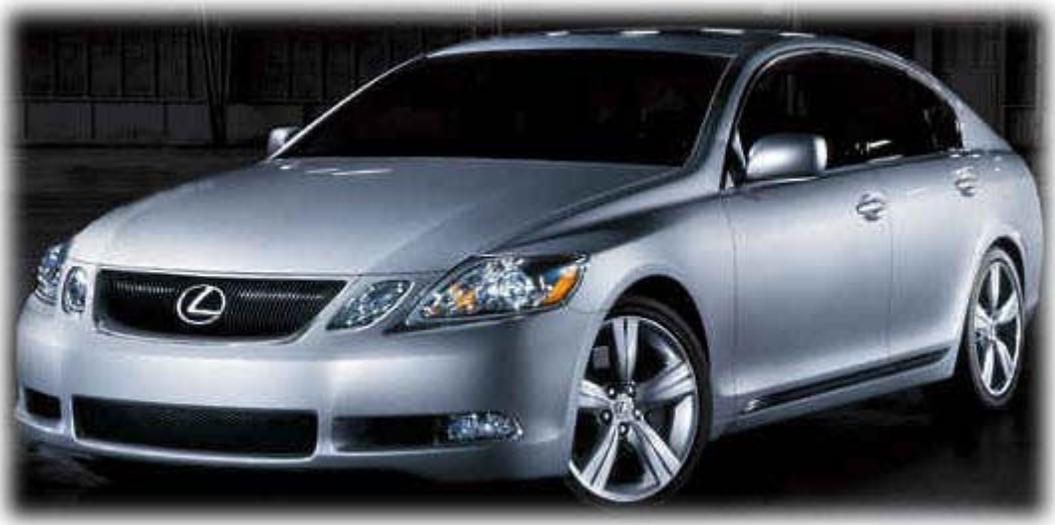


*Towing and
Road Service Guide
For
Lexus GS 300 and GS 430*



Quality and Education Services
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EQUIPMENT AVAILABILITY

- To eliminate the need to remove the eye bolt from the vehicle's tool kit during loading or recovery, a screw-in eyebolt is available from any authorized Lexus dealer's parts department.

Towing Eyebolt Part number 5196148202

- The towing and tie-down equipment discussed in this guide is available through AW Direct, a preferred AAA supplier. Contact your local AAA club representative for special offers available to AAA contractors.

**AAA Towing and Roadside Assistance Guide for Lexus GS300 and GS430 models
March 29, 2005**

GENERAL TOWING INFORMATION

SPECIAL PRECAUTIONS:

- Lexus GS series vehicles are sold in either a Rear Wheel Drive or All Wheel Drive configuration. NEVER ATTEMPT TO MOVE AN ALL WHEEL DRIVE VEHICLE WITH ONLY TWO WHEELS ON THE GROUND. THE TRANSFER CASE HAS NO “TRUE NEUTRAL” POSITION AND WILL BE DAMAGED.
- Wheel-lift with towing dolly or car carrier equipment are authorized methods of towing this vehicle. A car carrier is the preferred method of transporting these vehicles; however, when wheel-lift equipment is used to tow an All Wheel Drive Lexus GS Series vehicle, a dolly is **required** under the trailing wheels and it is **recommended** under the Rear Wheel Drive version as trailing end clearances will be limited without. THERE IS NO APPROVED PROCEDURE FOR THE USE OF SLING-TYPE EQUIPMENT ON THIS VEHICLE.
- When loading or pulling the Lexus GS300 GS430 vehicles, DO NOT USE HOOKS OF ANY TYPE ON THE LOWER CONTROL ARMS. Follow only the approved loading procedures specified in the following pages.
- In an emergency situation where the vehicle will not roll or must be moved for towing access, wheel-jacking equipment, such as Go-Jacks are recommended. NOTE: ALL DRIVE WHEELS MUST BE RAISED BEFORE MOVING.
- When parking this vehicle ensure that the transmission is in “PARK” and the parking brake is properly set. This vehicle does not use a conventional ignition key or key cylinder so the vehicle can be shut off and the key removed from the car without putting the transmission into the “PARK” position.

CAR CARRIER LOADING AND TRANSPORTING:

The use of car carrier equipment is the preferred method of transporting the new Lexus GS300/GS430 vehicles.

CAUTION: The curb weight for the Rear Wheel Drive GS300 is 3536lbs, the Rear Wheel Drive GS 430 is 3748lbs and 3759lbs for the All Wheel Drive version.

The Lexus GS300 and GS430 Rear Wheel Drive models have 5.1 inches of ground clearance while the GS 300 All Wheel Drive has 5.5 inches. Loading onto a conventional car carrier may require additional ramping in some circumstances. However, clearance at the trailing end of the vehicle should always be monitored as it is loaded.

The towing eye bolt should be used for front loading of the GS series vehicles. The eye bolt is located in the tool kit located in the center under the floor in the rear cargo area. (See Figure 1)

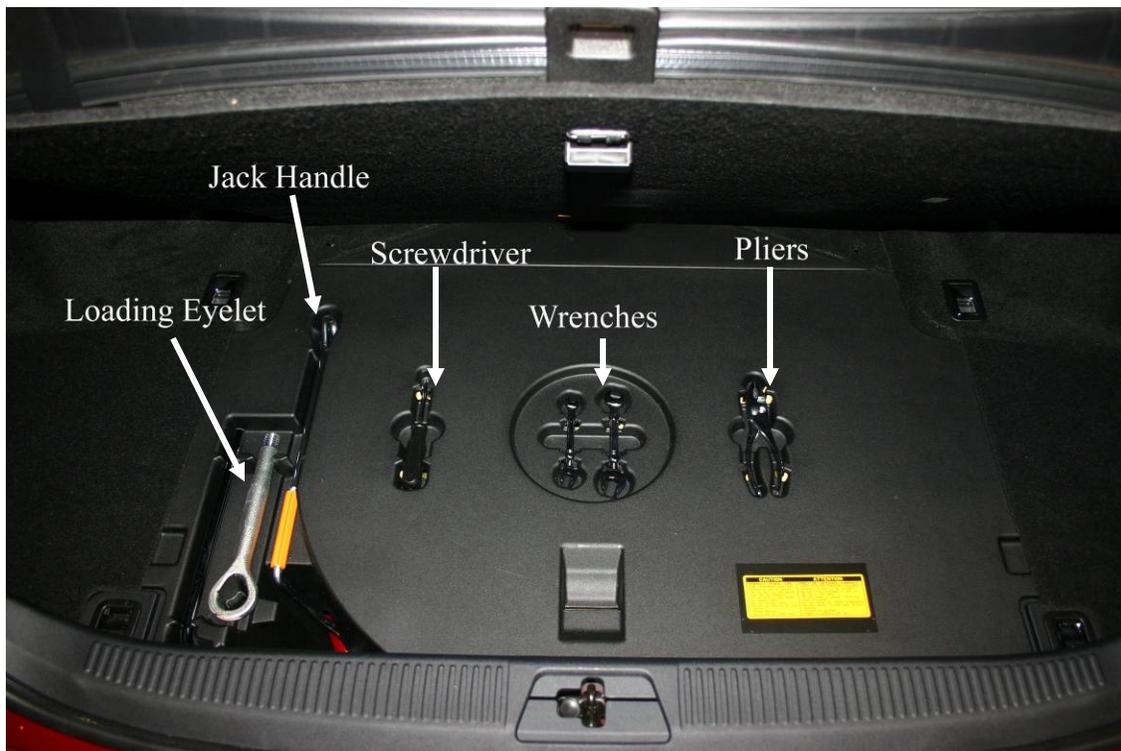


Figure 1

If the towing eyebolt is missing or otherwise inaccessible, the tie-down slots on the undercarriage can be used to load the vehicle.

NOTE: The eyebolt on this model has RIGHT-HAND THREADS. Screw the eye bolt clockwise into the front pull point and attach the winch line to the eyebolt with the open side of the hook facing upward when possible. (See Figure 2)



Figure 2

Before loading, ensure that the transmission is in “Neutral” and the ignition switch is in position to unlock the steering (operation of the keyless ignition switch is covered on page X of this guide). When loading, remember that the eye bolts are designed for a straight ahead pull within a 20 degree window, so stop the vehicle as the winch wire rope begins to pull downward. To prevent too much downward pull you will need to keep the leading edge of the vehicle about 3 feet from the winch drum

Once loaded, set the parking brake and secure the vehicle onto the carrier.

NOTE: Lexus states that the four tie-downs slots in the frame can be used to secure the vehicle. Slots are provided in the frame to take either “T” or “mini-J” type hooks. (See Figure 3 and 4). AAA recommends the use of wheel strap style tie-downs around each wheel as a means of securing the vehicle to the car carrier while reducing the risk of damaging under-body and suspension components.



Figure 3 (front tie down slot right side)



Figure 4 (rear tie down slot right side)

After securing, return the bed to the transporting position, then slacken the winch wire rope slightly to prevent downward pull on the towing eye bolt as bumps are encountered during transport. Make sure that the ignition switch is turned to the OFF position to avoid unnecessary battery drain.

SHIFTER LOCK OVERRIDE

If there is a problem with the shifter or if the ignition key is not available, the transmission can be shifted out of the park position. This is accomplished by lifting out the small cover above the shifter “Park (P)” indicator and depressing the button below the cover to allow the shifter to be moved out of the Park position.



(Figure 5 Shifter with access Plug in Place)



(Figure 6 with access plug removed)

WHEEL-LIFT TOWING PROCEDURE:

If a wheel-lift is used, the procedures shown below must be used with no exceptions.

CAUTION: The 2006 Lexus GS series vehicles can be either Rear Wheel Drive or All Wheel Drive. It is best to check, and not assume, the drive type when called upon to tow one of these vehicles as the only distinguishing mark to identify the drive type is a small label on the rear of the trunk lid that reads “AWD” (Figure 7). It is essential that no attempt be made to move the All Wheel Drive version of these vehicles with only two wheels lifted. *All four wheels must either be on the ground or lifted before moving an All Wheel Drive Lexus GS vehicle.*



Figure 7

The 2006 Lexus GS series vehicles have limited clearance on the front facial panel under the front bumper so it is recommended that a wheel-lift with a towing dolly installed under the trailing wheels when towing the Rear Wheel Drive models and mandatory when towing the All Wheel Drive models.

To tow GS300/GS430 with a wheel-lift and dolly, observe the following:

- Secure the one set of wheels firmly to the wheel-lift and the other set of wheels firmly to the dolly.
- After loading the GS300/GS430 onto the dolly and wheel-lift, place the transmission selector in Park and set the parking brake.
- Use a steering wheel securing device to prevent possible excessive load on the steering column lock.
- Attach safety chains and tow lights to the vehicle.
- Ensure that the ignition switch is turned OFF to prevent unnecessary battery drain.

EMERGENCY ROAD SERVICE PROCEDURES

JACKING:

The jack supplied with the 2006 Lexus GS series vehicles is located in the toolbox in the center of the rear cargo area, under the floor. (See Figure 8 below.)

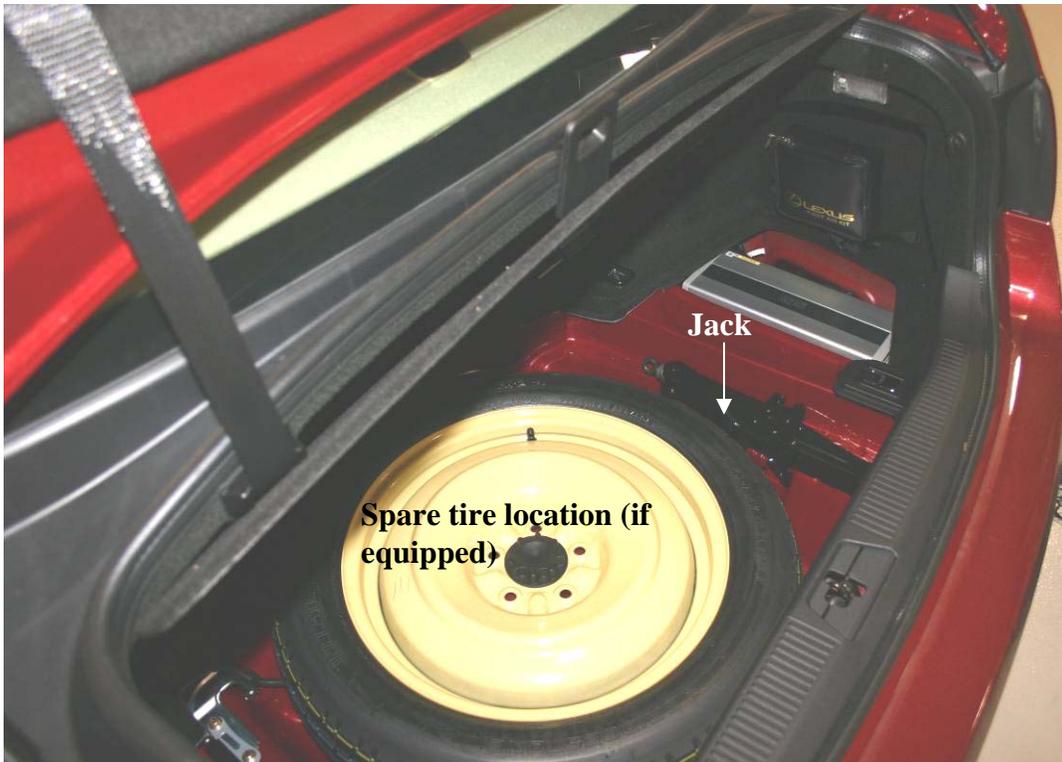


Figure 8

The approved lifting locations are on the pinch weld or rocker sills, located inboard of the wheels.

Place the jack in its proper location. Observe all standard jacking precautions and ensure that the vehicle is on firm, level ground. As the jack comes in contact with the vehicle body, ensure that it is contacting the correct location on the vehicle. Continue lifting to raise the vehicle high enough to change the tire.

TIRE SERVICE:

The 2006 Lexus GS series vehicles are available with tires of the “Run-Flat” construction type; consequently, the vehicle may not have a spare tire. The ones that do have a spare tire are equipped with a compact size, temporary use spare tire stored in a well in the trunk floor under trunk carpeting (Figure 9). See “Out of Fuel Service for instructions on accessing the power trunk release switch.



Figure 9

When installing the spare wheel, follow all recommended procedures including cleaning of the hub and axle mating surfaces, tightening the lug nuts securely in a criss-cross pattern and checking the spare for proper inflation.

OUT OF FUEL SERVICE:

There are no special precautions needed to refuel a new Lexus GS series vehicle, although it is important to take care not to damage the vehicle's finish during refueling. The fuel filler is located on the left-hand (driver's) side of the vehicle on the rear quarter panel and is covered by a locking door. A button that is labeled "PUSH", located on the lower left side of the dash, below the left A/C vent opens to reveal a control panel that operates items like the fuel filler door, remote mirror controls, power trunk release, back up obstruction alarm, as well as other seldom used switches and controls.



Figure 10



Figure 11

If the fuel filler door is inoperative due to a discharged battery or other trouble, there is an over-ride pull cable the luggage compartment on the left side behind a trim piece. Trunk access can be obtained by depressing the trunk release button on either the key fob or the button on the hide-away control panel in the image above. If the trunk does not open when the button is depressed, check the position of the power trunk release override switch in the glove box. This switch can disable the power trunk release feature on this vehicle. If the trunk still does not open there is a key cylinder in the trunk lid above the rear license plate mounting location (Figure 12)



Figure 12

The manual override pull for the fuel door is not visible although it is accessible from inside the trunk. There is a removable cover over the left rear wheel well area of the trunk liner (Figures 13 & 14). Remove this cover and insert your hand inside the opening in the trunk liner toward the upper inside corner of the opening and feel for the release lever for the fuel door.



Figure 13



Figure 14

JUMP-STARTING:

The Lexus GS300/GS430 has one battery which is located under the hood. It is positioned on the right (passenger's) side of the engine compartment near the firewall, windshield area.

The following jump-starting procedures should be followed when rendering assistance to a 2006 Lexus GS series vehicle. Pay special attention to the position of the positive and negative battery post as they are not well labeled and can be difficult to tell apart in areas of reduced visibility:

- Never use jump-starting equipment that can exceed normal 12-volt charging system voltage.
- Ensure that all electrical accessories and the ignition switch are turned OFF before connecting jumper cables or a jumper box to the discharged vehicle.
- If using jumper cables, make connections in the following order:
 1. Connect the positive (+) jumper cable to the positive battery terminal of the discharged vehicle and to the positive (+) battery terminal of the donor vehicle or jumper box.
 2. Connect the negative (-) jumper cable to the negative battery terminal of the donor vehicle. (Skip this step if using a jumper box.)
 3. Connect the negative (-) cable to a good ground on the engine of the discharged vehicle. NOTE: You may have to remove the decorative engine cover to access a good connection location.
- Allow the discharged battery to charge for a few minutes before attempting to crank the engine.
- Do not crank the engine for more than 15 seconds. If the cranking speed is slow, or the engine does not crank, turn the ignition off and recheck all jumper connections then try again. If the problem persists tow the vehicle.

KEYLESS ENTRY AND KEYLESS IGNITION OPERATION:

The 2006 Lexus GS series vehicles do not require the operator to insert a key into a key cylinder to unlock a door or start the vehicle. These vehicles “sense” the proximity of the key and will unlock the door(s) with the key close to the vehicle and when contact is made with the outside door release handle. Once the keys are inside the vehicle the operator can now use the push button start/stop feature of this vehicle. When the on-board computer sense that proper key is in the vehicle, the green LED in the “ENGINE START STOP” button will illuminate. To turn the ignition to the accessory position, depress the button once and items like the radio or on-board navigation system will become active. A second press of the button will turn the vehicle to the “ON” position where items like the instrument gauges will operate. To start the vehicle, the operator needs to depress the brake pedal then press “ENGINE START STOP” button until the engine starts. To shut the engine off, depress the “ENGINE START STOP” button again.



Figure 15

If there is a problem with the transponder or the battery in the key fob a display should appear in the middle of the instrument panel like the one shown in Figure 16.



Figure 16

If this is occurring on a vehicle you encounter, hold the key fob against the chrome ring around the “ENGINE START STOP” button, depress the brake pedal then depress the “ENGINE START STOP” button to start the vehicle. If the vehicle starts, ensure the operator knows to hold the key fob against the chrome ring to start the vehicle and then direct the operator to take the vehicle to the closest Lexus dealer to have the problem repaired.

If there is a problem with the keyless entry system, there is a key cylinder in the driver’s side door to insert the removable metal key from the end of the key fob into to unlock the vehicle.

The design of the key proximity sensor system with this vehicle makes it virtually impossible to lock your keys in the vehicle. After extensive attempts to lock keys inside this vehicle we found the only way to do so was to have a dead battery in the key fob, turn off the valet switch in the glove box for the power trunk release, then open the trunk with the metal key and place the key inside the trunk. If someone actually locks their keys in a 2006 Lexus GS series vehicle, the recommended entry method would be to carefully wedge the upper rear corner of the right front door away from the body and using a long reach tool, unlock the door.