

SENSING UNIT ADJUSTMENT PRECISION LEVELING SYSTEM

IMPORTANT: THE VEHICLE MUST BE ON A LEVEL SURFACE WHEN ADJUSTING THE SENSING UNIT. IF THERE IS A SLOPE; THE FRONT SHOULD BE LOWER THAN THE REAR.

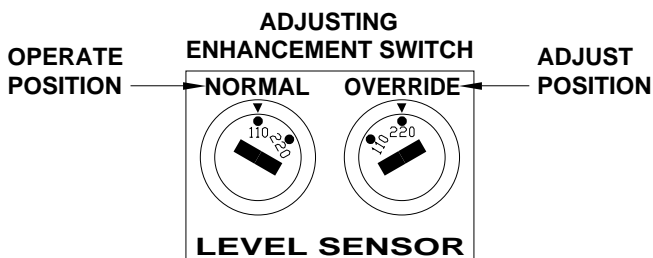
SENSING UNIT INFORMATION

Power must be on for the leveling system to be able to adjust the level sensing unit. Refer to the vehicle manufacturer for this procedure.

There are three level sensing units. There is one sensing unit for side to side leveling at the front of the vehicle, one for side to side leveling at the rear of the vehicle and one for front to rear leveling located at the rear of the vehicle. The rear side to side level sensor and the front to rear level sensor at the rear of the vehicle have a precision bubble level fastened to the base of the sensing unit.

The central control module has a sensing unit adjustment switch on the side of the box. This switch must be in the "NORMAL" position while adjusting the sensing units. Refer to the vehicle manufacturer for location of the central control module.

IMPORTANT: The adjustment switch must be kept in the "NORMAL" position for proper system operation. Only move the switch if adjusting the level sensing units.



ADJUSTING A SENSING UNIT

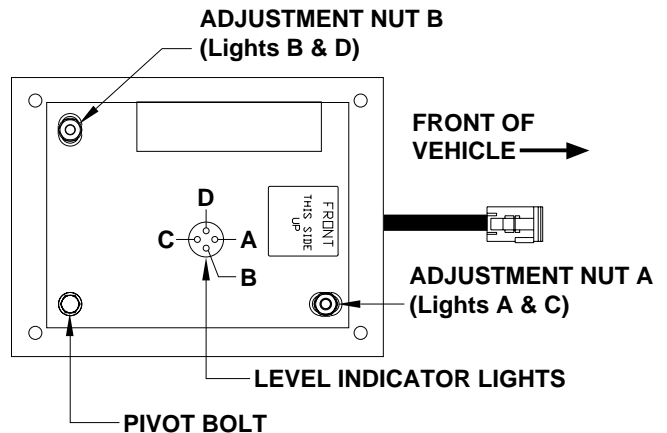
Turn adjustment nuts A and B to turn a level light off.

If level light A is on, turn adjustment nut A counterclockwise.
If level light B is on, turn adjustment nut B clockwise.
If level light C is on, turn adjustment nut A clockwise.
If level light D is on, turn adjustment nut B counterclockwise.

When a level light is on, turn the appropriate adjustment nut slowly until the light goes out. Note the position of the wrench. Continue to turn the same adjustment nut very slowly the same direction until the opposite light comes on. Now turn the adjustment nut in the opposite direction one half the distance the wrench moved between turning the original light off and turning the opposite light on. Ensure both lights are off.

EXAMPLE: Level light (A) is on. Slowly turn adjusting nut (A) counterclockwise. When light (A) goes out, note the position of the wrench. Now continue turning adjusting nut (A) counterclockwise very slowly until level light (C) (opposite light) comes on. Figure the distance the wrench moved between level light (A) going out and level light (C) coming on. Now turn adjusting nut (A) clockwise 1/2 that distance. Ensure both lights are off.

SENSING UNIT ASSEMBLY - TOP VIEW



Only use adjustment nuts A and B to adjust the sensing units. NEVER turn the pivot bolt when adjusting the sensing units.