





| OPE  | RATION NAME                              |           | SAFETY FIRST (EQUIPM   | IENT & INSTRUCTION)     |            | VITAL PORTION |   |                        |                                      |                        |
|------|--|-----------|--|-------------------------|------------|---------------|---|------------------------|--------------------------------------|------------------------|
|      |  |           | Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes |                         |            |               | DATE                                    | 20.2.20                |                                      |                        |
| s    | erena C27 Steering Switch learning mod   | de for    | - Make sure hand hold co   | nnector when unplugging |            |               | PREPARED BY                             | Tan KW                 |                                      |                        |
|      | Android DVD Navigator Head Unit          |           | - Ensure 'click' sound when plug in connector                              |                         |            |               | GK OK                                   | ING VV I               |                                      |                        |
|      |  |           |  |                         |            |               |   |                        |                                      |                        |
| NO.  | MAIN STEP                                | TIME      | KEY  | POINT                   | RE         | ASON          |   | DRAWINGS/PHOT          | D/PROCEES FLOW                       |                        |
| 1    | At the head unit, Find "Settings" and    |           |  |                         |            |               |   |                        | 2                                    |                        |
|      | press it as shown.                       |           |  |                         |            |               | · • • • • • • • • • • • • • • • • • • • | 6 4 🛆 🛆 🗅              | Settings 📼 🕈 💎 10:3                  |                        |
|      |  |           |  |                         |            |               | 10.00                                   |                        | Settings                             |                        |
|      | Canall daying and look fan "Eastany      |           |  |                         |            |               | 1038                                    |                        | 🄯 Extra settings                     |                        |
| 2    | Scroll down and look for Factory         |           |  |                         |            |               | 2020 Feb 21 Fri                         |                        |                                      |                        |
|      | setting and press it as shown.           |           |  |                         |            |               |   |                        | lo EQ                                |                        |
|      |  |           |  |                         |            |               |   |                        |                                      |                        |
|      |  |           |  |                         |            |               |   |                        | 🗶 Factory settings                   |                        |
|      |  |           |  |                         |            |               | Navigation Badio                        | Bluetooth Settings     |                                      |                        |
| 3    | Press the cursor (" ") in pop up factory |           |  |                         |            |               |   |                        | About machine     Android 7.1.2      |                        |
|      | settings screen as shown.                |           |  |                         |            |               |   |                        |                                      |                        |
|      |  |           |  |                         |            |               |   |                        |                                      |                        |
|      |  |           |  |                         |            |               |   |                        | 4.<br>actory setti 🚾 9 💎 10:3        | 8 🙆 🗘 🛆 🖂 🗂 🗂          |
|      |  |           |  |                         |            |               | Settings                                |                        |                                      |                        |
|      |  |           |  |                         |            |               | Tos Extra settings                      |                        | K                                    |                        |
| 4    | Type the password "121212" and           |           |  |                         |            |               | Feeten: estilese                        |                        |                                      | DONE                   |
|      | press done as shown.                     |           |  |                         |            |               |   |                        |                                      |                        |
|      |  |           |  |                         |            |               | T                                       |                        | 1 2 3 4 5                            | 67890                  |
|      |  |           |  |                         |            |               | K Factory                               | CANCEL                 | @ # \$ % &                           | - + ( )                |
|      |  |           |  |                         |            |               |   |                        | =\< * " :                            | ;!? 🛚 🗙                |
| 5    | Then press "OK" as shown.                |           |  |                         |            |               | About machine     Andreid 7.1.2         |                        | abc _ /                              | , . Done               |
|      |  |           |  |                         |            |               |   |                        |                                      |                        |
|      |  |           |  |                         |            |               | 5                                       |                        | 6                                    |                        |
|      |  |           |  |                         |            |               | 🖵 📑 Factory setti 🚾 🗣 💎 10:38           |                        | App Car Logo Radio Voice             | CanBus Key Study other |
|      |  |           |  |                         |            |               | Settings                                |                        | BT WO BC5                            |                        |
|      | Find "other" on ten of the many her      |           |  |                         |            |               | 🔯 Extra settings                        |                        | DVD YES                              | Radio VES              |
| 0    | and proces it as shown                   |           |  |                         |            |               | Factory settings                        |                        | TV None                              |                        |
|      | and press it as shown.                   |           |  |                         |            |               | S EQ                                    |                        | TPMS NO                              |                        |
|      |  |           |  |                         |            |               | or                                      | CANCEL                 |                                      |                        |
|      |  |           |  |                         |            |               | Factor                                  | Shiroll .              |                                      |                        |
|      |  |           |  |                         |            |               | A located and a lateral                 |                        | A7757 207                            | DRT                    |
| 7    | Scroll down and look for Steering        |           |  |                         |            |               | About machine     Adduid 7.1.2          |                        |                                      |                        |
|      | wheel keys assign and press " 🛩 or       |           |  |                         |            |               |   |                        |                                      |                        |
|      | "Disable" as shown.                      |           |  |                         |            |               | 7                                       |                        | 8                                    |                        |
|      |  |           |  |                         |            |               | App Car Logo Radio Voice                | CanBus Key Study other | Car Logo Radio Voice                 | CanBus Key Study other |
|      |  |           |  |                         |            |               | Switch to front camera after reverse    | 3 eaconde -            | Switch to front comers ofter reverse | 2 seconde -            |
| 8    | Choose "Enable" and press it             |           |  |                         |            |               | Ann install                             |                        |                                      | Platte                 |
| 0    | choose Ellable and press it              |           |  |                         |            |               | App instail                             | Disable <del>-</del>   | App install                          | Disable -              |
|      | as shown.                                |           |  |                         |            |               | Steering wheel keys assign              | Disable 👻              | Steering wheel keys assign           | Disable                |
|      |  |           |  |                         |            |               | Panel LED type                          | Single color LED 🛛 👻   | Panel LED type                       | Enable                 |
|      |  |           |  |                         |            |               | Panel LED control                       | By head light 👻        | Panel LED control                    | By head light 👻        |
|      |  |           |  |                         |            |               | APPLY EXPORT                            | EXIT                   | APPLY                                | ORT EXIT               |
|      |  |           |  |                         |            |               |   |                        |                                      |                        |
|      |  |           |  |                         |            |               |   |                        |                                      |                        |
| DOC  | UMENT NO.:                               | TOOLS     | USED   | MATERIALS USED          | PARTS USED |               |   |                        |                                      | SHEET NO.              |
| REV  |  | Removal   | lool,  |                         |            |               |   |                        |                                      | 1                      |
| 1550 | ISSUE DATE: M10                          |           | ncn,   |                         |            |               |   |                        |                                      | / .                    |
|      |  | Allen Key | ,  |                         |            |               |   |                        |                                      | - 5                    |



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| OPE                             | RATION NAME                           |         | SAFETY FIRST (EQUIPME  | NT & INSTRUCTION) |            | VITAL PORTION |  |                                       |                           |                            |
|---------------------------------|---------------------------------------|---------|--|-------------------|------------|---------------|--|---------------------------------------|---------------------------|----------------------------|
|                                 | orong C27 Stooring Switch loorning mo | do for  | Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes |                   |            |               |  | 20.2.20                               |                           |                            |
| Android DVD Navigator Head Unit |                                       |         | - Make sure hand hold connector when unplugging                            |                   |            |               | MGR OK                                 | Ng WY                                 |                           |                            |
|                                 | · · · · · · · · · · · · · · · · · · · |         | - Ensure click sound when  | plug in connector |            |               | GK OK                                  |                                       |                           |                            |
| NO.                             | MAIN STEP                             | TIME    | KEY P  | OINT              | RE         | ASON          |  | DRAWINGS/PHOTO/PI                     | ROCEES FLOW               |                            |
| 9                               | Then press "APPLY" as shown.          |         |  |                   |            |               |  |                                       | 10                        |                            |
|                                 |                                       |         |  |                   |            |               | 9<br>Car Logo Radio Voice Ca           | nBus Key Study other                  | Settings 📼 🕈 💎 10         | 41 🖄 🗇 🛆 🗂 🗂               |
|                                 |                                       |         |  |                   |            |               |  | Set                                   | tings                     |                            |
|                                 |                                       |         |  |                   |            |               | Switch to front camera after reverse 3 | seconds -                             |                           |                            |
|                                 |                                       |         |  |                   |            |               | App install C                          | Disable -                             | Steering wheel keys       |                            |
| 10                              | Go back to the Settings and look for  |         |  |                   |            |               | Steering wheel keys assign E           | inable 👻                              |                           |                            |
|                                 | shown                                 |         |  |                   |            |               | Panel LED type S                       | lingle color LED 🔫 🧔                  | ) EQ                      |                            |
| •                               |                                       |         |  |                   |            |               | Panel LED control B                    | ly head light -                       |                           |                            |
|                                 |                                       |         |  |                   |            |               | APPLY EXPORT                           | EXIT - X                              | Factory settings          |                            |
| 11                              | Follow the instruction Press steering |         |  |                   |            |               |  |                                       |                           |                            |
|                                 | wheel buttons as shown.               |         |  |                   |            |               | 11                                     |                                       |                           |                            |
|                                 |                                       |         |  |                   |            |               |  | /heelkey St 😁 🎙 🔻 10:41 🙆             |                           |                            |
|                                 |                                       |         |  |                   |            |               | Pr                                     | ess steering wheel buttons            | RESET SAVE                |                            |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           |                            |
| 12                              | Press the volume + button at steering |         |  |                   |            |               |  |                                       |                           |                            |
|                                 | switch as shown.                      |         |  |                   |            |               |  |                                       |                           |                            |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           |                            |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           |                            |
| 40                              |                                       |         |  |                   |            |               |  |                                       |                           |                            |
| 15                              | volume + icon and click it as shown.  |         |  |                   |            |               |  |                                       | 13                        |                            |
|                                 |                                       |         |  |                   |            |               | 12                                     |                                       | 🕼 Wheelkey St 📼 🕈 👻       | 11:42 🙆 🗘 🛆 🖾 🗂 🗂          |
|                                 |                                       |         |  |                   |            |               |  | ple                                   | ease selected short click | please selected long click |
|                                 |                                       |         |  |                   |            |               | E.I                                    |                                       | •••<br>• <b>11</b> +      | (h)                        |
| 14                              | Press the volume - button at steering |         |  |                   |            |               | + ок •                                 |                                       | 11-                       | •                          |
|                                 | switch as shown.                      |         |  |                   |            |               | 1EL                                    |                                       | MODE                      | 5                          |
|                                 |                                       |         |  |                   |            |               |  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                           | ::                         |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           | CANCEL                     |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           |                            |
| 15                              | At the short click side, look for     |         |  |                   |            |               | 14                                     |                                       | 15                        |                            |
|                                 |                                       |         |  |                   |            |               |  |                                       | Lelkey St 📼 9 🟹           |                            |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           | NONE                       |
|                                 |                                       | 1       |  |                   |            |               | FT-1                                   |                                       | 4+                        | ڻ<br>ٺ                     |
| <u> </u>                        |                                       |         |  |                   |            |               |  |                                       | 4-                        | <b>A</b>                   |
|                                 |                                       |         |  |                   |            |               |  |                                       | MODE                      | 5                          |
|                                 |                                       |         |  |                   |            |               |  | T                                     | A                         |                            |
|                                 |                                       |         |  |                   |            |               | and and a second second                |                                       |                           |                            |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           |                            |
| DOCL                            | UMENT NO.:                            | TOOLS I | JSED M   | ATERIALS USED     | PARTS USED |               |  |                                       |                           | SHEET NO.                  |
| REVI                            |                                       |         |  |                   |            |               |  |                                       |                           | 2                          |
| 1330                            |                                       |         |  |                   |            |               |  |                                       |                           | 5                          |
|                                 |                                       |         |  |                   |            |               |  |                                       |                           | · · · · ·                  |



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| OPERATION NAME SAFETY FIRST (EQUIPMENT & INSTRUCTION) VITAL PORTION  |  |   |             |  |  |  |  |  |  |
|--|--|---|-------------|--|--|--|--|--|--|
| Serena C27 Steering Switch learning mode f<br>Android DVD Navigator Head Unit                                  | <ul> <li>Make sure disconnect</li> <li>Make sure hand hold of</li> <li>Ensure 'click' sound whether the sure 'cl</li></ul> | Negative(-) Terminal and then wait at least<br>connector when unplugging<br>sen plug in connector | t 3 minutes | DATE         20.2.20           PREPARED BY         Tan KW           MGR OK         Ng WY           GK OK   |  |  |  |  |  |
| NO. MAIN STEP T  | ME KEY   | POINT   | REASON      | DRAWINGS/PHOTO/PROCEES FLOW  |  |  |  |  |  |
| 16 Press the "Previous" button at steering switch as shown.  |  |   |             | 16<br>Please selected short click<br>please selected long click<br>MMS<br>H  |  |  |  |  |  |
| 17 At the short click side, look for<br>"Previous" icon and "SEEKUPDOWN"<br>icon for the long click as shown.  |  |   |             | BAND<br>SEEKUP<br>SEEK<br>DOWN<br>OK CANCEL  |  |  |  |  |  |
| 18 Press the "Next" button at steering switch as shown.  |  |   |             | 18<br>Vertical and the second se |  |  |  |  |  |
| 19 At the short click side, look for<br>"Next" icon and "SEEKUP" icon<br>for the long click as shown.          |  |   |             | BAND<br>SEEKUP<br>SEEK<br>DOWN<br>OK CANCEL  |  |  |  |  |  |
| 20 Press the "Voice Command" button<br>at steering switch as shown.  |  |   |             | 20<br>L Wheekey St C V II:46 C C A C I<br>please selected short click<br>RES+<br>CARCEL  |  |  |  |  |  |
| 21 At the short click side, look for<br>"Voice Command" icon and click<br>it as shown.                         |  |   |             |  |  |  |  |  |  |
| 22 Press the "Phone Call" button<br>at steering switch as shown.   |  |   |             | 22<br>1  |  |  |  |  |  |
| 23 At the short click side, look for<br>"Phone Answer" icon and "Hang Up"<br>icon for the long click as shown. |  |   |             |  |  |  |  |  |  |
| DOCUMENT NO.: TO<br>REVISION NO:<br>ISSUE DATE:  | <u>DLS USED</u>  | MATERIALS USED PARTS US   | <u>ED</u>   | SHEET NO.  |  |  |  |  |  |



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OPERATION NAME SAFETY FIRST (EQUIPMENT & INSTRUCTION) VITAL PORTION DATE 20.2.20 Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes Serena C27 Steering Switch learning mode for PREPARED BY Tan KW Make sure hand hold connector when unplugging MGR OK Ng WY Android DVD Navigator Head Unit Ensure 'click' sound when plug in connector GK OK MAIN STEP TIME KEY POINT REASON DRAWINGS/PHOTO/PROCEES FLOW NO. 24 After all the function are paired, find 25 24 "SAVE" and press it as shown. elkey St... 📋 🖓 🔻 11:35 🙆 🗘 🛆 🖂 🗂 🗂 ☆ ■● RESET 1145 II+ II- H SEEK M SEEKUP 🔮 25 Test the Volume + and Volume function by pressing the button at steering switch as shown. 26 Test the Next and Previous function 26 27 by open radio or music function as ● 🗣 🔻 11:45 🙆 🗇 🛆 🗵 🗗 🝎 shown. â Google 💮 ST IO 🛙 FM1 90.10 мнz 🔊 -EQ EQ 27 Test the Voice comment function as shown. 87.50 FM1 87.50 FM 29 28 28 Test the Hang up function as shown. **→** > ^ ♥ 〒 11:50 ⓒ ➪ ≙ ⊠ 급 🗂 â - 🗣 💎 11:45 🙆 📣 🛆 🖾 🗗 5 APPS WIDGETS > $(\mathbf{Q})$ Galaxy Note9 74eb80530577 TCATSEG000... a08869129b6f 29 After finish tested all the Steering Switch function, go to "Settings" and press it as shown. 31 30 30 Scroll down and look for "Factory 🖵 Factory setti... 📟 🕈 🔻 11:50 🖆 🕼 🛆 🛆 🖂 🗂 🔿 setting" and press it as shown. Steering wheel keys 0 Factory settings O 31 Press the cursor ("|") in pop up factory CANCEL settings screen as shown. \* Factory setting SHEET NO. DOCUMENT NO .: TOOLS USED MATERIALS USED PARTS USED REVISION NO: 4 ISSUE DATE: 5







|   |   | SAFETT FIRST (EQUIPMENT & INSTRUCTION)   |            |            |        | DATE                                 | 20.2.20                | 1                                    |                              |  |  |
|---|---|--|------------|------------|--------|--------------------------------------|------------------------|--------------------------------------|------------------------------|--|--|
| Serena C27 Steering Switch learning m   | ode for                                       | Make sure disconnect Negative(-) Terminal and then wait at least 3 minutes     Make sure hand hold connector when upplugging |            |            |        | PREPARED BY                          | Tan KW                 |                                      |                              |  |  |
| Android DVD Navigator Head Uni  | - Ensure 'click' sound when plug in connector |  |            |            | MGR OK | Ng WY                                |                        |                                      |                              |  |  |
|   |   | L L  |            |            |        | GK UK                                |                        |                                      |                              |  |  |
| NO. MAIN STEP TIME  |   | KEY POIN   | Т          | REA        | ASON   | DRAWINGS/PHOTO/PROCEES FLOW          |                        |                                      |                              |  |  |
| 32 Type the password "121212" and   |   |  |            |            |        | 32                                   |                        | 33                                   |                              |  |  |
| press done as shown.  |   |  |            |            |        | 🔝 Factory setti 📟 🕈 👻 11:50          |                        | 1 sotory setti 📼 오                   | 🔻 11:50 🙆 🗘 🛆 🖂 🗂 📛          |  |  |
|   |   |  |            |            |        |                                      |                        | Settings                             |                              |  |  |
|   |   |  |            |            |        | n N                                  | DONE                   | Steering wheel kove                  |                              |  |  |
|   |   |  |            |            |        |                                      |                        | Factory                              | settings                     |  |  |
| 33 Then press "OK" as shown.  |   |  |            |            |        | 1 2 3 4 5 6                          | 7 8 9 0                | ЕQ                                   |                              |  |  |
|   |   |  |            |            |        | @ # \$ % &                           | - + ( )                | ок                                   | CANCEL                       |  |  |
|   |   |  |            |            |        | =\< * " ' :                          | ; ! ? 🛛                | Factory settings                     |                              |  |  |
|   |   |  |            |            |        | ABC _ /                              | , Done                 | About machine                        |                              |  |  |
|   |   |  |            |            |        |                                      |                        |                                      |                              |  |  |
| 34 Find "other" on top of the menu bar  | 1 7   |  |            |            |        | 34                                   |                        | 35                                   | III                          |  |  |
| and press it as shown.  |   |  |            |            |        | App Car Logo Radio Voice             | CanBus Key Study other | App Car Logo Radio                   | Voice CanBus Key Study other |  |  |
|   |   |  |            |            |        | BT WQ_BC5 - IPc                      | od NO 👻                | Switch to front camera after revers  | e 3 seconds 👻                |  |  |
|   |   |  |            |            |        | DVD YES - Rad                        | io YES 👻               | App install                          | Disable 🔫                    |  |  |
|   | _   |  |            |            |        | TV None 👻 DV                         | r NO 👻                 | Steering wheel keys assign           | Enable 👻                     |  |  |
| 35 Scroll down and look for Steering  |   |  |            |            |        | TPMS NO 👻                            |                        | Panel LED type                       | Single color LED 🛛 🛨         |  |  |
| wheel keys assign and press <sup>™</sup> ▼ <sup>™</sup> or<br>"Enable" as shown |   |  |            |            |        |                                      |                        | Panel LED control                    | By head light 👻              |  |  |
|   |   |  |            |            |        | APPLY                                | DIT                    | APPLY                                | EXPORT EXIT                  |  |  |
|   |   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   |   |  |            |            |        |                                      |                        |                                      |                              |  |  |
| 36 Choose "Disable" and press it  |   |  |            |            |        | 36                                   |                        | 37                                   | 11                           |  |  |
| as shown.   |   |  |            |            |        | App Car Logo Radio Voice             | CanBus Key Study other | App CarLogo Radio                    | Voice CanBus Key Study other |  |  |
|   |   |  |            |            |        | Switch to front camera after reverse | 3 seconds 🗸            | Switch to front camera after reverse | a 3 seconds 👻                |  |  |
|   |   |  |            |            |        | App install                          | Disable -              | App install                          | Disable 👻                    |  |  |
|   | _   |  |            |            |        | Steering wheel keys assign           | Disable                | Steering wheel keys assign           | Disable 👻                    |  |  |
| 37 Then press APPLY as shown.   |   |  |            |            |        | Panel LED type                       | Fachle                 | Panel LED type                       | Single color LED 🚽           |  |  |
|   |   |  |            |            |        | Panel LED control                    | By head light -        | Panel LED control                    | By head light -              |  |  |
|   |   |  |            |            |        | APPLY EXPORT                         | EXIT 🖕                 | APPLY                                | EXPORT EXIT                  |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   |   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   |   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
| DOCUMENT NO.:   | TOOLS   | ÚSED MATE  | RIALS USED | PARTS USED |        | 1                                    |                        |                                      | SHEET NO.                    |  |  |
| REVISION NO:  |   |  |            |            |        |                                      |                        |                                      | 5                            |  |  |
| ISSUE DATE:   | 1   |  |            |            |        |                                      |                        |                                      |                              |  |  |
|   | 1   |  |            |            |        |                                      |                        |                                      | 5                            |  |  |