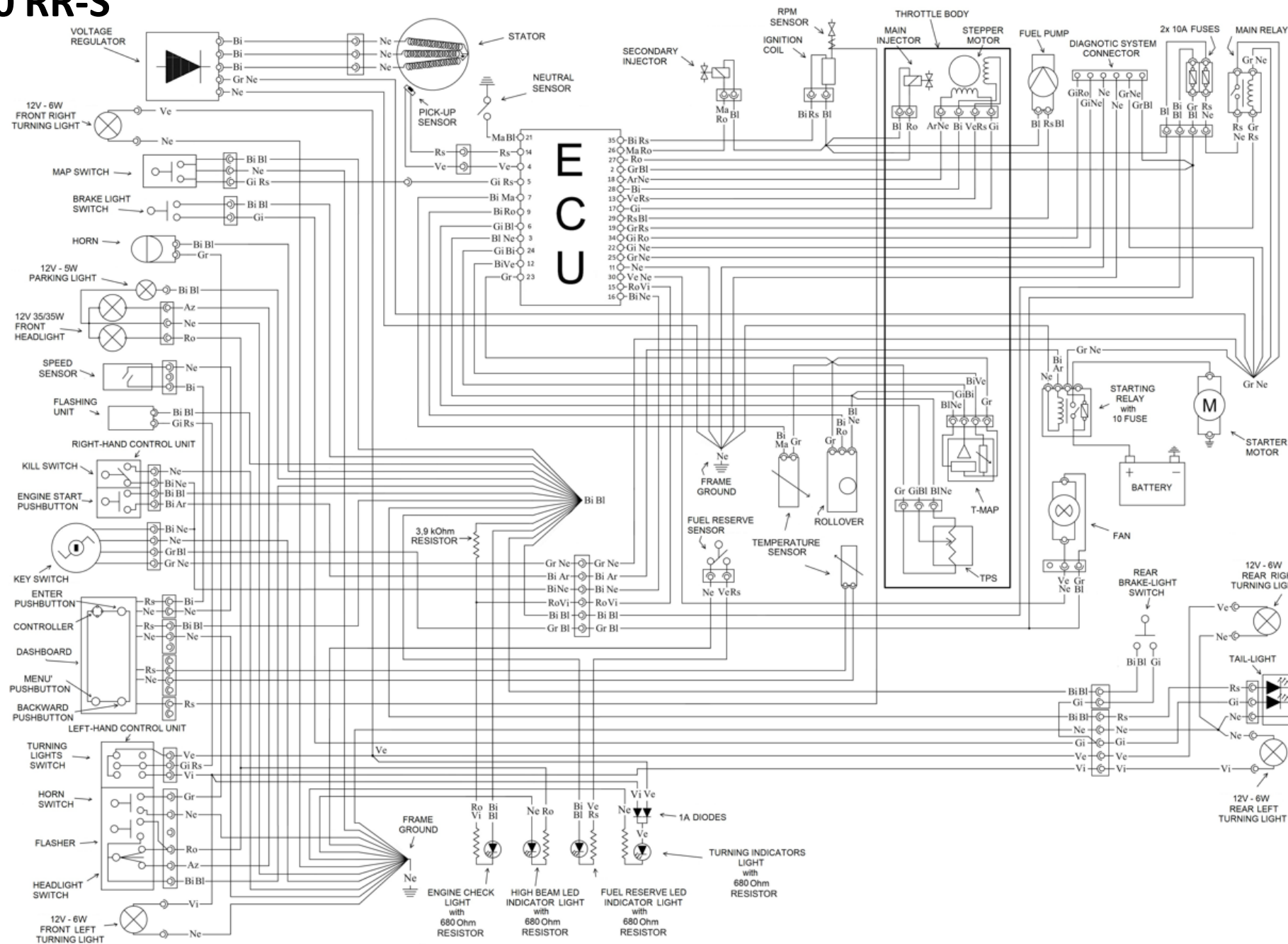


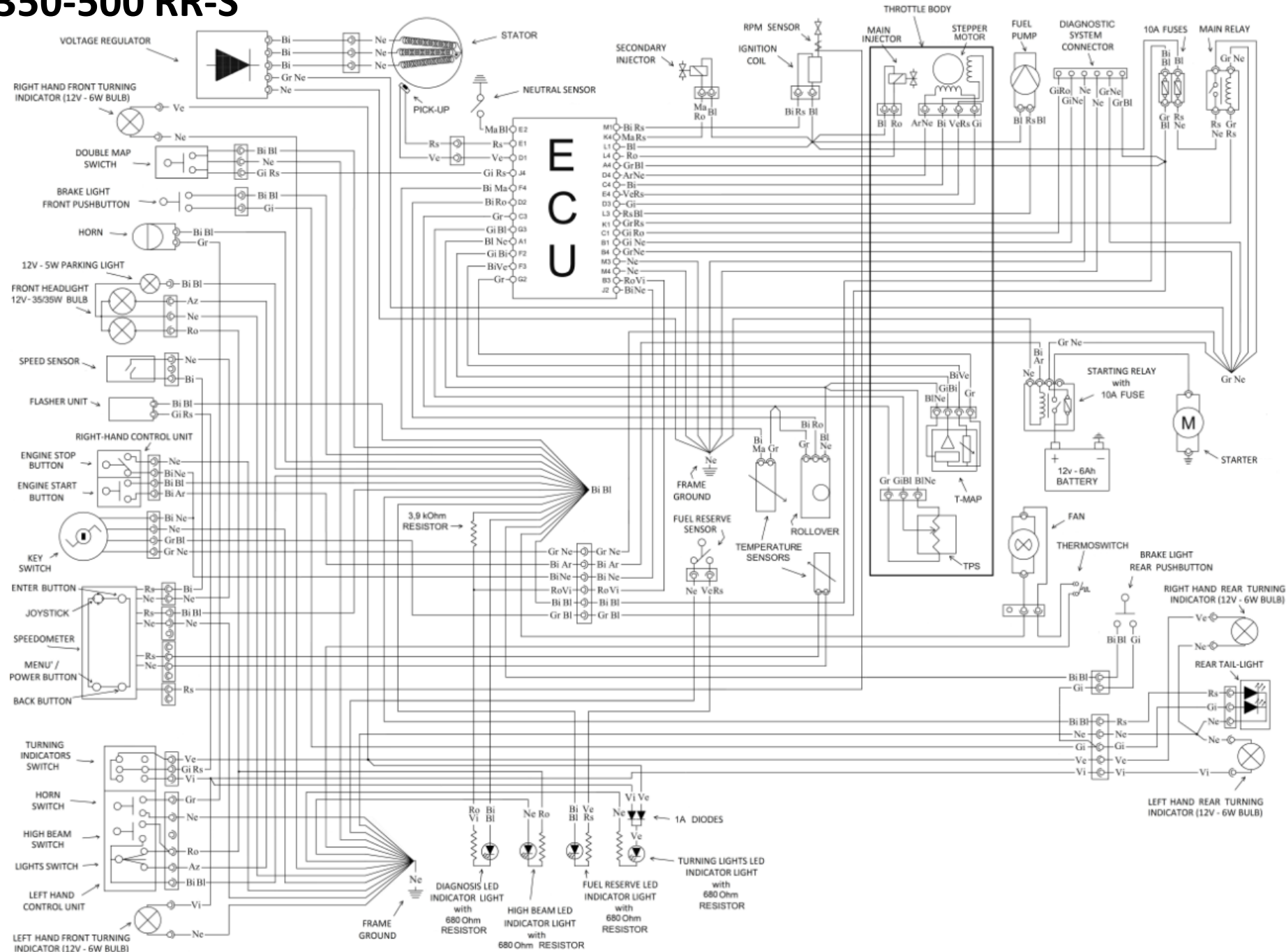


## 2005-2022 4T RS and RRS Wiring Diagrams

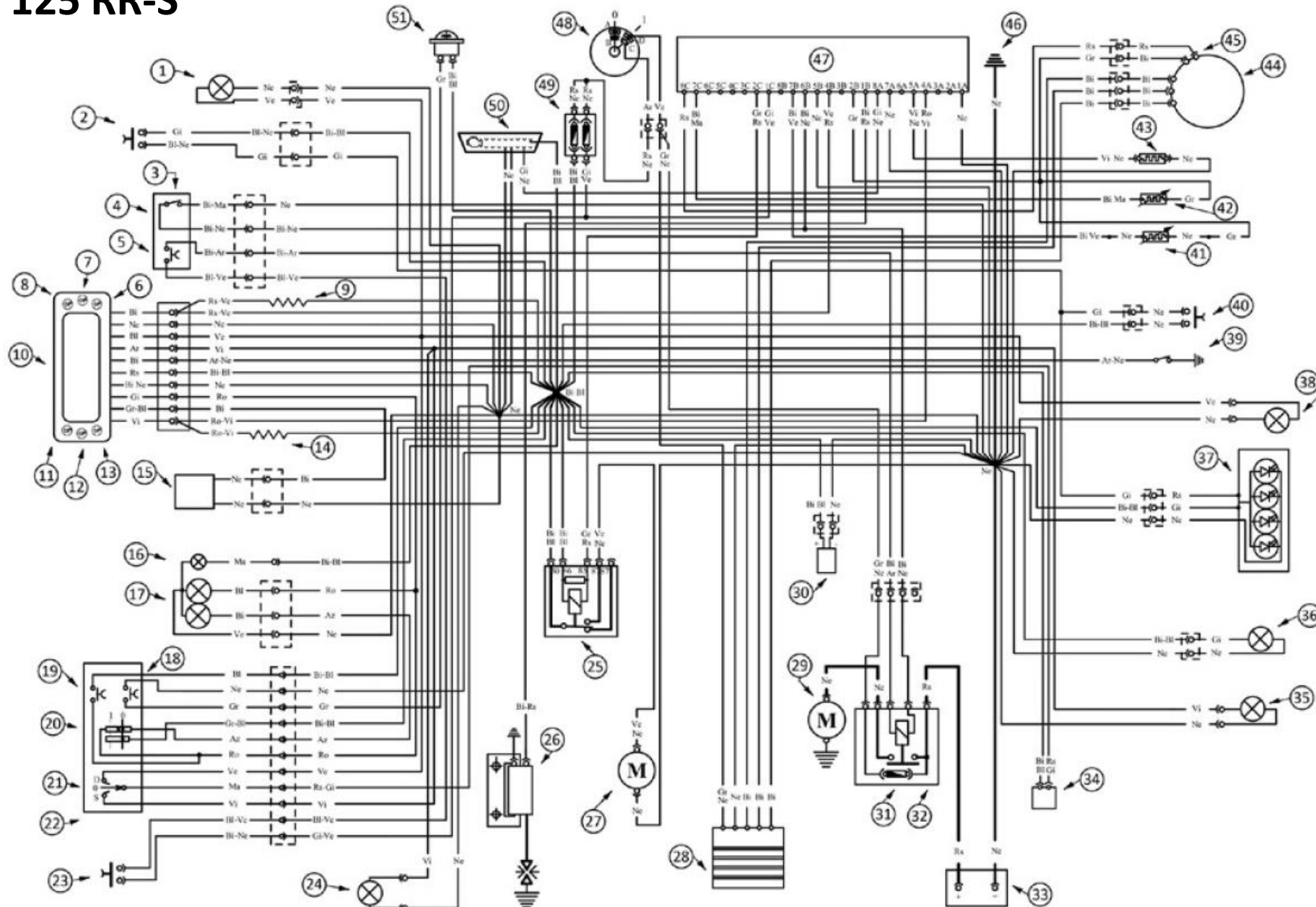
# 2022 350-500 RR-S



# 2020-21 350-500 RR-S



# 2020 125 RR-S

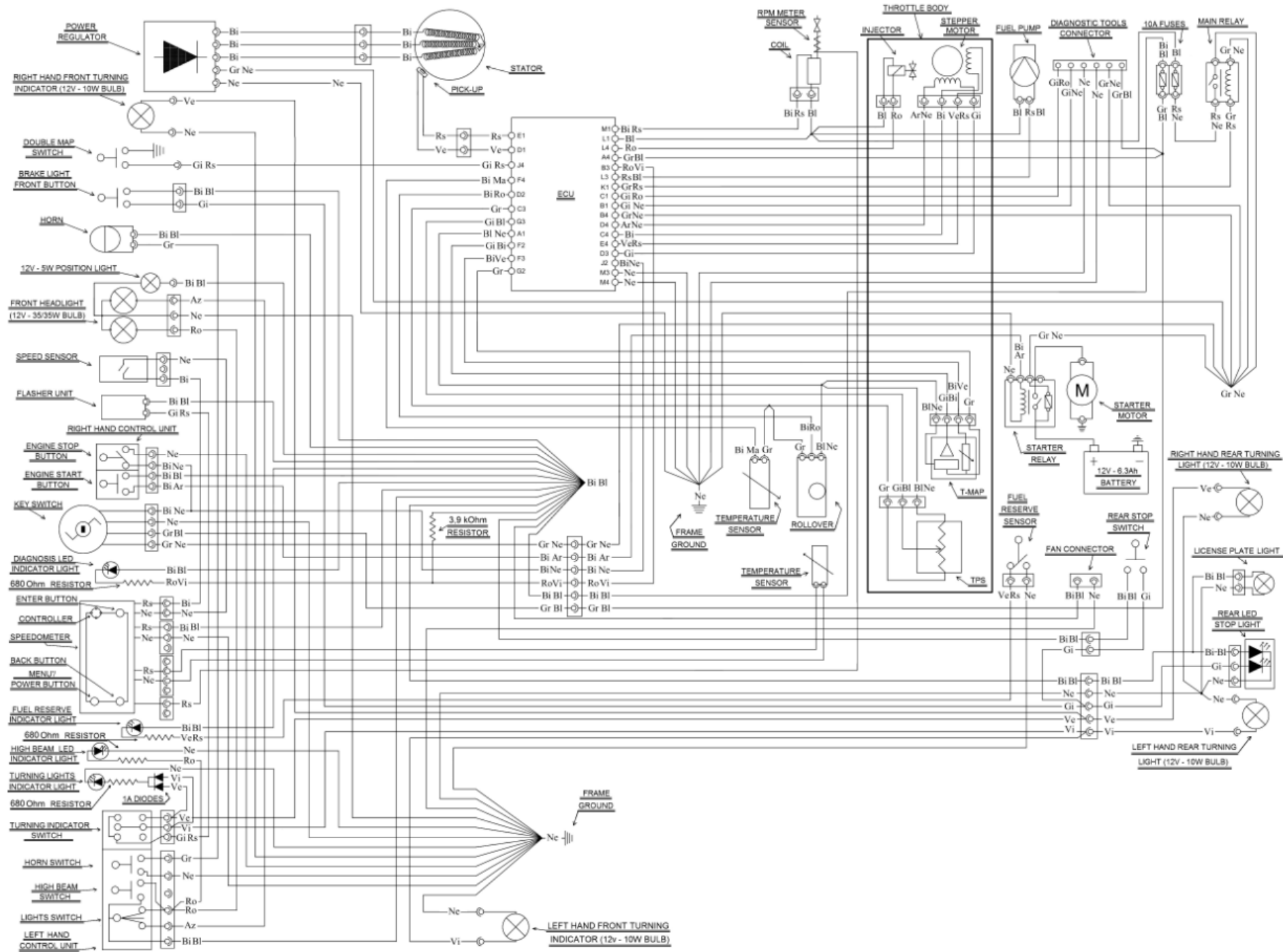


## 2020 125 RR-S

### ELECTRICAL DIAGRAM LEGEND

- |                                                      |                                     |                                        |
|------------------------------------------------------|-------------------------------------|----------------------------------------|
| 1 - RIGHT-HAND FRONT TURN INDICATOR -<br>BULB 12V 6W | 18 - HORN BUTTON                    | 35 - LEFT-HAND REAR TURN INDICATOR     |
| 2 - STOP FRONT BUTTON                                | 19 - FLASH-TO-PASS BUTTON           | 36 - NUMBER-PLATE LIGHT - BULB 12V 5W  |
| 3 - RIGHT-HAND CONTROL GROUP                         | 20 - HEADLIGHT SELECTOR             | 37 - REAR STOP LIGHT - LED             |
| 4 - ENGINE STOP BUTTON                               | 21 - TURN INDICATORS LAMPS SWITCH   | 38 - RIGHT-HAND REAR TURN INDICATOR    |
| 5 - START BUTTON                                     | 22 - LEFT-HAND CONTROL GROUP        | 39 - NEUTRAL SWITCH                    |
| 6 - MILL / FAULT WARNING LIGHT                       | 23 - CLUTCH SAFETY CONTACT          | 40 - REAR STOP BUTTON                  |
| 7 - RIGHT TURN INDICATORS WARNING LIGHT              | 24 - LEFT-HAND FRONT TURN INDICATOR | 41 - AIR TEMPERATURE SENSOR            |
| 8 - NEUTRAL WARNING LIGHT                            | 25 - RELAY ELECTRIC FAN             | 42 - COOLING LIQUID TEMPERATURE SENSOR |
| 9 - RESISTANCE 3,9 K $\Omega$                        | 26 - COIL                           | 43 - P.T.C. HEATER                     |
| 10 - DASHBOARD                                       | 27 - ELECTRIC FAN                   | 44 - GENERATOR                         |
| 11 - HIGH BEAM WARNING LIGHT                         | 28 - REGULATOR                      | 45 - PICK-UP SENSOR                    |
| 12 - LEFT TURN INDICATORS WARNING LIGHT              | 29 - STARTER MOTOR                  | 46 - FRAME EARTH                       |
| 13 - ENGINE OVERHEATING WARNING LIGHT                | 30 - CONDENSATOR 25V 4700 $\mu$ F   | 47 - ELECTRONIC CONTROL UNIT           |
| 14 - RESISTANCE 3,9 KOHM                             | 31 - FUSE 10A                       | 48 - KEY SWITCH                        |
| 15 - SPEED SENSOR                                    | 32 - STARTER RELAY                  | 49 - FUSES GROUP 10A                   |
| 16 - POSITION LIGHT - BULB 12V 5W                    | 33 - BATTERY 12V 4AH                | 50 - OBD2 SOCKET                       |
| 17 - HEADLIGHT - BULB 35/35W                         | 34 - TURN SIGNAL LAMPS UNIT         | 51 - HORN                              |

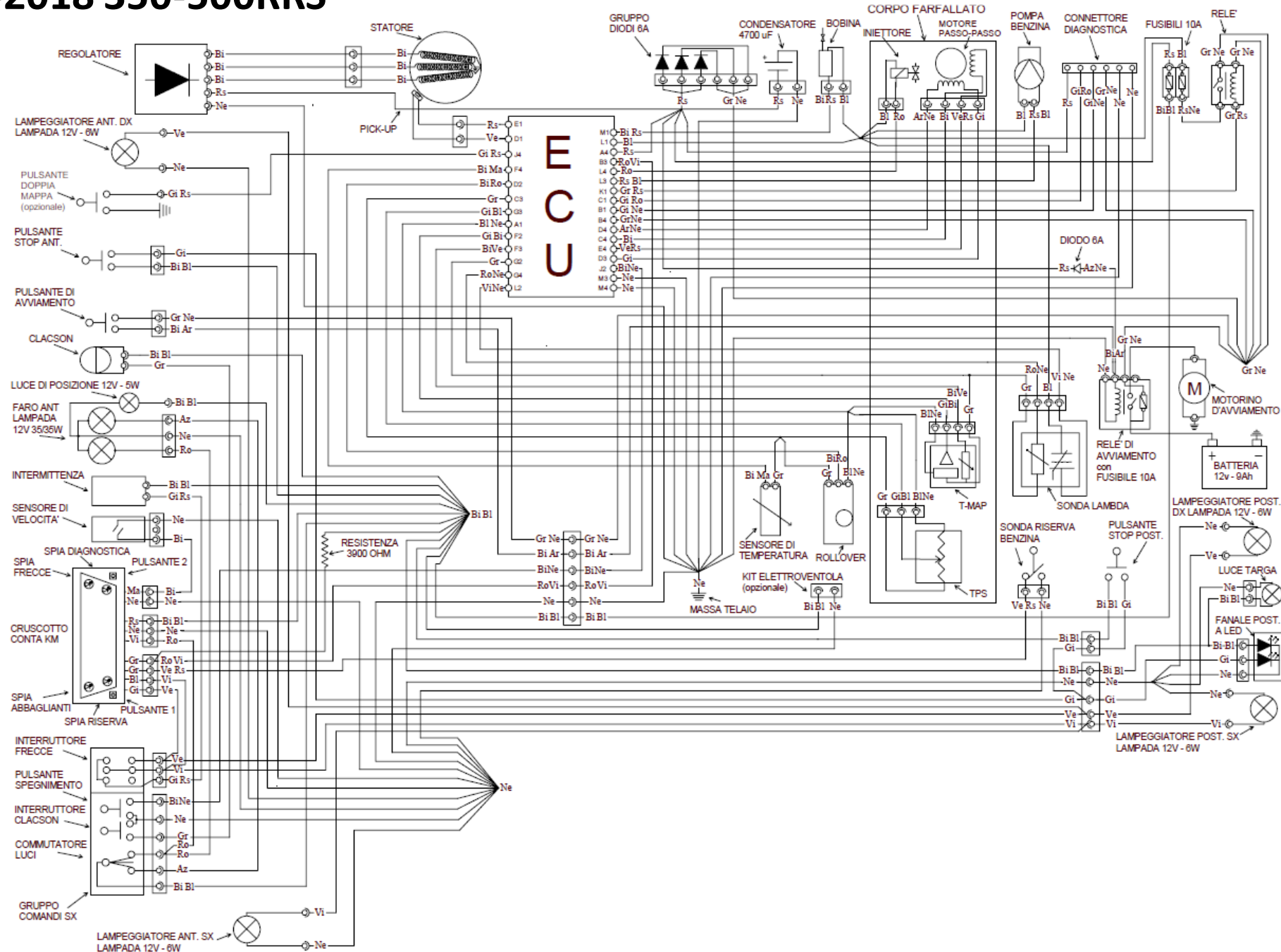
# 2019 RR-S



Bi – WHITE  
Ve – GREEN  
Ma – BROWN  
Vi – PURPLE  
Bl – BLUE  
Ne – BLACK  
Gi – YELLOW  
Rs – RED  
Ar – ORANGE  
Az – LIGHT BLUE  
Ro – PINK  
Gr – GREY

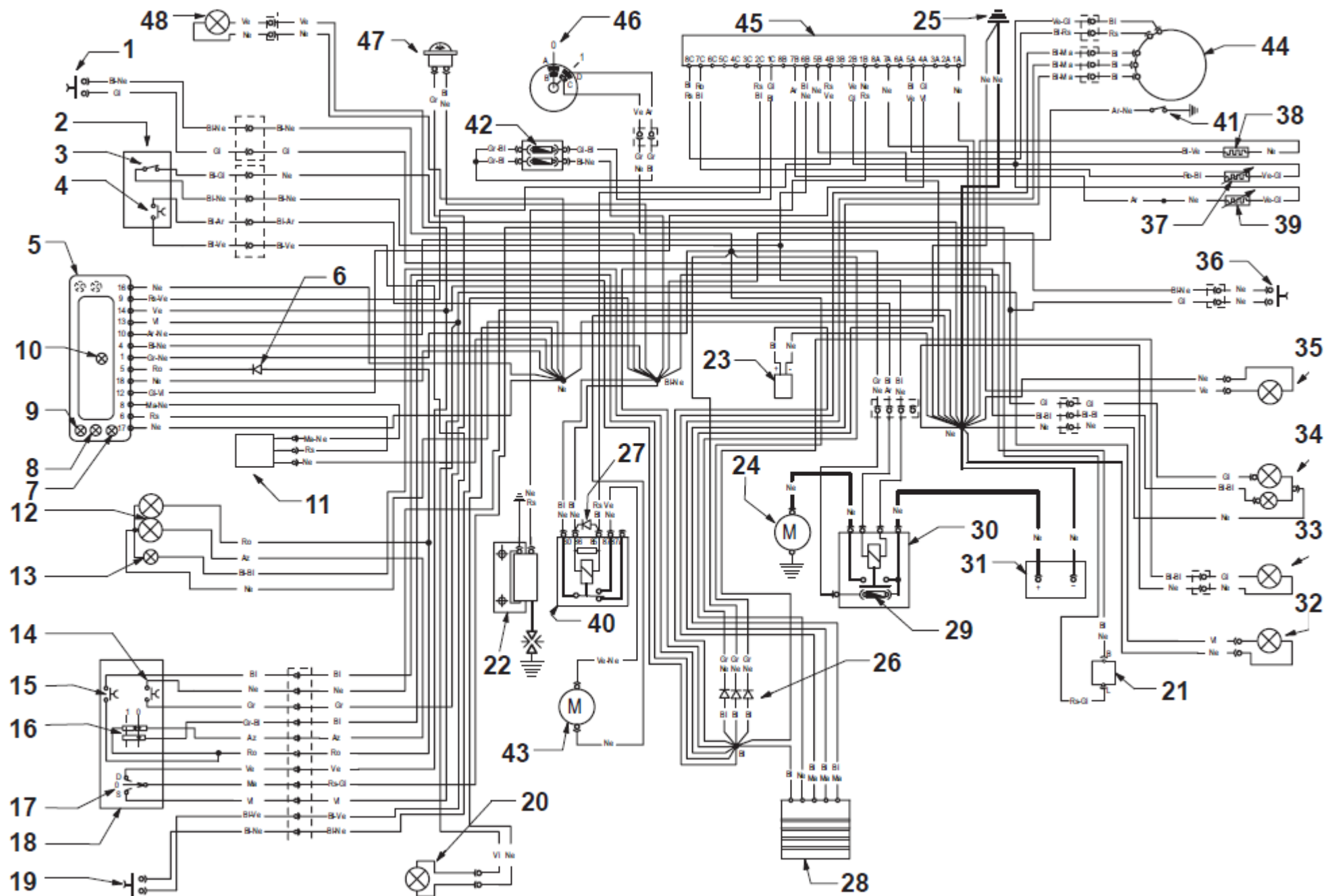


# 2016-2018 350-500RRS



Bi - WHITE  
 Ve - GREEN  
 Ma - BROWN  
 Vi - PURLE  
 Bi - BLUE  
 Ne - BLACK  
 Gi - YELLOW  
 Rs - RED  
 Ar - ORANGE  
 Az - LIGHT BLUE  
 Ro - PINK  
 Gr - GREY

# 2017-2019 125 RRS



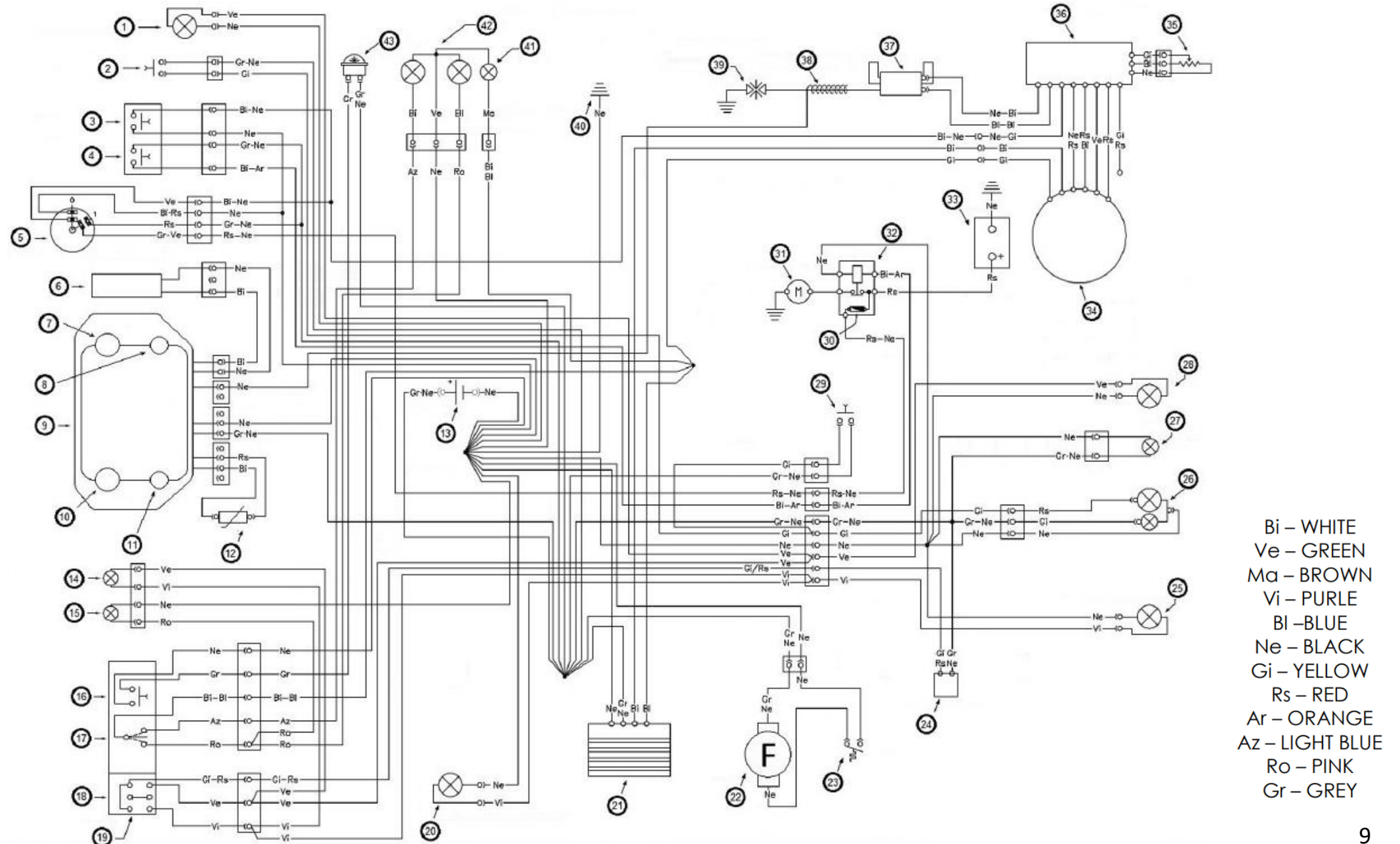


# 2017-2019 125 RRS

## ELECTRICAL DIAGRAM LEGEND

- |                                                |                                        |
|------------------------------------------------|----------------------------------------|
| 1) Front brake light button                    | 25) Engine earth                       |
| 2) Switch, assy R.H.                           | 26) Diode group 6A                     |
| 3) Stopper engine                              | 27) Diode 1A                           |
| 4) Starting button                             | 28) Regulator 12V                      |
| 5) Display                                     | 29) Fuse 15A                           |
| 6) Diode 1A                                    | 30) Starter relay                      |
| 7) Neutral warning light                       | 31) Hermetic battery 12V-9Ah           |
| 8) High beam warning light                     | 32) LH rear turn signal (bulb 12V-7W)  |
| 9) Direction indicator warning light           | 33) Plate Illumination (bulb 12V-5W)   |
| 10) Water temp warning light                   | 34) Rear light (bulb 12V- 5/21W)       |
| 11) Wheel revolution sensor                    | 35) RH rear turn signal (bulb 12V-7W)  |
| 12) Headlamp (double filament bulb 12V-35/35W) | 36) Rear brake light button            |
| 13) Side light bulb (12V-5W)                   | 37) Water probe                        |
| 14) Horn button                                | 38) PTC sensor                         |
| 15) Lights push-button                         | 39) Air probe                          |
| 16) Headlight selector                         | 40) Electric fan relay                 |
| 17) Turn signal lamps switch                   | 41) Neutral position switch            |
| 18) Switch, assy L.H.                          | 42) N°2 fuses 5A                       |
| 19) Clutch button                              | 43) Electric fan                       |
| 20) LH front turn signal (bulb 12V-7W)         | 44) Pick-up                            |
| 21) Unit turn signal lamps                     | 45) Electronic control unit            |
| 22) AT coil                                    | 46) Key switch                         |
| 23) Condenser (4700µF-25V)                     | 47) Horn 12V                           |
| 24) Starter motor                              | 48) RH front turn signal (bulb 12V-7W) |

# 2014-15 390-500 RRS

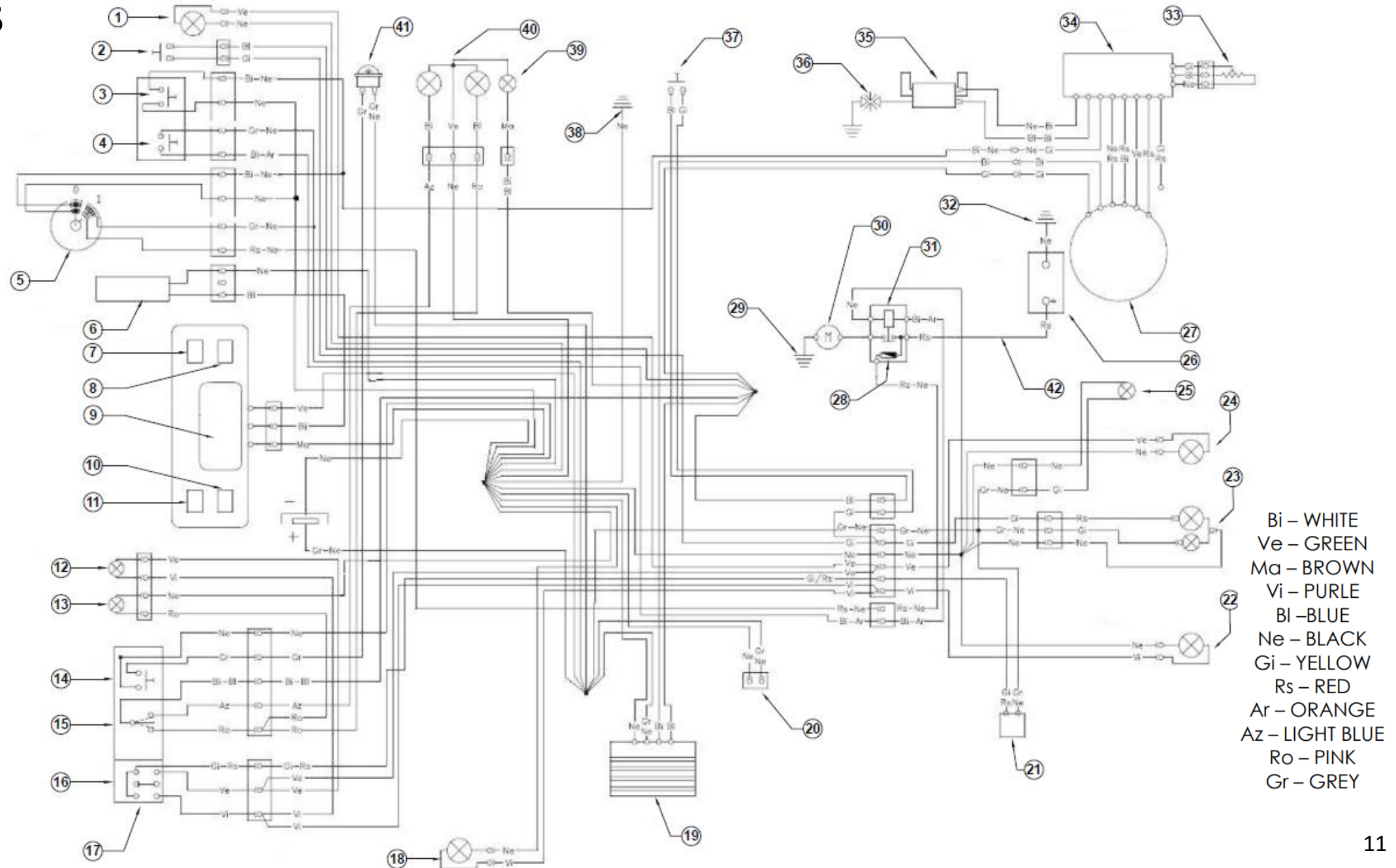


# 2014-15 390-500 RRS

## ELECTRICAL DIAGRAM LEGEND

- |                                                 |                                                |
|-------------------------------------------------|------------------------------------------------|
| 1) FRONT RIGHT TURNING LIGHT WITH 12V 10W LAMP  | 23) THERMOSWITCH                               |
| 2) FRONT STOP SWITCH                            | 24) INTERMITTENCE                              |
| 3) ENGINE STOP                                  | 25) REAR LEFT TURNING LIGHT WITH 12V 10W LAMP  |
| 4) STARTER SWITCH                               | 26) REAR LED LIGHT                             |
| 5) KEY SWITCH                                   | 27) PLATE LIGHT                                |
| 6) WHEEL RPM SENSOR                             | 28) REAR RIGHT TURNING LIGHT WITH 12V 10W LAMP |
| 7) JOYSTICK                                     | 29) REAR STOP SWITCH                           |
| 8) ENTER BUTTON                                 | 30) FUSE 10A                                   |
| 9) TRAILTECH GPS                                | 31) STARTER                                    |
| 10) MENU/POWER BUTTON                           | 32) ENGINE START RELAY                         |
| 11) BACK BUTTON                                 | 33) 12V - 4AH BATTERY                          |
| 12) TEMPERATURE SENSOR                          | 34) GENERATOR                                  |
| 13) 4700 UF CAPACITOR                           | 35) TPS                                        |
| 14) TURNING LIGHTS INDICATOR                    | 36) ECU                                        |
| 15) HIGH BEAM INDICATOR                         | 37) COIL                                       |
| 16) HORN BUTTON                                 | 38) IGNITION SENSOR                            |
| 17) BEAM SWITCH                                 | 39) SPARK PLUG                                 |
| 18) TURNING LIGHTS SWITCH                       | 40) FRAME GROUND                               |
| 19) FRONT CONTROL SWITCH UNIT                   | 41) PARKING LIGHT WITH 12V 5W LAMP             |
| 20) FRONT LEFT TURNING LIGHT WITH 12V -10W LAMP | 42) HEADLIGHT WITH 12V - 60/55W LAMP           |
| 21) 12V RECTIFIER                               | 43) 12 HORN                                    |
| 22) FAN                                         |                                                |

# 2010-2013 350-520RS





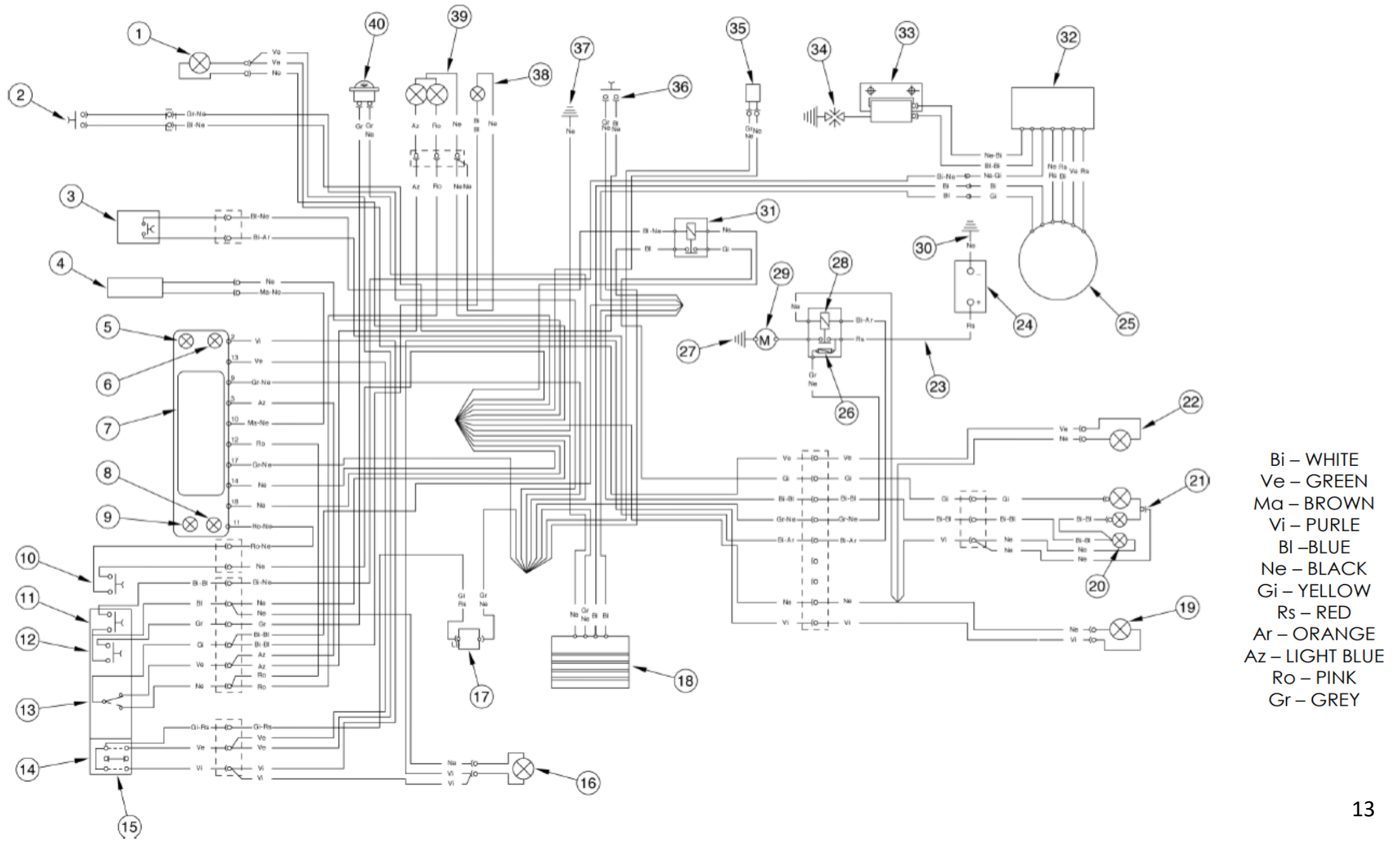
# 2010-13 350-520RS

## ELECTRICAL DIAGRAM LEGEND

|     |                                                |     |                                               |
|-----|------------------------------------------------|-----|-----------------------------------------------|
| 1)  | RIGHT-HAND FRONT TURN INDICATOR (12V-10W BULB) | 22) | LEFT-HAND REAR TURN INDICATOR (12V-10W BULB)  |
| 2)  | FRONT BRAKE LIGHT BUTTON                       | 23) | REAR LIGHT (LED TYPE)                         |
| 3)  | ENGINE STOP BUTTON                             | 24) | RIGHT-HAND REAR TURN INDICATOR (12V-10W BULB) |
| 4)  | START BUTTON                                   | 25) | NUMBER-PLATE LIGHT (12V-5W BULB)              |
| 5)  | KEY OPERATED SWITCH                            | 26) | BATTERY 12V-4Ah                               |
| 6)  | WHEEL REVOLUTION SENSOR                        | 27) | GENERATOR                                     |
| 7)  | MODE BUTTON                                    | 28) | 10A FUSE                                      |
| 8)  | CTRL BUTTON                                    | 29) | EARTH BRAID                                   |
| 9)  | DISPLAY                                        | 30) | STARTER MOTOR                                 |
| 10) | "DOWN" BUTTON                                  | 31) | STARTER RELAY                                 |
| 11) | "UP" BUTTON                                    | 32) | BATTERY NEGATIVE TERMINAL                     |
| 12) | TURN INDICATOR WARNING LIGHT                   | 33) | TPS (THROTTLE POSITION SENSOR)                |
| 13) | HIGH BEAM WARNING LIGHT                        | 34) | ELECTRONIC CONTROL UNIT                       |
| 14) | HORN BUTTON                                    | 35) | HV COIL                                       |
| 15) | LIGHTS SELECTOR SWITCH                         | 36) | SPARK PLUG                                    |
| 16) | TURN INDICATOR SWITCH                          | 37) | REAR BRAKE LIGHT BUTTON                       |
| 17) | LEFT-HAND CONTROL SET                          | 38) | FRAME EARTH                                   |
| 18) | LEFT-HAND FRONT TURN INDICATOR (12V-10W BULB)  | 39) | PARKING LIGHT BULB 12V-5W                     |
| 19) | 12V REGULATOR                                  | 40) | HEADLIGHT WITH 12V-55/65W BULB                |
| 20) | ELECTROFAN KIT (OPTIONAL)                      | 41) | 12V HORN                                      |
| 21) | FLASHER UNIT                                   | 42) | BATTERY POSITIVE TERMINAL                     |



# 2008-2009 400-525RS



## 2008-2009 400-525RS

### ELECTRICAL DIAGRAM LEGEND

- 1) RIGHT-HAND FRONT TURN INDICATOR (12V-10W BULB)
- 2) FRONT BRAKE LIGHT BUTTON
- 3) START BUTTON
- 4) WHEEL REVOLUTION SENSOR
- 5) HIGH BEAM WARNING LIGHT
- 6) TURN INDICATOR WARNING LIGHT
- 7) DISPLAY
- 8) LOW BEAM WARNING LIGHT
- 9) NOT CONNECTED
- 10) MODE BUTTON
- 11) ENGINE STOP BUTTON
- 12) HORN BUTTON
- 13) LIGHTS SELECTOR SWITCH
- 14) TURN INDICATOR SWITCH
- 15) LEFT-HAND CONTROL SET
- 16) LEFT-HAND FRONT TURN INDICATOR (12V-10W BULB)
- 17) FLASHER UNIT
- 18) 12V REGULATOR
- 19) LEFT-HAND REAR TURN INDICATOR (12V-10W BULB)
- 20) NUMBERPLATE LIGHT (12V-5W BULB)

- 21) REAR LIGHT (12V-5/21W BULB)
- 22) RIGHT-HAND REAR TURN INDICATOR (12V-10W BULB)
- 23) BATTERY POSITIVE TERMINAL
- 24) BATTERY 12V-4Ah
- 25) GENERATOR
- 26) 10A FUSE
- 27) EARTH BRAID
- 28) STARTER RELAY
- 29) STARTER MOTOR
- 30) BATTERY NEGATIVE TERMINAL
- 31) REAR STOP LAMP RELAY
- 32) ELECTRONIC CONTROL UNIT
- 33) HV COIL
- 34) SPARK PLUG
- 35) CONDENSER
- 36) REAR BRAKE LIGHT BUTTON
- 37) FRAME EARTH
- 38) PARKING LIGHT BULB 12V-3W
- 39) HEADLIGHT WITH 12V-25/25W
- 40) 12V HORN