

# Template:Can commands

## CAN Commands

| Command                                | Description   | Response | HW Support             | Parameter Group                  |
|--|---|----------|------------------------|----------------------------------|
| <i>askoll_unlock#</i>                  | Immobilizer. Used to lock/unlock the vehicle. # = Value 1<br>1 - Lock<br>0 - Unlock   | Yes      | <a href="#">TFT100</a> | Askoll protocol CAN Commands     |
| <i>askoll_horn</i>                     | Sounds the horn of the vehicle. Used to identify the vehicle in the street.   | Yes      | <a href="#">TFT100</a> | Askoll protocol CAN Commands     |
| <i>askoll_tc</i>                       | Top case opening. Used to open the vehicle's luggage compartment.   | Yes      | <a href="#">TFT100</a> | Askoll protocol CAN Commands     |
| <i>govecs_lock</i>                     | Used to lock Govecs Schwalbe & FLEX e-scooters.   | Yes      | <a href="#">TFT100</a> | Bosch/FLEX protocol CAN Commands |
| <i>!govecs_lock</i>                    | Used to lock Govecs Schwalbe & FLEX e-scooters and send high priority record.   | Yes      | <a href="#">TFT100</a> | Bosch/FLEX protocol CAN Commands |
| <i>govecs_unlock</i>                   | Used to unlock Govecs Schwalbe & FLEX e-scooters  | Yes      | <a href="#">TFT100</a> | Bosch/FLEX protocol CAN Commands |
| <i>!govecs_unlock</i>                  | Used to unlock Govecs Schwalbe & FLEX e-scooters and send high priority record.   | Yes      | <a href="#">TFT100</a> | Bosch/FLEX protocol CAN Commands |
| <i>govecs_openbox:#</i>                | Used to open/close Govecs Schwalbe & FLEX e-scooters case.<br># - 1 - open case; # - 0 - close case.  | Yes      | <a href="#">TFT100</a> | Bosch/FLEX protocol CAN Commands |
| <i>!setdigout:## Y1 Y2 Z1 Z2</i>       | Used to set digital output and send high priority record.<br>1.# - 0; 1 or ? (0 - OFF, 1 - ON, ? - Ignore) for DOUT1.<br>2.# - 0; 1 or ? (0 - OFF, 1 - ON, ? - Ignore) for DOUT2.<br>Y1 - timeout value for DOUT1 if needed (in seconds).<br>Y2 - timeout value for DOUT2 if needed (in seconds).<br>Z1 - maximum speed value for DOUT1 if needed.<br>Z2 - maximum speed value for DOUT2 if needed. | Yes      | <a href="#">TFT100</a> | Bosch/FLEX protocol CAN Commands |
| <i>govecs_open</i>                     | Used to unlock the seat lock.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>!govecs_open</i>                    | Used to unlock the seat lock and send high priority record.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>govecs_close</i>                    | Used to lock the seat lock.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>!govecs_close</i>                   | Used to lock the seat lock and send high priority record.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>govecs_horn</i>                     | Used to activate scooter's horn for X seconds.  | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>!govecs_horn</i>                    | Used to activate scooter's horn for X seconds and send high priority record.  | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>govecs_hazard</i>                   | Used to activate scooter's hazard lights for X seconds.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>!govecs_hazard</i>                  | Used to activate scooter's hazard lights for X seconds and send high priority record.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>govecs_hazardon</i>                 | Used to activate scooter's hazard lights.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>!govecs_hazardon</i>                | Used to activate scooter's hazard lights and send high priority record.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>govecs_hazardoff</i>                | Used to deactivate scooter's hazard lights.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>!govecs_hazardoff</i>               | Used to deactivate scooter's hazard lights and send high priority record.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>govecs_drivetrain</i>               | Used to request drive train state. Value 0 - OFF, value 1 - passive, value 2 - actuators active, value 3 - fully active, value 4 - immobilizer alarm.   | Yes      | <a href="#">TFT100</a> | FLEX protocol CAN Commands       |
| <i>emco_unlock:&lt;firmware ID&gt;</i> | Used to unlock EMCO e-scooter using firmware ID.  | Yes      | <a href="#">TFT100</a> | Manual CAN protocol CAN Commands |
| <i>emco_lock</i>                       | Used to lock EMCO e-scooter.  | Yes      | <a href="#">TFT100</a> | Manual CAN protocol CAN Commands |
| <i>emco_open:#</i>                     | Used to open/close seat of EMCO e-scooter.<br># - 1 - open seat; # - 0 - close seat.  | Yes      | <a href="#">TFT100</a> | Manual CAN protocol CAN Commands |
| <i>mcan_cmd:&lt;Command No.&gt;</i>    | Used to trigger Manual CAN Command.   | Yes      | <a href="#">TFT100</a> | Manual CAN protocol CAN Commands |
| <i>mcan_stop:&lt;Command No.&gt;</i>   | Used to turn OFF periodic Manual CAN Command.   | Yes      | <a href="#">TFT100</a> | Manual CAN protocol CAN Commands |

## RS485 Super Soco commands

| Command                   | Description                               | Response | HW Support             | Parameter Group              |
|---------------------------|---|----------|------------------------|------------------------------|
| <i>supersoco_lock</i>     | Used to lock the vehicle.                 | Yes      | <a href="#">TFT100</a> | Super Soco protocol Commands |
| <i>supersoco_unlock</i>   | Used to unlock the vehicle.               | Yes      | <a href="#">TFT100</a> | Super Soco protocol Commands |
| <i>supersoco_poweron</i>  | Used to power on the vehicle.             | Yes      | <a href="#">TFT100</a> | Super Soco protocol Commands |
| <i>supersoco_openseat</i> | Used to open the vehicle seat.            | Yes      | <a href="#">TFT100</a> | Super Soco protocol Commands |
| <i>supersoco_geterr</i>   | Used to request vehicle error codes.      | Yes      | <a href="#">TFT100</a> | Super Soco protocol Commands |
| <i>supersoco_getfwver</i> | Used to request vehicle firmware version. | Yes      | <a href="#">TFT100</a> | Super Soco protocol Commands |