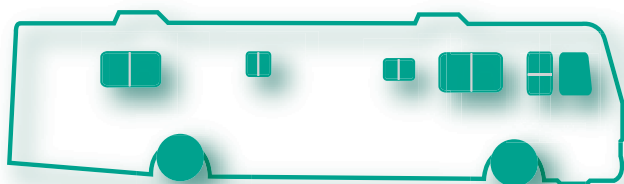
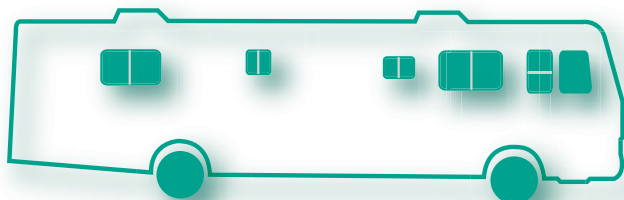
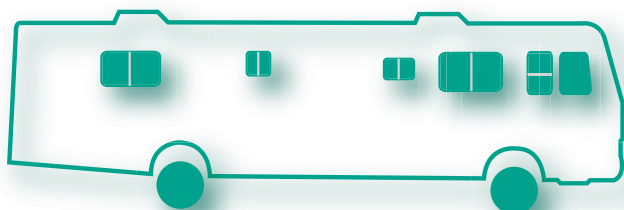


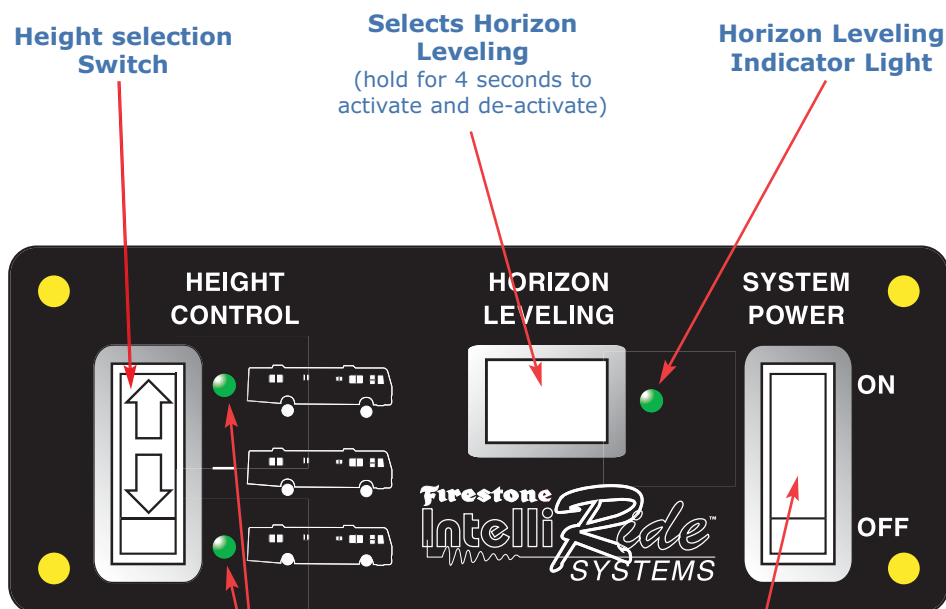
Firestone IntelliRide™ SYSTEMS



Owner's Manual

Congratulations on your purchase of a Monaco/Holiday Rambler Coach equipped with the IntelliRide™ automatic leveling system and Horizon™ leveling. This system provides multi height selection with automatic leveling and many safety interlocks to provide ease of use and peace of mind. □

Your control panel



Height indicator lights for:

- Raised
- Access

Can only change heights with ignition "ON" and Horizon leveling "OFF"

Switches power from air suspension to Jacks system.

ON = AIR
OFF = Jacks

Should be "ON" at all times, except when using jacks or servicing



General description

The system offers three selectable heights via the height selection switch, the two height indicator lights will flash letting you know the height is changing from one height to another. When lowering the vehicle will lower front and then rear and to raise it will lift rear first and second the front. Horizon leveling should be de-activated and ignition "ON" to select heights.

The heights available are:

◆ Raised

Higher than Standard height, this allows greater underbody clearance for rough terrain or clearing obstacles, this feature is only selectable at less than 35mph. If you are in raised height and drive at a speed greater than 35 mph the vehicle will automatically lower to standard height, the indicator lights will flash to let you know it is changing.

The upper height indicator light will remain illuminated when that position is attained.

◆ Standard height

The height at which the vehicle will be driven on the highway. This is the height that the vehicle will go to automatically should you forget to lower from Raised or raise from Access.

No lights will be on when the vehicle is at standard as this is the normal operating position for the vehicle.

◆ Access

Lower than standard, this height is set just before suspension stops and allows ease of ingress and egress. This height is selectable when the vehicle is stationary. The vehicle will automatically rise from this height should the vehicle be driven off and you forget to press the height selection button to raise the vehicle.

Note - It is preferred that you lower to access position before switching to the hydraulic jacking system. The lower height indicator light will illuminate when Access position is attained. The engine does not have to be turned off for any height change maneuver.





◆ Horizon Leveling

Note- Whilst the vehicle is in Horizon leveling the vehicle is still supported by its air springs and hence may move up and down slightly with internal movement. For long term parking the hydraulic jacks should be used.

When stationary and park brake on, pressing and holding the button for 4 seconds will level the vehicle to an artificial Horizon ensuring that the floor of the vehicle is level to walk within. You can select Horizon leveling from all three heights, there is no need to turn the engine off during any height change operation (Horizon leveling must be “OFF” to change ride heights). Please check to be sure the air tanks are adequately pressurized, usually around 120 psi.

The green Horizon leveling light will blink quickly whilst leveling duty is performed. The light will stay on when a level position is achieved. Should the terrain be too great for the suspension travel to accommodate, the system will warn you by continuous slow blinking of the light showing that the vehicle has been unable to achieve a level condition. The system will always level the vehicle down first, should that not be possible then the system will raise the appropriate corner to achieve a level.

The system checks and re-levels, up or down continuously, even with the ignition off. The system uses less power than a watch battery and will not run the battery down with the system power “ON” and the ignition “OFF”.



System warning

Should the system detect a fault within itself, the two lights within the height selection switch will flash alternatively at a slow speed. The vehicle will be safe to drive in this condition as the vehicle will be locked in standard ride height. The vehicle should be taken to a Monaco recognized service center where the fault will be rectified and cleared.

Should both lights in the Height selections switch be on solid the system has detected a double fault that requires immediate attention. In this scenario the system will lower the vehicle to bump stops until the fault is rectified and cleared.

CAUTION: The Air Suspension System **MUST** be turned off (System Power Off on control panel) when the vehicle, suspension, or electronic control system is serviced. This includes situations where the vehicle is jacked, hoisted, towed, jump-started, raised off the ground or transported to avoid unnecessary operation of the system and/or possible damage to individual components and/or persons.