

Command Scheduler – Scheduling Tasks

This feature is very useful as a single command or multiple commands can be scheduled for a specific time period and the retry mechanism allows the command to be sent at regular intervals within that time period.

Scheduling tasks provides the option of scheduling commands when the box is **not** communicating and the commands will eventually be sent once the box starts to communicate provided the command has not expired.

A command can be scheduled from the Sensors-Commands-Vehicle Info for a particular vehicle. Choose the command that is to be scheduled and click on the check box “Schedule Task”

Sensors-Commands-Vehicle Info - Microsoft Internet Explorer

Commands | **Vehicle Info**

Sensors/Commands info for vehicle: JAY-999079Box:999079
Last Communicated Time: 6/7/2007 11:56:58 AM

Sensor	Status
Door	Closed
Trunk	Closed
Ignition	Off
Main Battery	OK
Backup Battery	OK
Driver Panic	Off
Not in Use 2	Off
Not in Use 3	Off

Output:

Command:

☒ Primary Mode ☐ Dual Communication Mode

Schedule Task: ☒

Keep trying for:

Retry every:

Keep trying for: is the maximum time period after which the command expires

Retry every: is the frequency of trying to send the command

To schedule one or more commands, the box must not be communicating at the instance in which the commands are scheduled. For every scheduled command it is mandatory to choose a duration for both the fields - Keep Trying for and Retry Every. Once a command is scheduled the following message will be displayed.

The screenshot shows a web browser window titled "Sensors-Commands-Vehicle Info - Microsoft Internet Explorer". The page has two tabs: "Commands" and "Vehicle Info", with "Vehicle Info" currently selected. The main content area displays "Sensors/Commands info for vehicle: JAY-999079Box:999079" and "Last Communicated Time: 6/8/2007 2:45:41 PM". Below this is a table with two columns: "Sensor" and "Status". The table lists eight sensors: Door (Closed), Trunk (Closed), Ignition (On), Main Battery (OK), Backup Battery (OK), Driver Panic (Off), Not in Use 2 (Off), and Not in Use 3 (Off). Below the table are two dropdown menus for "Output" and "Command", each with a corresponding "Send" button. There are also radio buttons for "Primary Mode" (selected) and "Dual Communication Mode". A "Schedule Task" checkbox is present, followed by "Keep trying for:" and "Retry every:" dropdown menus, both set to "No Retry". A green message "Scheduled Command Sent." is displayed, and at the bottom are "Refresh" and "Close" buttons.

Sensor	Status
Door	Closed
Trunk	Closed
Ignition	On
Main Battery	OK
Backup Battery	OK
Driver Panic	Off
Not in Use 2	Off
Not in Use 3	Off

Output:

Command:

☒ Primary Mode ☐ Dual Communication Mode

Schedule Task: ☐

Keep trying for:

Retry every:

Scheduled Command Sent.

The command(s) will be sent at the appropriate retry time after the box starts to communicate.

If the box starts communicating after the first retry period then the command(s) will be sent immediately as it has already crossed the first retry period.

If the box starts to communicate after the command(s) were scheduled but if there is no communication at the first retry period then the command(s) won't be sent successfully. The command(s) will be re-scheduled for the next retry period and the same procedure will be followed until the command(s) are sent successfully or until the command(s) expire.

A command ultimately expires when it exceeds the 'Keep trying for' time duration.

Example:

Keep Trying for – 15 min

Retry Every – 5 min

In the above scenario, the command will be sent immediately and at every 5 minutes thereafter. Hence at 0, 5th and 10th minute commands will be sent and will expire at the 15th minute.