# AUTOPAGE (((ψ)))

# C3-RS-900LCD

**PROFESSIONAL 915 MHz. 2-WAY LCD REMOTE
CAR STARTER & ALARM SYSTEM
With
Built in Temperature sensor
And Two-way Serial Port Data Link**

## C 3

**Compatible**
**Please see page 23 of this manual for more details**

## OPERATION MANUAL

**Please register your product at:**
**www.autopageusa.com**

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2008

THIS PRODUCT IS DESIGNED FOR PROFESSIONAL INSTALLATION ONLY

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Congratulations on your purchase of the RS900 LCD remote start vehicle security system.  We sincerely hope the purchase of the RS900 remote start security system gives you peace of mind.

The RS900 LCD is a state-of-the-art two-way communication system.   Please take the time to read over this manual to thoroughly familiarize yourself with the many features and options of the RS900.

Auto Page, Inc. has over 25 years of experience in the vehicle security industry in the United States and is a wholly owned subsidiary of Iwata Electric Co., of Tokyo, Japan.   Iwata has been an industry leader for over 50 years, establishing a reputation for ingenuity in its engineering capability and innovative communication products.   Auto Page and Iwata maintain a long tradition of providing the best value to their customers.
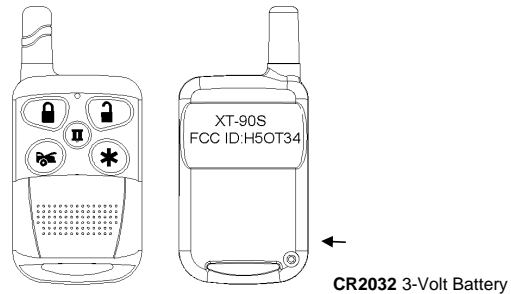
<u>TRANSMITTERS</u>

The RS900 comes with two transmitters.   The XT-90LCD is a 2-way transmitter and receiver, also referred to as a transceiver.   The XT-90S is a mini-size 1-way transmitter.   Both operate on the 915 MHz. with a code-rolling feature that will prevent any illegal use of a code-grabber attempting to record and steal the codes of your transmitter.

**CHANGING THE BATTERY IN YOUR TRANSMITTERS**

**XT-90 LCD:**   This transmitter uses a standard 1.5-volt AAA battery.
Information on changing the battery can be found on page 5 of this manual.

**XT-90S:**   This transmitter uses one (1) 3-volt lithium ion battery (#CR2032) that is placed with the (+) side facing upward.   To replace the battery, you will need to use a small flat blade screwdriver and a small Philips screwdriver.   Remove the small Philips head screw. Then locate the small notch on the lower right side of the transmitter case next to the key ring.   Using the flat blade screwdriver, carefully pry the top case from the bottom case.   It should snap apart after breaking the seal.   Before removing the battery note the direction of the positive (+) terminal.   Place the new battery in exactly the same manner, being careful not to bend or damage the contact terminal.   Snap the cases back together and then test the transmitter to insure it arms and disarms the alarm. Reinstall the Philips screw to finalize the battery replacement.

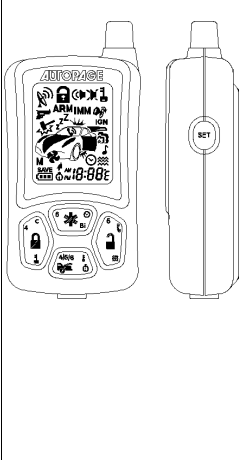**XT-90S** Extended Range Sliding Cover remote



XT-90S
FCC ID:H5OT34

**CR2032** 3-Volt Battery

## WARNINGS:
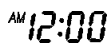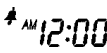
As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.

1. Keep the transmitter out of children's reach.
2. Do not leave anyone in the vehicle while running on remote control.
3. Alert servicing personnel that the vehicle can be started automatically.
4. Do not start the vehicle by remote while it's in an enclosed area or garage.
5. Always apply the parking brake and lock the vehicle as you exit the vehicle.
6. The vehicle windows must be rolled up.
7. Should the unit malfunction, disconnect the fuse until the problem is corrected.
8. The use and operations of this system is the sole responsibility of the operator.
9. Some areas may have local ordinances that prohibit leaving a vehicle running on public streets.
10. It is not safe to remote start the vehicle if the vehicle is parked on a steep incline.

## LCD REMOTE CONTROL TRANSMITTER:



Note: If the system is interfered by stronger radio frequency around, sources of high voltage electric power or such obstacles like tall buildings and so on, the transmission range may get shorter as the system uses low output powered frequency.

## B. THE REMOTE LCD ICONS WITH FUNCTION:

**Door Lock**
Your vehicle doors are locked

**Door Unlock**
Your vehicle doors are unlocked and the system is disarmed

**Armed Mode**
Your vehicle is in armed mode

**Valet Mode**
All the function are temporarily on hold.

**Remote Transmission**
You are transmitting a signal to the control unit

**In – Range Indicator**
Your are within the remote control range.

**Door Open Warning**
Doors are illegally opened (Zone 3)

**Trunk/Hood Trigger**
Trunk or Hood is illegally opened (Zone 2)

**Shock Sensor Trigger**
Trigger on Shock Sensor (Zone 4)

**Warn Away trigger**
Trigger on Shock Sensor (Zone 1)

**Engine Starting**
Your vehicle engine starting by remote control

**Engine Running**
Your vehicle's engine is running

**Timer Control Start**
Start the Engine automatically at the same time next day or every 3-hours.

**Temperature Monitor**
Indoor temperature of your vehicle

**Time Monitor Clock**

**Alert Alarm**
You have set morning call alarm

**Count Down Timer**
Reminder when time is up for parking

**Power Save Mode**
Save the battery power

**Vibration Mode**
Remote Control vibrates when the system is triggered

**Button Lock**
Disable the transmission function temporarily

**Driver paging**
Someone is paging you in front of your vehicle

**Low Battery**
You have to replace the battery of the remote control.

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## C: PROGRAMMING OF THE LCD REMOTE TRANSMITTER:

| Transmitter Button | Description | Operation |
|---|---|---|
| SET (1 second) | LCD screen lamp turns on for 5 seconds. | Press and hold for 1 second 1 melody sound to confirm enters. |
| SET (3 seconds) | Time set mode. This is used to set the clock and timers on the remote | Press and hold for 3 seconds 2-melody sounds to confirm enter. |
| SET (5 seconds) | Power Save Mode. **SAVE** | Press and hold for 5 seconds 1 melody sound to confirm enters. |
| SET . SET. SET | Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter | Press within 3 seconds |
| SET - 🔓 (2-second) | Button Lock (🔒) enable / disable | Press within 3 seconds |
| SET - 🔓 (2-second) | Melody / Vibration (〰) Mode | Press within 3 seconds |
| SET - 🚗 (2-second) | Program Count Down Timer (🕐) (10-Minute / 20M / 30 M /1Hour /1.5H / 2.0H) | Within 3 seconds press the 🚗 button until desired time is set, then 🕐 flashes |
| SET - ✳ (2-second) | Enable / Disable Bi Sound **(Bi)** While Pressing Button | |

1. **Screen Lamp ON:** Press and hold the SET button for one second. One melody sound will be heard and the LCD screen lamp will turns on for 5 seconds

2. **Power Save Mode:** While the power save mode, the LCD remote transmitter uses "0" current to save the battery power.

   **Entry:** 1. Press & hold the SET button for 5 seconds, with one melody sound and SAVE icon on the LCD screen to indicate entry in the "power save mode".
   2. Under the "Active Arming Mode" and Disarm mode. Turn the ignition switch to ON, the LCD remote transmitter will automatically enter the "Power Save Mode"
   **Exit:** Press any button of the LCD remote transmitter to exit the "Power Save Mode".
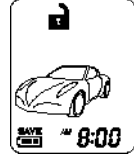
3. **Clear the Flash Icon and Melody Sound:** Pressing the SET button 3 times within 3 seconds will clear the flashing icons and melody sounds on the LCD screen transmitter

**4. Stop The Trigger Melody Sound:** While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon. Press any button on the LCD remote transmitter to stop melody sound only.

**5. Button Lock:** This may be useful if you want to disable the transmission function of the remote control temporarily to prevent the inadvertent pressing of the buttons. Press the

SET button first, within 3 seconds press and hold the 🔒 (🔓) button for 2 seconds to activate or cancel the button lock

function The 🔒 icon will displayed on the LCD screen to show the LCD remote transmitter is on "Button Lock".
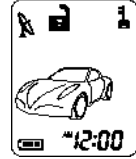
**6. Vibration / Melody Mode:**
This feature is useful when you are in a noisy place and it is difficult to hear the beep sound from the remote control. The remote control in this mode will vibrate when your security system is triggered.

Press the SET button first, within 3 seconds press and

hold the 🔓 (〰) button for 2 seconds to select the mode

of vibration or melody. The 〰 icon will be displayed on the LCD screen to showing that the LCD remote transmitter is in vibration mode.

**7. Enable / Disable Bi Sound While Pressing Button:**
The remote has a short "bi" sound while pressing the button of the LCD screen transmitter.

If you want to mute the "bi" sound while pressing the buttons. Press the SET

button first, within 3 seconds press and hold the ✱ **(Bi)** button for 2 seconds to disable the "bi" sound.

**8. Low Battery Indication:**
When the power of the battery weakens, the remote has two short "bi" sounds and will flash the 🔋 icon while pressing the button of the LCD screen transmitter.

**9. Set Up Fixed Count Down Timer:**

1. Press the SET button first, within 3 seconds press and hold the 🚗 (⏱)

button for 2 seconds, the LCD screen will shows an ⏱ icon and timer (i.e. 0:10),

2. Press the 🚗 (⏱) button again showing next order time on the screen (ie.0: 20), press them again (ie.0: 30)…and so on.

3. Leave the buttons alone and unit will start counting down. The ⏱ icon will start flashing

   **Note:** 1.The count down period is fixed to 10 minutes, 20 minutes, 30 minutes, 1 hour, 1.5 hours and 2 hours maximum.
    a. When the count down timer shows 0:00 the time has elapsed.

b. Press SET button for real time indication of when the timer is counting down.

**10.        Out Of Range and Temperature Indication:**
If this feature is selected, the system will automatically check if you are within transmitting range and check the temperature every 30 minutes.

1. If within the range, the ⛛ icon will display on the LCD screen.

2. If you are out of range, the ⛛ icon will disappear on the LCD screen.

## D. CLOCK & TIMER SETTING:

| | Transmitter Button | Description | Press Transmitter Button |
|---|---|---|---|
| 1 | Press & Hold the SET button until hour flashes | **Clock Setting** (Hour) *Flash digit for adjusting | ✱ for **–** and 🖨 for + |
| | Press the SET button once | Time setting (Minute) *Flash digit for adjusting | ✱ for **–** and 🖨 for + |
| 2 | Press the SET button once. | **Alert Alarm Time Setting** (Hour) *Flash digit for adjusting | ✱ for **–** and 🖨 for + |
| | Press the SET button once | Alert Alarm Time Setting (Minute) *Flash digit for adjusting | ✱ for **–** and 🖨 for + |
| | Press the SET button once | Alert Alarm Setting ON / OFF | ✱ for **OFF** and 🖨 for **ON** |
| 3 | Press the SET button once | **Count Down Timer Setting** (Hour) *Flash digit for adjusting (Max.19 hours 59 minutes) | ✱ for **–** and 🖨 for + |
| | Press the SET button once | Count down Timer Setting (Minute) *Flash digit for adjusting | ✱ for **–** and 🖨 for + |
| | Press the SET button once | Count down Timer Setting ON / OFF | ✱ for **OFF** and 🖨 for **ON** |
| 4 | Press & hold the 🔓 button for 2 seconds. | **Daily Timer Start Timer** **Setting** Flash 🕐 / 🦅 icon and "Hours" for adjusting | ✱ for **–** and 🖨 for + |

EXIT: Press and hold the SET button for 2 seconds or leave it for 10seconds, the system will exit the programming mode.

### 1. Clock Setting: Example to 10:30 AM

1. Press & hold the SET button for 3 seconds, with two-melody sounds and the "Hours" digit flashes for adjusting.
2. Press the ✱ or 🖨 button to decrease or increase the "Hour" digit until AM**10**:xx

3. Press the SET button once again, the "Minute" digit flashes for adjusting.

4. Press the ✱ or 🖲 button to decrease or increase the "Minutes" digit until AM 10:**30**

5. Press the SET button for 2 seconds with one-melody sound to confirm exiting the timer program mode.

**2. Alert Alarm Timer Setting: Example to PM 6:30**

1. Press & hold the SET button for 3 seconds, with two-melody sounds and the "Hours" digit flashes for adjusting.

2. Press the SET button twice, the LCD screen will show the 🐦 icon and the "Hours" digit will flash for adjustment.

3. Press the ✱ or 🖲 button to decrease or increase the "Hour" digit until **PM 6:xx**

4. Press the SET button once again, the "Minutes" digit flashes for adjusting.

5. Press the ✱ or 🖲 button to decrease or increase the "Minutes" digit until **PM 6:30**

6. Press the SET button once again, the 🐦 icon flashes for alert alarm "ON / OFF" setting

7. Press the 🖲 button to start the "Alert Alarm Timer", and the "ON" icon will show on the LCD screen. Press the ✱ button to stop the "Alert Alarm Timer", and the "OFF" icon will show on the LCD screen.

8. Press SET button for 2 seconds with one-melody sound to confirm exiting the timer program mode.

**3. Count Down Timer Setting: Example Set count down timer at 2:30**

1. Press & hold the SET button for 3 seconds, with two-melody sounds and the "Hours" digit flashes for adjusting.

2. Press the SET button 5 times, the LCD screen will show the 🕛 icon and "Hours" digit flashes for adjusting.

3.Press the ✱ or 🖲 button to decrease or increase the "Hour" digit until 2:xx

4.Press the SET button once again, the "Minutes" digit flashes for adjusting.

5. Press the ✱ or 🖲 button to decrease or increase the "Minute" digit until **2:30**

6. Press the SET button once again, the 🕛 icon flashes for alert alarm "ON / OFF" setting

7. Press the 🖲 button to start the count down timer, and the "ON" icon

will show on the LCD screen.

Press the ✹ button to stop the count down timer, and the "OFF" icon will show on the LCD screen.

8. Press the SET button for 2 seconds with one-melody sound to confirm exit of the timer program mode.

**Note:** Maximum is 19 hours.

**4. Time Set-Up For "Daily Timer Start": Example to AM 6:30**

1. Press & hold the SET button for 3 seconds, with two-melody sound and the "Hours" digit flashes for adjusting.

2. Press & hold the 🔓 button for 2 seconds, the LCD screen will flash the ⊙ / 🦝 icons and the "Hours" digit for Hour set-up.

3. Press the ✹ or 🔧 button to decrease or increase the hour digit until **AM 6:00**

4. Press the SET button once again, the "minutes" digit flashes.

5. Press the ✹ or 🔧 button to decrease or increase the minutes digit until **AM 6:30**

6. Press the SET button for 2 seconds with one-melody sound to confirm exit the timer program mode.

## OPERATION:

## A. REMOTE TRANSMITTER OPERATION:

| Transmitter Button | System Function | Remark |
|---|---|---|
| 🔒 | Lock Doors & Arm System | |
| 🔒 | Panic function | Press and Hold for 3 seconds. Press the 🔧 button to stop. |
| 🔒 | Car Locator | Under armed mode |
| 🔒 - 🔒 | Arm and Delete The 2 Stage Shock Sensor. | Press twice within 3 seconds |
| 🔒 + 🔓 | Silent Arming / Disarming | Ignition in "off" position. |
| 🔒 + 🔓 | Active Anti Car-Jacking Mode | Ignition in "on" position, press and hold for 2 seconds |
| 🔓 | Unlock Doors & Disarm System | |
| 🔓 - 🔓 | Two Steps Door Unlock & Disarm System | Press twice within 3 seconds. |
| 🔧 | Trunk Release (Channel 3) | Press and Hold for 2 seconds |
| 🔧 - 🔧 | Passive Arming By-pass | While the system Disarmed. |
| 🔧 - 🔒 | Arm System and Hidden Alarm Function | Under disarm mode, press within 3 seconds and Hold 🔒 button |
| ✹ | Activate or Turn Off The Remote Start | Press twice within 3 seconds if programmed for safety start |
| 🔒 + 🔧 | Channel # 4 Timer Output (**4**) | |

| | System Function | Remark |
|---|---|---|
| 🔓 + ✂ | Channel # 5 Timer Output (**5**) | |
| ✳ + ✂ | Channel # 6 Timer Output (**6**) | |

## LCD DISPLAY TRANSMITTER OPERATION ONLY:

| Transmitter Button | System Function | Remark |
|---|---|---|
| SET - 🔒 **(C)** | System's Trigger Record Check | Press within 3 seconds |
| SET - SET - 🔒 **(C)** | System's Status Check | Press within 3 seconds |
| SET - 🔒 (🔐) | Button Lock | Press within 3 seconds and Hold 🔒 button for 2 seconds |
| SET - 🔓 (📞) | Optional Driving Pager | Press within 3 seconds |
| SET - ✂ (🌡) | Monitor Indoor Temperature | Press within 3 seconds |
| SET | LCD screen lamp turns on for 5 seconds. | Press and hold for 1 second |
| SET - SET - SET | Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter | Press within 3 seconds |

**Warning: Press the ✳ button two times when the battery compartment is empty, and then insert the new battery.**

**B. BUTTON LOCK:**
This may be useful if you want to disable the transmission function of the remote control temporarily to prevent the inadvertent pressing of the buttons. Press the SET button first, within 3 seconds press and hold the 🔒 (🔐) button for 2 seconds to activate or cancel the button lock function. The 🔐 icon will displayed on the LCD screen to show the LCD remote transmitter is on "Button Lock".

**The 2-way LCD transmitter:**

Press the SET button first, within 3 seconds press and hold the 🔒 (🔐) button for 2 seconds to activate or cancel the button lock function.

The 🔐 icon will be displayed on the LCD screen to confirm that the LCD remote transmitter is in the "Button Lock" mode.
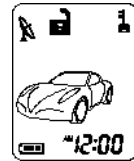
## C. LED display:

| LED | Function |
|---|---|
| Off | Disarmed |
| Slow Flash | Armed |
| Flash | Passive Starter Disable |
| Fast Flash | Passive Arming |
| On (Solid) | Valet Mode |

| LED | Function |
|---|---|
|  | Zone 1 / Warn-Away Trigger |
| 2 flashes... pause | Zone 2 / Trigger on Trunk/Hood |
| 3 flashes... pause | Zone 3 / Trigger on Door Switch |
| 4 flashes... pause | Zone 4 / Trigger on Shock Sensor |
| 5 flashes... pause | Zone 5 / Trigger on Ignition Switch |

## D. CHIRP INDICATORS:

| Chirp | Function |
|---|---|
| 1 chirp | Arm |
| 2 chirps | Disarm |
| 3 chirps | Defective Reminder |
| 4 chirps | Disarm / Triggered |
| 6 chirps | Car Locator |

## E. PARKING LIGHT:

| Parking light | Function |
|---|---|
| 1 flash | Arm |
| 2 flashes | Disarm |
| 3 flashes | Disarm / Triggered |
| 12 flashes | Car Locator |
| Constant On | Under Remote Start |

## F. ALARM OPERATING CONDITION:

|  | Siren / Horn | Parking Light | LED | Doors | Starter | Dome Light |
|---|---|---|---|---|---|---|
| 1. Arming | 1 or 3 Chirps | 1 Flash | Slow Flash | Locking | Disable | |
| 2. Disarming | 2 or 4 Chirps | 2 or 3 Flashes | | Unlocking | | Turns on for 30-second |
| 3. Trigger | Alarming | Flashes | Slow Flash | | Disable | Flashes |
| 4. Passive Starter Disable | | | Fast Flash | | Disable | |
| 5. Panic | Alarming | Flashes | | | | Flashes |
| 6. Car-Jacking | Alarming | Flashes | | | Disable | Flashes |
| 7. Car Locator | 6 Chirps | 12 Flashes | | Locking | | |

## G. ACTIVE ARMING – LOCK & ARM:

1. Press the 🔒 button on the transmitter.
2. The siren will chirp once and parking lights will flash once indicating that the system is now armed. The vehicle door will lock upon arming when interfaced with the security system.

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| System Arm | Door Ajar | Trunk / Hood Ajar |
|:---:|:---:|:---:|
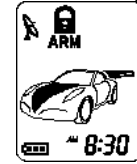
**Clear The Flash Icon:**

Pressing the SET button 3 times within 3 seconds will clear the flash icon on the LCD screen transmitter.

**DEFECTIVE SENSOR REMINDER:** If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar.

**SILENT ARMING / DISARMING:** Pressing the transmitter 🔒 and 🔓 button at the same time will arm or disarm your security system, No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

**SHOCK SENSOR BY-PASS:** Pressing the 🔒 button on the transmitter two times within 3 seconds will arm the security system and by-pass the shock sensor. The system will chirp one additional time to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

## H. PASSIVE ARMING (programmable)

Active arming / disarming is controlling your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.

1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once all vehicle entrances are closed.
3. After 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp [1] time and the parking lights will flash [1] time.

## PASSIVE ARMING WITH PASSIVE DOOR LOCKING: (programmable)
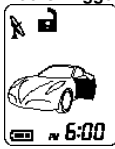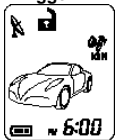
The vehicle doors will automatically lock after passive arming cycle has been completed.

**PASSIVE ARMING BY-PASS:** While the system is disarmed, press the 🔕 buttons twice, the system will respond with [1] chirp and LED will turn "ON". The security system will remain in this temporary state for as long as you wish. To exit passive by-pass, press the transmitter 🔒 or 🔓 button and the system will return to normal status.

## I. ACTIVE DISARMING – UNLOCK & DISARM:

1. Press 🔓 button on the transmitter.
2. The siren will chirp twice and parking lights will flash twice to indicating that the security system is now disarmed. The vehicle's door will unlock

and dome light will turn on for 30 seconds upon disarming when interfaced with the security system.

| System Disarm | Doors Trigger | Trunk/Hood | Warn away Trigger |
|---|---|---|---|

**Shock Sensor Trigger**

**Ignition Trigger**

**Trigger**

**Clear The Flash Icon:**

Pressing the SET button 3 times within 3 seconds will clear the flash icon on the LCD screen transmitter.

**TAMPER DISARMING**: If the alarm is triggered upon disarm, the systems siren will chirp 4 times, and parking light flash 3 times.

**PATHWAY ILLUMINATION:** This feature turns the parking light "ON" for 30 seconds upon an unlock signal and for 10 seconds upon the lock signal. **(Programmable)**

**TWO STEPS DOOR UNLOCK: (programmable) (optional)**

This feature will independently unlock the driver's door only when disarming the security system. Pushing the button a second time within 3 seconds will unlock the other doors.

**AUTOMATIC RE-ARM**: **(programmable)**

If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

## J. DISARMING WITHOUT A TRANSMITTER
### OVERRIDES THE ALARM WITHOUT PASSWORD PIN CODE:
(Factory Default Setting)
The Override function may be used if the remote transmitter is lost or inoperative.
1. Enter the vehicle and turn the ignition switch to 'ON' position.
2. (Alarm will sound.)
3. Within 10 seconds push and release the valet switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

**OVERRIDE THE ALARM WITH PASSWORD PIN CODE:**
Because the valet switch can be easily found, and defeated. This security system allows the consumer to program a password pin code offering a higher level of security.

1. Enter the vehicle and turn the ignition switch to the 'ON' position. (Alarm will sound.)
2. Within 5 seconds, enter your chosen the first digit code by pressing and releasing the Valet Switch. (When you are finished with the above procedures, system's siren stop alarming, lights stop flashing, but the vehicle cannot be started.)
3. Within 15 seconds of entering the first code, turn the Ignition Switch "OFF" and then "ON".
4. Within 15 seconds, enter your chosen second digit code by pressing and releasing the Valet Switch the number of times for your code.
5. Turn the ignition switch to the "OFF" position. 4 Chirps form siren/horn and 3 flash from parking light will indicate the system has been disarmed.

Note 1: You must override the alarm within 60 seconds. If not, the system will automatically re-arm.

**EXAMPLE: To Override The System With The Password Code 83,**
1. Enter the vehicle and turn the ignition switch to 'ON' position.
(Alarm will sound.)
2. Within 5 seconds, Press and Release the Valet Switch 8 times, (When you are finished with the above procedure the system's siren stops alarming, lights stop flashing, and sensor stops triggering, but the vehicle can not be started or driven away.)
3. Within 15 seconds of entering the first digit of the code, (the 1$^{st}$ code), turn the Ignition Switch "Off" and then "ON".
4. Press and Release the Valet Switch 3 times (2$^{nd}$ digit of the code , # 3)
5. Turn the Ignition Switch to the "Off" position. [4] Chirps form siren/horn and [3] flash from the parking lights will indicate the system was disarmed.

**K. VALET MODE: (System in Disarm or Valet mode)**
The valet switch allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions and remote start functions are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the Manual override sequence.

**Remote Door Lock    Remote  Door  Un-lock**

**Enter Valet Mode:**
1. From the disarmed condition, turn the ignition to "ON" position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.

**Exit Valet Mode:**
1. Return to normal operation, turn ignition 'on'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicating the system is exiting the valet mode.

## L. CAR LOCATOR

Under armed mode, press the 🔒 button to activate the car locator function. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.
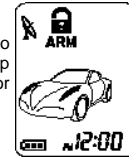
## M. PANIC FUNCTION:

The transmitter can be used as a remote panic switch to manually trigger the alarm in case of an emergency.

1. Press and hold the 🔒 button for 3 second. The alarm will immediately sound.
2. During panic mode, the normal function of this transmitter button will be disabled. The transmitter 🔒 and 🔓 buttons can be used to lock and unlock the door (if the option is installed), however once the 🔓 button is pressed, the vehicle's starter disable device, (where installed) will be disengaged allowing the vehicle to start.

3. To stop the alarm, press and hold the transmitter 🔒 or 🚗 button on the transmitter again for 3 seconds. If the button is not pressed, the alarm will automatically stop after 30 seconds.

## N. TRIGGER THE SYSTEM

When armed, your vehicle is protected as follows:
1. Light impact will trigger the warn-away signal.
2. Heavy impacts / Doors open / Hood open / Trunk open / Turning on the ignition key will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on to alert the user of an intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the one of sensors or detectors still active, the alarm system will sound a maximum of 3 times of 30 seconds cycles.
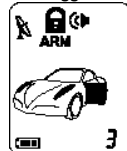
**Door Trigger**    **Trunk/Hood Trigger**    **Warn-away Trigger**    **Shock Sensor Trigger**
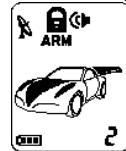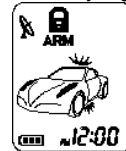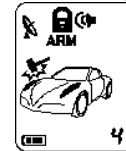
**Ignition Trigger**
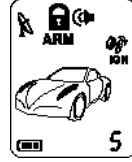
**CLEAR THE FLASH ICON AND MELODY SOUND:** While triggering the alarm the LCD screen will alert user through melody sounds and flashing trigger icons. Pressing the SET button 3 times within 3 seconds will clear the flashing icons and stop melody sound on the LCD screen transmitter.

**STOP THE MELODY SOUND ONLY:** While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon, press any button on the LCD remote transmitter to stop melody sound only.

**NOISE ABATEMENT CIRCUIT:** You system has "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental condition such as thunder, jackhammers airport noise, etc.

Here's how "Noise Abatement Circuit" works: The alarm triggers 5 times. Each time, the same sensor or switch is triggering the alarm. "Noise Abatement Circuit" will interpret this pattern of triggers as false alarm. After the third trigger, "Noise Abatement Circuit" ignores, or bypasses, that sensor or switch until another sensor or switch is trigger.

"Noise Abatement Circuit" covers doors (Hood/Trunk) differently: If the alarm is triggered by an open door for three full cycles, the doors will be bypassed until the trigger ceases.

## O. ANTI CAR- JACKING    (programmable)

**Warning:** If you don't need the car jacking function in this alarm system, be sure to set car jacking feature "OFF" in unit programming. This system has a default setting of car-jacking feature "OFF".

### ACTIVE ANTI CAR JACKING:

1. Press and hold the transmitter 🔒 and 🔓 button at the same time for 2 seconds while the vehicle's ignition is in the ON position. The parking lights will turn on for 1.5 seconds to indicate that car jacking mode has been entered.
2. Once the system is armed and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is in the "ON" position.

### PASSIVE ANTI CAR- JACKING:

It operate as follows:

1. Turn the ignition switch to the "ON" position; system will arm.
2. Once the system is armed and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is in the "ON" position.

### TRIGGER THE ANTI CAR -JACKING MODE:

3-timer circuits will function as follows:

First timer:
  a.  50 seconds after the system has been triggered. The siren will start chirping for 15 seconds.
  b.  During this 15 seconds period of chirping, you will be alerted to push the valet switch once to turn off the car-jacking feature.
  c.  If not, it will enter second timer of the car-jacking mode.

Second timer: 65 seconds after the system has been triggered.

The siren will start sounding and the parking light will start flashing.

Third timer: 90 seconds after the system has been triggered

a. The siren still be sounding and the parking lights remain flashing.
b. The starter disable will activate to prevent the vehicle from starting.
**c.** It will remain active until the vehicle's battery power exhausted or until the valet switch has been pushed with the ignition ON.

**OVERRIDE THE SYSTEM TO TURN OFF ANTI CAR- JACKING:**
Turn the ignition switch from OFF to ON, and within 10 seconds push valet switch, the siren will stop and the system will be disarmed
**Note**: If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.

## P. SYSTEM'S TRIGGER CHECK

Press the transmitter SET first, within 3 seconds press

🔒 **(C)** button. It responds with one melody sound and all trigger's records will immediately be displayed on the LCD screen.

## Q. SYSTEM'S STATUS CHECK

When you want to check the system's present status through the LCD screen, press the transmitter SET button twice, within 3 seconds press 🔒 **(C)** button. It responds with one melody sound.
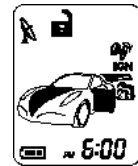
## R. DRIVER PAGING

This feature can be used in the event that someone wants to page the driver of the parked vehicle.

### In Car Driver Paging

If the ignition switch is in the "OFF" position, press and hold the valet switch for 2 seconds to page the driver, one chirp sound shall be emitted from the vehicle. A paging melody sound continues sounding from your Remote LCD

Transmitter and " 📞 " indication flashes on the LCD screen.

### Out of Car Driver Paging

If someone tries to page you by tapping the paging (knock) sensor which is usually mounted on the bottom part of front window, the paging melody sound

continues sounding from your Remote LCD Transmitter and " 📞 " indication flashes on the LCD screen.

1.  To activate driver paging Press the transmitter SET button first, within 3 seconds press 📞 **( )** button to activate the outdoor driver paging function, It responds with a chirp from the vehicle, and a melody sound and

    " 📞 " indication flashes on the LCD screen to confirm the function is on.
2.  When tapping the paging (knock) sensor, one chirp

sound shall be emitted from the vehicle. The paging melody sound continues sounding from your Remote

LCD Transmitter and the "🔔" indication flashes on the LCD screen.

3. Turn ON the ignition switch; OR press the 🔒 button to

arm the system; OR press the 🔓 button to disarm the system. The outdoor driver paging function will exit.

## S. DOME LIGHT CONVENIENCE DELAY & SUPERVISION (programmable)

The alarm has a unique feature, which will turn on your vehicle dome light as following:
1. Upon disarming, the interior light will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.
Note: Turning on the ignition switch or arming the alarm will turn off the dome light.

## T. IGNITION CONTROL DOOR LOCK/UNLOCK. (Programmable)

If the vehicle's door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned "ON" and /or unlock the vehicle's doors when the ignition is turned "OFF".

## U. TRUNK RELEASE (CHANNEL 3) OUTPUT.

Press and hold 🔑 button on the transmitter for two seconds to remotely release the trunk or other electric devices.
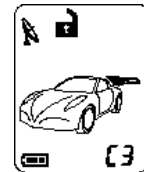
## V. CHANNEL 4 TIMER CONTROL OUTPUT

Pressing the transmitter 🔒 **(4)** and 🔑 **(4)** button at the same time will activate the Channel 4 function. Channel 4 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)
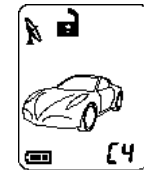
### W. CHANNEL 5 TIMER CONTROL OUTPUT

Pressing the transmitter ▤ (5) and ▤ (5) buttons at the same time will activate the Channel 5 function. Channel 5 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlight, power window or sunroof. (Factory defaults setting at momentary output.)
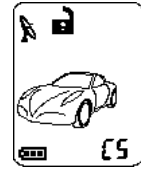
### X. CHANNEL 6 TIMER CONTROL OUTPUT

Pressing the transmitter ✱ (6) and ▤ (6) buttons at the same time will activate the Channel 6 function. Channel 6 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output

may be used to turn on the headlight, power window or sunroof.
(Factory defaults setting at momentary output.)
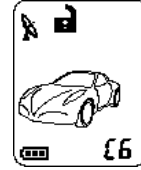
### Y. SECOND VEHICLE SECURITY OPERATION:

Your 5-button remote transmitter can be utilized to control a second vehicle security system, To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming.

### Programming the Transmitter to 2<sup>nd</sup> Car

Enter:
1. Turn the ignition key **ON 3 times**. (Finishing in the **ON position**)
2. Press valet switch **2 times**, holding in on the **2<sup>nd</sup> push**, you will hear a long siren chirp. (Release the valet switch)
3. Press the shift button of the Car 2 transmitter.
** LCD transmitter must be put in 2<sup>nd</sup> car mode to program for 2<sup>nd</sup> car.
(See next page)
4. Press the lock button on the transmitter; you will hear 1 siren chirp.
Turn OFF the ignition switch; you will hear 3 long siren chirps to confirm programming and exit transmitter programming.

### ** For 2-way LCD Display Transmitter:
### 2nd Car Operation:

1. Press SET first, within 3 seconds press and hold the 🔒 and 🔓 buttons at the same time for 2 seconds. Two beeping sound and the "2nd" icon will be displayed on the LCD screen to indicate the second transceiver pin code is programmed.
3. While the "2nd" icon is displayed on the LCD screen, you can remotely control and communicate with a second vehicle's security system. It has two short "bi" sounds while pressing the
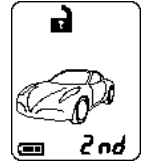
button of the LCD screen transceiver.

**Back to 1st Car Operation:**

1. Press the SET first, within 3 seconds press and hold 🔒 and 🔓 buttons at the same time for 2 seconds. One long beeping sound and the "PM *6:00*" timer icon will be displayed on the LCD screen indicating the system is back to the first transceiver pin code.

2. While the "PM *6:00*" timer icon is displayed on the LCD screen, you can remotely control and communicate with the first vehicle security system. It has one short "bi" sound while pressing the button of the LCD screen transceiver.
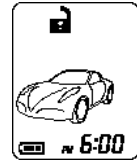
**!!! IMPORTANT !!! To operate the primary vehicle, the remote must be set to first car operation**

**Z. POWER ON MEMORY:**

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected

.

## REMOTE START OPERATION:

**A. TO REMOTE START THE VEHICLE:**

When you want to start your vehicle,

1. Press ✱ button once on the transmitter.
2. The parking lights will activate to indicate the remote start received the signal.
3. The engine will start in approximately 5 seconds.
4. Once the engine is running and after couple seconds the parking lights will turn on again and climate controls will activate and adjust the vehicles interior temperature to your preset setting. (While the vehicle is running, the "minutes" digit on the LCD screen will flash and will indicate a count down timer based on the 5, 10, 20 or 30 minute run time set up by your installation center.)
5. The vehicle will run for 5 to 30 minute cycle and automatically shut down. (When the unit shuts off the count down timer will turn off and the transmitter will play a melody sound.)

E: The Remote Start Unit will not start the vehicle if any one of the following conditions exists:
1. The hood is opened.
2. The brake pedal is pressed.
3. The remote start enable toggle switch is in the OFF position. (If installed)
4. The gear selector is in any gear other then "PARK" or "NEUTRAL"

**Activate Remote Start**
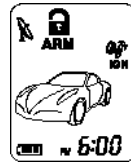
**Engine Running**
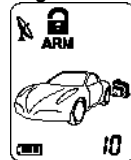
**SAFE START (Child safety mode) (programmable)**

The factory default setting to start the vehicle is to press the ✱ button ONCE on the transmitter. Programming this feature to eliminate an accidental remote start operation,

1. The user must press the transmitter ✸ button twice within 3 seconds to start the vehicle. or

2. The user must press the transmitter 🔒 and ✸ buttons at the same time to start the vehicle.

## B. TO OPERATE THE VEHICLE WHILE RUNNING ON THE REMOTE START:

To operate the vehicle while the engine is running on the remote start:
1. Insert the ignition key and turn it to "ON" (not the start) position.
2. Press the brake pedal.
Note: If the brake pedal is pressed before the key is in the ON position, the engine will shut down.

## C. TEMPORARY STOP FEATURE:

This feature allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time, but would like to leave the motor running and the climate control on.

1. Before turning off the engine, press the ✸ button on the transmitter and the LED indicator will flash 3 times to confirm entry.
2. Turn the ignition key to OFF position. (The engine will stay running.)
3. The engine will run until the pre-programmed time has elapsed or shutdown input is received. If the brake pedal is depressed the engine will stop.

## D: TURBO CHARGE MODE: (programmable)

Turbo charge mode keeps the engine running after arriving at your destination for a programmable period of 1, 3 or 5 minutes. This allows the vehicle's engine time to conveniently cool down the turbo after you have left the vehicle. To activate:
1. While the engine is running, pull up the hand brake and place the transmission gear in the park position.
2. Before turning off the engine, press and release 🔒 and ✸ buttons at the same time.
   -- The LED will flash indicating the remote start has entered the turbo charge mode.
3. Take the "Ignition Key" from the key cylinder.
   -- Engine keeps running. --
4. Exit and secure the vehicle.
   **--** Engine continues running until the pre-programmed time has elapsed. **--**
NOTE: This feature only applies to vehicles with Turbo Engines.

## E. TIMER / TEMPERATURE START: (programmable)
## CAUTION SHOULD BE USED IN THIS OPERATION. PLEASE INSURE THAT YOU ARE FAMILIAR WITH THIS FUNCTION AND HOW IT OPERATES.

This unit can be programmed to start and run the engine every 3 hours or punctually at the same time next morning, the engine will run for the programmed running time and then shut down.

**IMPORTANT**: *Timer Start should be used only in open areas, never start and run the vehicle in on enclosed space such as a garage or carport.*

**3-hour timer start with Temperature-control OFF:** This feature is designed for an extreme cold climate usage. The system will auto start the vehicle every 3 hours, to prevent engine from freezing.
**A MAXIMUM OF SIX CYCLES CAN OCCUR.**
**3-hours timer start with Temperature-control:**
If the temperature Sensor is active, the system can be programmed to automatically start the vehicle's engine whenever the temperature inside the vehicle reaches or drops below the preprogrammed temperature level. The system will monitor the air temperature every 3 hours and will only start the engine during extreme cold temperatures. There are three temperature levels to choose from. (OFF, 0 Deg F or –15 Deg F)
**Daily Timer Start:** The feature is very useful for the driver who wants to run the vehicle punctually at the same time the next morning. Before set-up of the "Daily Timer Start", you should set you time for engine start.

**Timer / Temperature Start Operation:**

**Timer Start**     **Temperature Start**

1. Turn the ignition key ON then OFF.
2. Within 15 seconds, Press the 🔏 button first, within 3 seconds press the ✱ button.
3. The parking lights will flash and the siren will chirp 3 times indicating the timed start mode is activated.

Your set the timer icon or the temperature icon for engine start flashes for approx. 3 seconds on the LCD screen. After 3 seconds the ⊙ icon stays displayed on the LCD screen
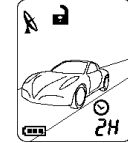
**Daily Timer Start Operation:** The feature is very useful for the driver who wants to run the vehicle punctually at the same time next morning. Before use of the "Daily Timer Start", you should set the start time for the engine.

**Daily Timer Start:**

Turn the ignition key ON then OFF. Within 15 seconds press the transmitters 🔏 button then within 3 seconds press and hold the ✱ button for three seconds. The parking lights will flash and the siren will chirp (6) times. The vehicle is now programmed to start at the same time the next day. Your set time for the next day engine start flashes for approx. 3 seconds on the LCD screen. After 3 seconds the ⊙ icon stays displayed on the LCD screen.

4. Press the brake pedal to stop the vehicle's engine.

**Exit the timer start:** Timer start can be exited manually as follows:
1. Make sure the remote start system is not operating the engine.
2. Turn the ignition on. The LED and parking lights will flash (4) times. The horn chirps (4) times.

## F. TEMPERATURE CHECK

If the temperature sensor is active you can monitor, through the LCD screen, the present indoor temperature of the passenger compartment before cooling or heating your vehicle.

Press the transmitter SET buttons and within 3 seconds press the

🔧 (🌡) button. The in-door temperature will be shown on the LCD screen. This reading may be higher than actual ambient temperature due to the greenhouse effect and is relative only the inside vehicle temperature.

## G. TO TURN OFF THE REMOTE START:

When the engine is running (by remote start), if you want to stop it,

1. Press ✱ button once on the remote transmitter while in the remote start mode.
2. Press the brake pedal. The vehicle will shut down and turn off the parking lights will indicate engine has stopped
3. Move the optional remote start enable toggle switch to OFF position. (If installed)

## H. SHUT-DOWN INPUT FOR REMOTE STARTER:

If any of the following conditions exist while the system is operating, the engine will not start or will shut down immediately:

1. The hood is opened.
2. The brake pedal is pressed.
3. Engine is over-revved. {"Tachometer checking type" only}
4. The pre-programmed run time (5 /10 / 20 / 30 minutes) has elapsed.
5. Press ✱ button once on the remote transmitter under remote start mode.
6. The optional remote start enable toggle switch is in the OFF position. (If installed)
7. The vehicle refused to start running after {3} unsuccessful attempts.

## I. DISABLING THE REMOTE START SYSTEM: (Toggle switch If installed)

This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the OFF position.

# LIMITED LIFETIME WARRANTY PROVISIONS
### ( U.S. ,Continental U.S. and Canada Only)

1. Auto Page, Inc. WARRANTS that this new unit has been thoroughly inspected and tested at the factory prior to delivery. Your Auto Page equipment is guaranteed for "life" to the original purchaser/user of the equipment and the original vehicle in which it was installed by an authorized installer under the following conditions: If the product proves defective (according to Auto Page's testing) within the first year, the defective unit may be exchanged or repaired free of charge. "Proof of Purchase" (dated sales receipt) must accompany all warranty returns; **otherwise, your return will be rejected and sent back.** After one (1) year,

the purchaser should ship the unit prepaid to Auto Page with a money order in the amount of $30.00 to cover shipping and handling charges. **Note:** The product needs to be registered online at time of installation. www.autopageusa.com

2. This WARRANTY will be considered void if the equipment has been misused, neglected, improperly serviced or installed, altered, dropped or damaged by water, contrary to the Auto Page OPERATIONS MANUAL. Or, if used with accessories not approved by Auto Page, which may have contributed to the defect. **See note below regarding product installation**\*\*.

3. The purchaser's remedies under this WARRANTY shall be limited to the repair or replacement of electronic components only. **THE FOLLOWING IS NOT COVERED:** Damages or deterioration to cases, batteries, covers and cabinets; the cost of repairs, replacement and labor of which shall be borne by the purchaser even if occurring during the WARRANTY period.

4. Any equipment or parts which are claimed to be defective under this WARRANTY must be sent to the Auto Page Service center with "proof of purchase" at the purchaser's expense prior to such return, a Return Authorization Number should be obtained. Auto Page will return the equipment, charges prepaid. Warranty Service can be provided through the dealer where the equipment is originally purchased.

5. Any unexpired WARRANTY shall be applicable to equipment and parts in the possession of the original purchaser only.

6. THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

7. Auto Page shall not be liable, under the foregoing WARRANTIES or otherwise, for: Any personal injury of any kind to the purchaser, its employees or agents or anyone else whomsoever resulting directly or indirectly from the use or presence of the equipment or parts; Consequential damages of any kind; any inability of the purchaser to use the equipment.

**\*\*IMPORTANT NOTE: Any damages to the alarm system resulting from an installation performed by anyone other than a professional installation technician authorized by a dealer of Auto Page will void the product's limited lifetime warranty.**

## Auto Page Warranty:

**You must register your product online at http://www.autopageusa.com to receive any warranty service.**

**Please go to the *customer service* tab and select *product registration.***

***It is the purchaser's responsibility to register this product for any future warranty service.***

**Warning: Some batteries may contain Perchlorate**

It is recommended to have a minimal digital service plan on your cell phone

**Your RS-900 is CI3 compatible and will open your world to the true power of two way communication. Complete tracking and full cell phone functionality can be added to your system. For more information please visit your local authorized Autopage dealer or go to** www.autopageusa.com **.**

**C|3**

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**2-Way Communication to the Power of 3**

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