

LIGHTING SYSTEM > Auto Headlight Beam Leveler System

PROCEDURE

When parts related to the auto headlight beam leveling system are removed or replaced, perform the following procedures to initialize or reinitialize.


NOTE:

Before performing initialization or reinitialization, check the following:


- Vehicle is parked on a level surface.
- The inflation pressure of tires is correct.
- Unload any cargo from the vehicle.
- Vehicle’s fuel tank is fully filled.
- When determining whether to perform initialization or reinitialization, refer to the following:

Initialization	<ul style="list-style-type: none">• When the headlight leveler control module has been replaced with a new module.
Reinitialization	<ul style="list-style-type: none">• When the headlight leveler control module has been replaced with a part from a different vehicle.• When suspension parts have been removed or replaced. (Crossmember, front arm, lateral link, strut)• When the vehicle height sensor has been replaced or removed.

1. INITIALIZATION

1. Check that the indicator in the meter is flashing twice repeatedly.
2. Bounce the vehicle several times to normalize the suspension.
3. Make certain that someone is seated in the driver’s seat.
4. Turn the ignition switch to ON, and, within 1.5 — 20 seconds, turn the headlight switch OFF ⇒ ON three or more successive times.
5. Make sure that the indicator in the meter flashes three times and then turns OFF, indicating that initialization has been successfully completed. (At this time, the headlight beam adjustment is lowered, and then returns to the original position.)
6. Perform beam adjustment for the headlight. 

2. REINITIALIZATION

1. Bounce the vehicle several times to normalize the suspension.
2. Make certain that someone is seated in the driver’s seat.
3. Turn the ignition switch to ON, and, within 1.5 — 10 seconds, turn the headlight switch OFF ⇒ ON five or more successive times.
4. Check that the headlight beam drops once, then returns to normal.
5. After confirming 4), turn the ignition switch to OFF within 30 seconds.
6. Turn the ignition switch to ON again, and, within 1.5 — 10 seconds, turn the headlight switch OFF ⇒ ON five or more successive times.
7. Make sure that the indicator in the meter flashes three times and then turns OFF, indicating that reinitialization has been successfully completed. (At this time, the headlight beam will lower once, then go back to normal.)
8. Perform beam adjustment for the headlight. 

CAUTION:

If the indicator does not flash 3 times or the headlight beam does not operate, there is a possibility of an open circuit or faulty connection in the harness between the headlight leveler control module, front and rear vehicle height

sensors and headlight assembly. Perform inspection and repair according to the inspection results, then perform initialization/reinitialization again.  