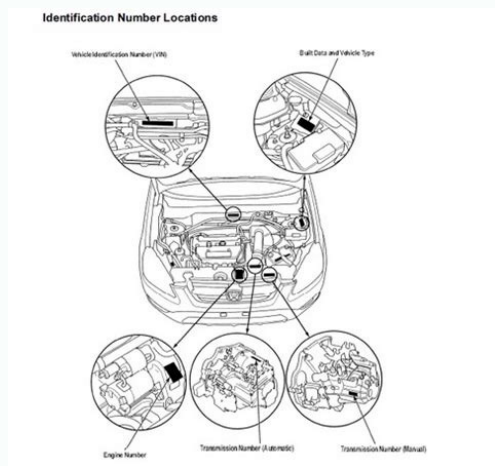
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2021 honda cr v service manual

Manufacturer: HONDA, Model Year: 2021, Model line: CR-V, Model: HONDA CR-V 2021 Pages: 690, PDF Size: 42.09 MB HONDA CR-V 2021 (in English) Service Manual CR-V 2021 HONDA HONDA HONDA CR-V 2021 (in English) Service Manual Trending: Camera, remote start, instrument panel, washer fluid, deactivate passenger airbag, p. 339, driver seat adjustment 40 Quick Reference Guide I'm seeing an amber indicator of a tire with an exclamation point. What is that?The Tire Pressure Monitoring System (TPMS) needs attention. If you recently inflated or changed a tire, you have to recalibrate the system. 2 Tire Pressure Monitoring System (TPMS) (P491) Why does the shift position automatically change to (P when I open the driver's door to check for parking space lines when reversing?



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2 Tire Pressure Monitoring System (TPMS) (P491) Why does the shift position automatically change to (P when I open the driver's door to check for parking space lines when reversing? •Fasten the driver's seat belt. •Close the driver's door and manually change the shift position. 2 When opening the driver's door (P478) 21 CR-V HYBRID HMIN-31TPG6100.book 40 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 42 of 69041 Safe Driving You can find many safety recommendations throughout this chapter, and throughout this manual. For Safe DrivingImportant Safety Precautions..... 42 Important Handling Information ..... 44 Your Vehicle's Safety Features ..... 45 Safety Checklist ..... 46 Seat Belts About Your Seat Belts ..... 47 Fastening a Seat Belt ..... 51 Seat Belt Inspection ..... 55 Airbags Airbag System Components ..... 56 Types of Airbags ..... 59 Front Airbags (SRS) ..... 59 Side Airbags..... 64 Side Curtain Airbags ..... 66 Airbag System Indicators ..... 68 Airbag Care ..... 71 Child Safety Protecting Child Passengers ..... 72 Safety of Infants and Small Children..... 74 Safety of Larger Children ..... 84 Exhaust Gas Hazard Carbon Monoxide Gas ..... 86 Safety Labels Label Locations ..... 87 21 CR-V HYBRID HMIN-31TPG6100.book 41 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 43 of 69042 Safe Driving For Safe Driving The following pages explain your vehicle's safety features and how to use them properly. The safety precauti ons below are ones that we consider to be among the most important. Important Safety Precautions ■Always wear your seat belt A seat belt is your best protection in all types of collisions. Airbags are designed to supplement seat belts, not replace them. So even though your vehicle is equipped with airbags, make sure you and your passe ngers always wear your seat belts, and wear them properly. ■Restrain all children Children ages 12 and under should ride properly restrained in a back seat, not the front seat.

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Your airbag system includes:

- Two SRS (supplemental restraint system) front airbags. The driver's airbag is stored in the center of the steering wheel; the front passenger's airbag is stored in the dashboard. Both are marked "SRS AIRBAG" (see page 55).
- Two side airbags, one for the driver and one for a front passenger. The airbags are stored in the outer edges of the seat-backs. Both are marked "SIDE AIRBAG" (see page 59).
- Two side curtain airbags, one for each side of the vehicle. The airbags are stored in the ceiling, above the side windows. The front and rear pillars are marked "SIDE CURTAIN AIRBAG" (see page 59).

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If you recently inflated or changed a tire, you have to recalibrate the system. 2 Tire Pressure Monitoring System (TPMS) (P491) Why does the shift position automatically change to (P when I open the driver's door to check for parking space lines when reversing? •Fasten the driver's seat belt. •Close the driver's door and manually change the shift position. 2 When opening the driver's door (P478) 21 CR-V HYBRID HMIN-31TPG6100.book 40 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 42 of 69041 Safe Driving You can find many safety recommendations throughout this chapter, and throughout this manual. For Safe DrivingImportant Safety Precautions..... 42 Important Handling Information ..... 44 Your Vehicle's Safety Features ..... 45 Safety Checklist ..... 46 Seat Belts About Your Seat Belts ..... 47 Fastening a Seat Belt ..... 51 Seat Belt Inspection ..... 55 Airbags Airbag System Components .....

Standards and Service Limits

| Engine Electrical |                                            |                                         |                                             |                     |
|-------------------|--------------------------------------------|-----------------------------------------|---------------------------------------------|---------------------|
| Item              | Measurement                                | Qualification                           | Standard or New                             | Service Limit       |
| Ignition coil     | Rated voltage                              |                                         | 12 V                                        |                     |
|                   | Firing order                               |                                         | 1-3-4-2                                     |                     |
| Spark plug        | Type                                       |                                         | NGK IZFR6K11                                |                     |
|                   | Gap                                        |                                         | 0.6-0.8 mm (0.024-0.031 in.)                |                     |
| Ignition timing   | At idle                                    | In N or P position                      | 8.2° BTDC                                   |                     |
|                   | Check the red mark                         |                                         |                                             |                     |
| Drive belt        | Tension                                    |                                         | Auto-tensioner                              |                     |
| Alternator        | Output                                     | At 13.5 V and normal engine temperature | 105 A                                       |                     |
|                   | Coil (stator) resistance                   | At 68 °F (20 °C)                        | 2.5 Ω                                       |                     |
| Starter           | Slip ring O.D.                             |                                         | 14.4 mm (0.57 in.)                          | 14.0 mm (0.55 in.)  |
|                   | Brush length                               |                                         | 19.5 mm (0.77 in.)                          | 1.5 mm (0.06 in.)   |
|                   | Brush spring tension                       |                                         | 3.2 N (0.33 kgf, 0.7 lbf)                   |                     |
|                   | Output                                     |                                         | 1.8 kW                                      |                     |
|                   | Commutator mica depth                      |                                         | 0.40-0.50 mm (0.016-0.020 in.)              | 0.15 mm (0.006 in.) |
| Commutator        | runout                                     |                                         | 0.02 mm (0.001 in.) max.                    | 0.05 mm (0.002 in.) |
|                   | O.D.                                       |                                         | 28.0-28.1 mm (1.102-1.106 in.)              | 27.5 mm (1.083 in.) |
|                   | Brush length                               |                                         | 11.1-11.5 mm (0.44-0.45 in.)                | 4.3 mm (0.17 in.)   |
| Engine Assembly   |                                            |                                         |                                             |                     |
| Item              | Measurement                                | Qualification                           | Standard or New                             |                     |
| Compression       | Pressure                                   | Minimum                                 | 890 kPa (9.5 kgf/cm <sup>2</sup> , 129 psi) |                     |
|                   | Check with the starter cranking the engine | Maximum variation                       | 290 kPa (2.9 kgf/cm <sup>2</sup> , 26 psi)  |                     |



For Safe DrivingImportant Safety Precautions..... 42 Important Handling Information ..... 44 Your Vehicle's Safety Features ..... 45 Safety Checklist ..... 46 Seat Belts About Your Seat Belts ..... 47 Fastening a Seat Belt ..... 51 Seat Belt Inspection ..... 55 Airbags Airbag System Components ..... 56 Types of Airbags ..... 59 Front Airbags (SRS) ..... 59 Side Airbags.....

64 Side Curtain Airbags ..... 66 Airbag System Indicators ..... 68 Airbag Care ..... 71 Child Safety Protecting Child Passengers ..... 72 Safety of Infants and Small Children..... 74 Safety of Larger Children ..... 84 Exhaust Gas Hazard Carbon Monoxide Gas ..... 86 Safety Labels Label Locations ..... 87 21 CR-V HYBRID HMIN-31TPG6100.book 41 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 43 of 69042 Safe Driving For Safe Driving The following pages explain your vehicle's safety features and how to use them properly. The safety precauti ons below are ones that we consider to be among the most important. Important Safety Precautions ■Always wear your seat belt A seat belt is your best protection in all types of collisions. Airbags are designed to supplement seat belts, not replace them. So even though your vehicle is equipped with airbags, make sure you and your passe ngers always wear your seat belts, and wear them properly. ■Restrain all children Children ages 12 and under should ride properly restrained in a back seat, not the front seat. Infants and small children shoul d be restrained in a child seat. Larger children should use a booster seat and a lap/shoulder seat belt until they can use the belt properly without a booster seat. ■Be aware of airbag hazards While airbags can save lives, they can cause serious or fatal injuries to occupants who sit too close to them, or are not prop erly restrained. Infants, young children, and short adults are at the greatest risk. Be sure to follow all instructions and warnings in this manual. ■Don't drink and drive Alcohol and driving don't mix. Even one dr ink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and drive, and don't let your friends drink and drive, either. 1Important Safety Precautions Some states prohibit th e use of cell phones other than hands-free de vices by the driver while driving. 21 CR-V HYBRID HMIN-31TPG6100.book 42 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 44 of 69043 uuFor Safe Driving ulimportant Safety Precautions Safe Driving ■Pay appropriate attention to the task of driving safely Engaging in cell phone conversation or other activities that keep you from paying close attention to the road, other vehicles, and pedestrians could lead to a crash. Remember, situations can change quickly, and only you can decide when it is safe to divert some attention away from driving. ■Control your speed Excessive speed is a major factor in crash injuries and deaths. Generally, the higher the speed, the greater the risk, but serious injuries can also occur at lower speeds. Never drive faster than is safe for current conditions, regardless of the maximum speed posted. ■Keep your vehicle in safe condition Having a tire blowout or a mechanical failure can be extremely hazardous. To reduce the possibility of such problems, check your tire pressures and condition frequently, and perform all regul arly scheduled maintenance. ■Do not leave children unattended in the vehicle Children, pets and people needing assistan ce left unattended in the vehicle may be injured if they activate one or more of the vehicle controls. They may also cause the vehicle to move, resulting in a crash in wh ich they and/or another person(s) can be injured or killed. Also, depending on the am bient temperature, the temperature of the interior may reach extreme levels, which can result in harm or death. Even if the climate control system is on, never leave them in the vehicle unattended as the climate control system can shut off at any time. 21 CR-V HYBRID HMIN-31TPG6100.book 43 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 45 of 69044 uuFor Safe Driving ulimportant Handling Information Safe Driving Important Handling Information Your vehicle has higher ground clearance than a passenger vehicle designed for use only on pavement. Higher ground clearance has many advantages for off-highway driving. It allows you to travel over bumps, obstacles, and rough terrain. It also provides good visibility so you can anticipate problems earlier. These advantages come at some cost. Beca use your vehicle is taller and rides higher off the ground, it has a higher center grav ity making it more susceptible to tipping or roll over if you make abrupt turns. Utility vehicles have a significantly higher rollover rate than other types of vehicles. In a rollover crash, an unbelted person is significantly more likely to die than a pe rson wearing a seat belt. As a reminder, make sure you and your passeng ers always wear seat belts.1Important Handling Information For information on how to reduce the risk of rollover, read: 2 Precautions While Driving P. 473 2 Off-Highway Driving Guidelines P. 465 Failure to operate your vehicle correctly might result in a crash or a rollover. 21 CR-V HYBRID HMIN-31TPG6100.book 44 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 46 of 69045 uuFor Safe Driving uYour Vehicle's Safety Features Safe Driving Your Vehicle's Safety Features The following checklist will help you take an active role in protecting yourself and your passengers. 1Your Vehicle's Safety Features Your vehicle is equipped wi th many features that work together to help protect you and your passengers during a crash. Some features do not require any action on your part. These include a strong steel framework that forms a safety cage around the passenger compartment, front and rear crush zone s, a collapsible steering column, and tensioners that tighten the front seat belts in a sufficient crash. However, you and your passe ngers cannot take full advantage of these features unless you remain seated in the correct position and always wear your seat belts. In fact, some safety features can contribute to injuries if they are not used properly. Safety Cage Crush Zones Seats and Seat-Backs Head Restraints Collapsible Steering Column Seat Belts Front Airbags Side Curtain Airbags Seat Belt Tensioners Side Airbags 11109876 Door Locks 6 10 7 9 10 8 98 7 11 21 CR-V HYBRID HMIN-31TPG6100.book 45 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 47 of 69046 uuFor Safe Driving uSafety Checklist Safe Driving Safety Checklist For the safety of you and your passenge rs, make a habit of checking these items each time before you drive. • After everyone has entered the vehicle, be sure all doors and the tailgate are closed and locked. Locking the doors and the tailgate helps prevent an occupant from being ejected and an outsider from unexpectedly opening a door or the tailgate. 2 Locking/Unlocking the Doors from the Inside P. 162 • Adjust your seat to a position suitable for driving. Be sure the front seats are adjusted as far to the rear as possible while allowing the driver to control the vehicle. Sitting too close to a front airbag can result in serious or fatal injury in a crash. 2 Seats P. 207 •Adjust head restraints to the proper position. Head restraints are most effective when the center of the head restraint alig ns with the center of your head. Taller persons should adjust their head restraint to the highest position. 2 Adjusting the Fron t Head Restraints P. 214 •Always wear your seat belt, and make sure you wear it properly. Confirm that any passengers are properly belted as well. 2 Fastening a Seat Belt P. 51 •Protect children by using seat belts or child seats according to a child's age, height and weight. 2 Child Safety P. 72 1Safety Checklist If the door and/or tailga te open message appears on the driver information inte rface, a door and/or the tailgate is not completely closed. Close all doors and the tailgate tightly unt il the message disappears. 2 Driver Information Interface Warning and Information Messages P. 109 21 CR-V HYBRID HMIN-31TPG6100.book 46 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 48 of 69047Continued Safe Driving Seat Belts About Your Seat Belts Seat belts are the single most effective safety device because they keep you connected to the vehicle so that you can take advantage of many built-in safety features. They also help keep you from be ing thrown against the inside of the vehicle, against any passengers, or out of the vehicle. When worn properly, seat belts also keep your body properly positioned in a crash so that you can take full advantage of the additional protection provided by the airbags. In addition, seat belts help protect you in almost every type of crash, including: - frontal impacts - side impacts - rear impacts - rollovers ■Lap/shoulder seat belts All five seating positions are equipped with lap/shoulder seat belts with emergency locking retractors. • Do not put any accessories on the seat be lts. Devices intended to improve comfort or reposition the shoulder part of a seat be lt can reduce the protective capability and increase the chance of serious injury in a crash. 1 About Your Seat Belts If a rear seat passenger moves around and extends the seat belt, the lockable retractor may activate. If this happens, release the retractor by unfastening the seat belt and allow the belt to retract completely. Then refasten the belt. 21 CR-V HYBRID HMIN-31TPG6100.book 48 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Page 50 of 690Continued49 uuSeat Belts uAbout Your Seat Belts Safe DrivingThe seat belt system includes an indicator on the instrument panel to remind the driver or a front passenger or both to fasten their seat belts. If you set the power mode to ON and a seat belt is not fastened, a beeper will sound and the indicator will blink. After a few seconds, the beeper will stop and the indicator will come on and remain illuminated until the seat belt is fastened. The beeper will periodically sound and the indicator will blink while the vehicle is moving until the seat belt is fastened. ■Seat Belt Reminder1Seat Belt Reminder The indicator will also co me on if a front passenger does not fasten their seat be lt within six seconds after the power mode is set to ON. When no one is sitting in th e front passenger's seat, the indicator will not come on and the beeper will not sound. The indicator also may no t come on and the beeper may not sound when the occupant is not heavy enough to trigger the weight sensor. Such occupants (e.g., infants and smaller children) should be moved to the rear seat as a deploying front airbag likely will injure or kill them. 2 Protecting Child Passengers P. 72 21 CR-V HYBRID HMIN-31TPG6100.book 49 ページ 2 0 2 0 年 9 月 1 4 日 月曜日 午前 1 1 時 3 6 分 Trending: wiper blades, engine overheat, How to set compass, key, lock, brakes, fog light