Important Notice:

This publication should not be used while driving. The procedures in this publication should only be used by qualified and trained personnel.

This Road Service Quick Reference Guide was developed to highlight some model-specific information and common procedures for servicing or towing this vehicle. It is not all-inclusive. For complete information: The applicable vehicle’s owner’s manual and the AAA/CAA Towing and Service Manual should be used in conjunction with this guide.

The procedures recommended and described in this guide are effective methods of performing light service and towing operations. Some of these procedures require the use of auxiliary equipment specially designed for the purpose. The auxiliary equipment should be used as recommended and whenever the trained operator deems it appropriate. It is important to read the various WARNINGS, CAUTIONS and NOTES in this manual in order to minimize the risk of personal injury to service personnel and or customers and to avoid procedures which may damage the vehicle or render it unsafe. It is also important to understand that these warnings, cautions and notes are not exhaustive. Neither AAA nor the auto and towing equipment manufacturers could possibly know, evaluate and advise the reader of all conceivable methods of towing or evaluate individual situations. Accordingly, anyone who uses a towing procedure must be thoroughly convinced that neither personal safety nor vehicle safety will be jeopardized by the selected procedure.

AAA is not responsible for changes made by the manufacturers to the vehicles or their recommendations. Important changes in procedures and updates will be furnished to all manual users at AAACampus.aaa.biz.

To contact us regarding feedback on this publication, email us at TTR@national.aaa.com or write us at:

AAA
Attention: TTR
1000 AAA Drive, MS33
Heathrow, FL 32746
SPECIFICATIONS:

Dimensions:

Length: 189.1 inches
Width: 84.4 inches

<table>
<thead>
<tr>
<th>Specifications</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>Curb Weight (pounds)</td>
<td>4,440</td>
</tr>
<tr>
<td>Drive Line Type</td>
<td>All-Wheel Drive (AWD)</td>
</tr>
<tr>
<td>Length</td>
<td>189.1 inches</td>
</tr>
<tr>
<td>Width</td>
<td>84.4 inches</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>113.1 inches</td>
</tr>
<tr>
<td>Height</td>
<td>66.3 inches</td>
</tr>
<tr>
<td>Fuel Type</td>
<td>Gas or Diesel</td>
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Engines Available based on submodels

<table>
<thead>
<tr>
<th>Range Rover Velar Submodel</th>
<th>Available Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Velar</td>
<td>2.0L 247 HP Turbocharged 4-cylinder Gasoline</td>
</tr>
<tr>
<td>Velar S</td>
<td>2.0L 247 HP Turbocharged 4-cylinder Gasoline</td>
</tr>
<tr>
<td></td>
<td>2.0L 180 HP Turbocharged Diesel</td>
</tr>
<tr>
<td></td>
<td>3.0L 380 HP Supercharged V6 Gasoline</td>
</tr>
<tr>
<td>Velar SE</td>
<td>3.0 380 HP Supercharged V6 Gasoline</td>
</tr>
</tbody>
</table>
Note: The electronic key must be in the vehicle. When detected, a message will display on the driver’s display panel.

• **Ignition On / Engine Off:** With your foot off the brake pedal, press and hold the Start/Stop switch until the warning lights on the instrument panel illuminate.

• **To start the engine:** Press the Start/Stop switch while depressing the brake pedal.

**NOTE:** Diesels have a delay upon startup to allow glow plugs to function normally.

**When the electronic key is not detected:**

1. Depress the brake pedal.

2. Depending on the type of steering column present, touch the back of the electronic key to the designated area of the steering column. When the electronic key is detected, a buzzer sounds and the engine switch will turn to IGNITION ON mode.

**ELECTRONIC KEY/MECHANICAL KEY:**

To access the mechanical key, slide the chrome Range Rover side of the key towards the top of the remote and take the key out by sliding it in the same direction. The mechanical key can only be inserted in one direction, as the key has grooves on one side. If the key cannot be inserted in a lock cylinder, turn it over and re-attempt to insert it. After using the mechanical key, store it in the electronic key.

**Remote Functions**

1. Locks the doors
2. Unlocks the doors
3. Luggage compartment (press and hold)
4. Sounds the alarm
5. Turns on Headlights for 30 seconds
DOOR LOCKS:

Using the Remote:
1. Press button to unlock the door
2. Press button to lock the door

NOTE: The electronic key needs to be with the person attempting to lock or unlock the door so the key can be recognized.

Using the Mechanical Key:
1. If the smart key and keyless entry fail to open the vehicle, insert the key blade into the lock barrel behind the driver’s door handle. To access the lock barrel press or pull on the front end of the handle which presents the rear of the handle. Pull the handle out to the deployed position, giving access to the lock barrel.
2. Unlock the door by turning the key.

TRUNK LID RELEASE:

Remote:
• Press and hold button 3 in (image A) briefly until the tailgate begins to open.

External Button:
• With the electronic key within range (9 ft.), open the tailgate by pressing external button above the license plate area (image B).
HOOD RELEASE:

Opening the Hood:
1. This vehicle is equipped with a mechanical hood release located on the driver’s side kick panel. Pull the release (shown on right).

2. Lift the hood safety catch, located below the center point of the hood.

3. Raise the hood.

CAR CARRIER LOADING AND TRANSPORTING:

Special Precautions:

• Car carrier equipment is the preferred method* of towing this vehicle.

*Note: A wheel lift with dollies on the trailing end can be used to tow this vehicle short distances.

• When loading or winching DO NOT USE HOOKS OF ANY TYPE ON THE LOWER CONTROL ARMS OR ANY OTHER STEERING OR SUSPENSION COMPONENT. Carefully follow the loading procedures specified on the following pages.

• USE ONLY WHEEL STRAP TIE-DOWNS to secure this vehicle when transporting. The use of chains or hooks will damage under vehicle components.

• In an emergency situation where the vehicle will not roll or must be moved for towing access, wheel-jacking equipment, such as GoJaks or tire skates, are recommended.

• This vehicle may be equipped with air suspension.
Car Carrier Loading Procedures:

Front Attachment Location

This vehicle is equipped with a tow eye located behind a removable panel in the lower front bumper.

NOTE: This front tow attachment point is the only place designed for off-road recovery or car carrier loading operations.

- Remove the lower front bumper panel by turning the four fasteners 90 degrees counter-clockwise with a flat blade screwdriver or coin, to release the lower edge of the cover.
- Pull the cover forward from the rear lower edge to release the clips on the top edge of the cover. This will expose the towing eye.

NOTE: Never place the cover with the finished side down to avoid scratching or damaging the cover. Make sure to securely stow the cover and all fasteners during transport.

Rear Attachment Location

NOTE: This model is equipped with either a removable rear towing eyebolt or a fixed towing eye on vehicles outfitted with a trailer hitch.

Towing Eyebolt:

- Remove the eyebolt receiver cover from the bumper by gently applying pressure to the lower edge of the cover. If the cover does not come off easily, use a plastic trim tool or a small screwdriver wrapped with a clean, soft cloth to protect the surface as it is removed. Use caution not to scratch the surface. Stow the cover in vehicle during transport.
- Fully screw the towing eyebolt counter-clockwise into the receiver until it is secure.

NOTE: The towing eyebolt is stored with the spare and tire tools under the luggage compartment floor panel.

Towing Eye:

The rear towing eye for vehicles with a trailer hitch is located behind a removable cover in the lower portion of the rear bumper.

- Rotate the two fasteners 90 degrees counter-clockwise with a coin, or a similar non-marring object, to release the lower edge of the cover.
- Pull the cover forward from the rear lower edge to release the clips on the top edge of the cover.
Car Carrier Loading Procedures:

• Before loading, ensure the transmission is in Neutral and the parking brake is released. Also note the eyebolt is designed for a straight pull within a 20 degree window. Only load the vehicle onto the bed far enough to safely transport the vehicle. Stop loading when the winch line begins to pull downward. To prevent downward pull, you will need to keep the leading edge of the vehicle at least 2 feet from the winch drum (this will vary based on the towing equipment being used).

• When the vehicle is in its loaded position on the flatbed with the bed still in the deployed position, secure the vehicle to prevent it from rolling by chocking the wheels and attaching one wheel strap to the wheel closest to you. Continue to secure the vehicle on all four corners.

• Once the bed is in its transport position and the vehicle is secured to the bed with four wheel strap tie-downs, place the transmission into Park and ensure the parking brake is set to help secure the vehicle.

• Clearance around the wheel is limited and careful routing of straps is needed to avoid contacting brake lines and wheel speed sensor wires, especially behind the front wheels. Careful routing of the straps is also important to avoid contact with the painted surfaces of the vehicle.

• After securing, slacken the winch line slightly to prevent any downward pull on the towing eyebolt or towing eye. This will help to prevent damage if bumps are encountered during transport. Ensure that the vehicle is in the OFF position and the electronic key is removed from the vehicle.

Wheel Dollies/Tire Skates:

In the event Neutral cannot be selected or a failure with the parking brake mechanism causes the wheels not to roll, wheel dollies such as “GoJaks” or tire skates can be used on the non-rolling wheels to assist with loading the vehicle. Care must be taken when installing tire skates or GoJaks due to the limited clearance around the wheels and between the vehicle and the ground.
SELECTING **NEUTRAL:**

If the vehicle can be started normally:
Secure the vehicle with wheel chocks.

To shift to the **Neutral** position, press the brake pedal and turn the shifter to the “N” position.

If the vehicle has power, but will not start:

With your foot off the brake pedal, push and hold the Start/Stop switch until the instrument panel warning lights illuminate (the engine will be off, and the shift position can be changed to **Neutral**.)

**SHIFT INTERLOCK OVERRIDE:**
The shift lock override is located in the engine compartment on the driver’s side of the intake manifold (image A). To access, carefully remove the black plastic cover over the intake manifold.

- Lift the black lever on the shift interlock override to the vertical position as shown in image B.
- Engage the securing latch to hold the handle in position.
- The vehicle should now be in **Neutral**.
- To return the transmission to **Park**, release the securing latch, and move the lever back to the horizontal position.

**ELECTRONIC PARKING BRAKE:**
This vehicle is equipped with an electrically applied parking brake. The system uses a switch located on the lower portion of the driver’s side dashboard. This applies and releases the parking brake.

1. Pull the switch to release the parking brake. The parking brake indicator light will turn off.
2. Push the switch to set the parking brake. The parking brake indicator light will turn on.
TIRES AND JACKING:

This vehicle comes equipped with a spare tire from the factory. The spare and tire tools are located under the luggage compartment’s floor panel.

1. Towing Eyebolt
2. Jack Assembly
3. Jack Handle
4. Lug Wrench
5. Wheel Chock
6. Locking Wheel Nut Adaptor

To remove the spare, turn the center clamp plate counter-clockwise till released.

NOTE: Prior to jacking the vehicle, make sure all vehicles equipped with air suspension and side steps are placed in the “OFF-ROAD HEIGHT.”

Tire Inflator Kit:

Models not equipped with a spare will be equipped with a tire inflator kit located under the luggage compartment’s floor panel.

1. Compressor
2. Sealant Bottle

NOTE: Make sure to get owner’s permission before using the tire inflator kit. There will most likely be additional costs for it to be replaced.
Jacking Locations:

Place the jack in its proper location. Observe all standard jacking precautions and ensure the vehicle is on firm, level ground and that the wheels are chocked. As the jack comes in contact with the vehicle body, ensure it is contacting the correct location on the vehicle. Continue lifting to raise the vehicle high enough to execute the service that needs to be performed.

Tire Pressure:

Proper tire pressure can be found on the tire placard. This is located on the driver’s side door pillar. It is also listed in the owner’s manual.

NOTE: This vehicle may be equipped with adjustable air suspension. Select “OFF-ROAD HEIGHT” before jacking the vehicle. See vehicle owners manual for details.

<table>
<thead>
<tr>
<th>Tire size</th>
<th>Light Load Pressures for all speeds</th>
<th>Normal Load Pressures for all Speeds</th>
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</thead>
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<tr>
<td></td>
<td>Front Bar (psi, kPa)</td>
<td>Rear Bar (psi, kPa)</td>
</tr>
<tr>
<td>235/65 R18 110V</td>
<td>2.3 (34, 230)</td>
<td>2.3 (34, 230)</td>
</tr>
<tr>
<td>255/60 R18 112V</td>
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<td>2.3 (34, 230)</td>
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<tr>
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<tr>
<td>255/55 R19 111W</td>
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<td>T 175/60 R19 122M</td>
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Wheel Torque: 103 lb.ft.
JUMP-START PROCEDURES:

**Note:** The jump pins are located in the engine compartment on the passenger side. The positive (+) connection is under the labeled cover at the fuse box and the ground (-) connection is located on the passenger strut tower.

The following jump-starting procedures should be followed:

- Follow all normal jump-starting precautions as outlined in other AAA/CAA publications.
- Ensure all electrical accessories and the ignition switch are turned OFF and the electronic key is removed from the vehicle before connecting jumper cables or a jumper box to the discharged vehicle.
- Boost using the battery terminals shown below.
- Allow the donor vehicle to charge the disabled vehicle a few minutes before disconnecting jump leads.

**NOTE:** Before disconnecting from the previously disabled vehicle, make sure not to switch on any electrical circuits.

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