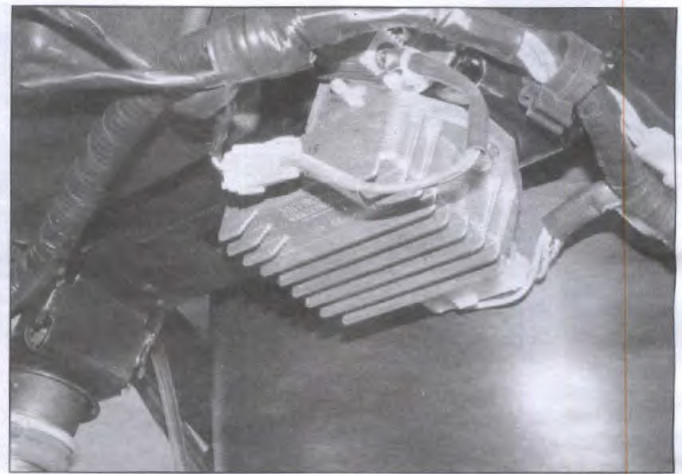
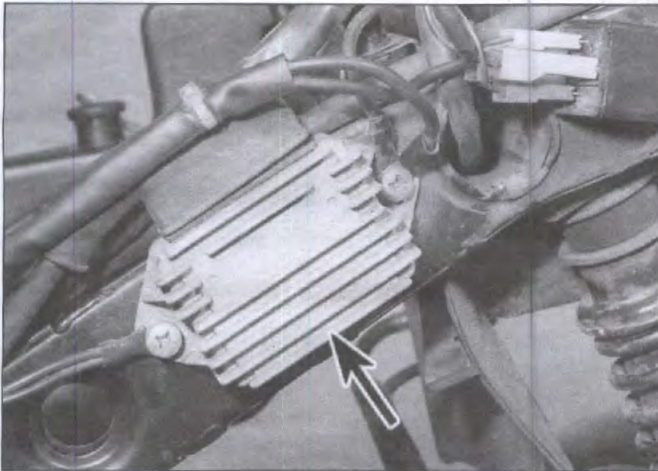


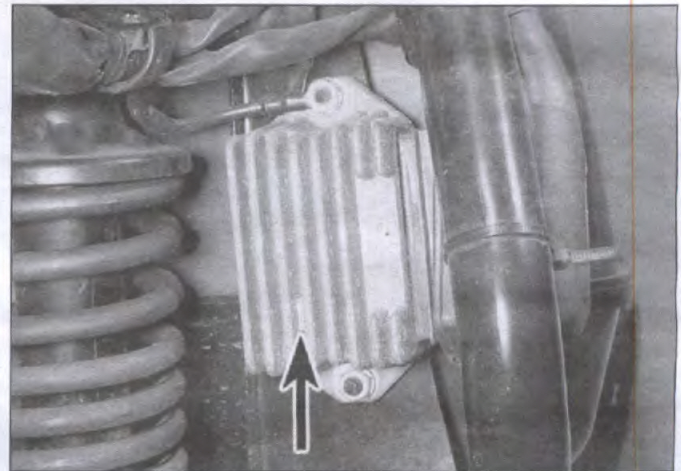
31.1a Regulator/rectifier location - ET2, ET4 and LX



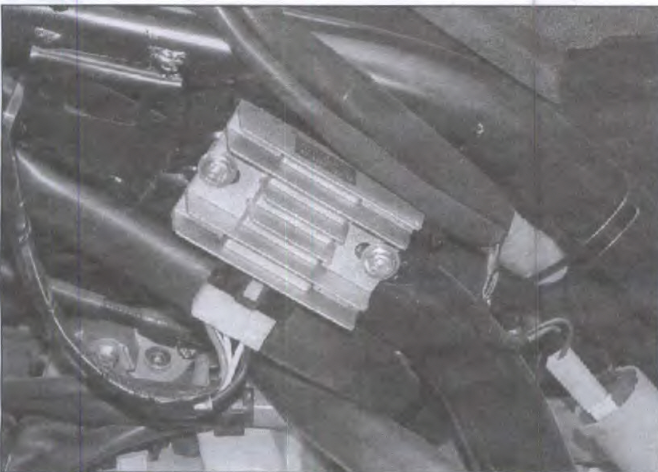
31.1b Regulator/rectifier location - NRG Power DT



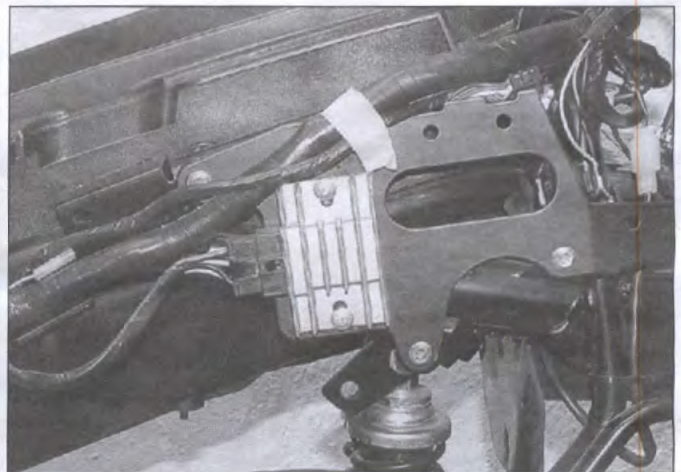
31.1c Regulator/rectifier location - Typhoon



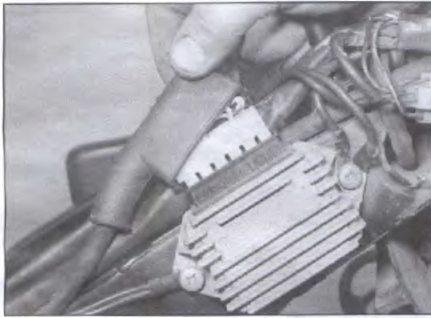
31.1d Regulator/rectifier location - Hexagon



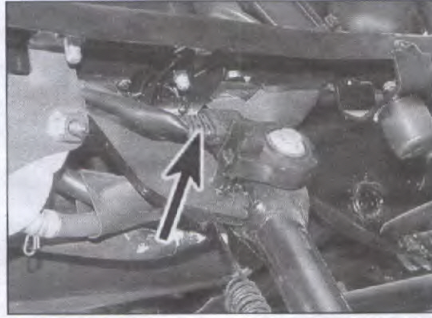
31.1e Regulator/rectifier location - B125



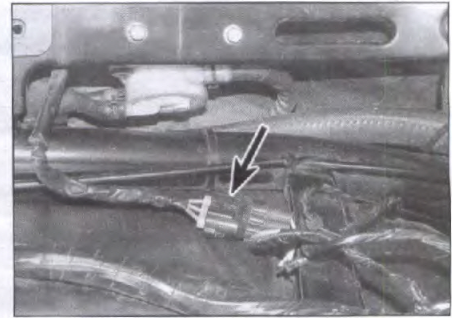
31.1f Regulator/rectifier location - X9



31.2 Lift the cover and disconnect the connector



32.1 Location of the side stand switch



32.2 Location of the switch wiring connector (arrowed)

2 Pull the rubber cover off the wiring connector and disconnect the connector (see illustration).

3 Remove the two screws securing the regulator/rectifier and remove it, noting the earth cable secured by one of the screws on some models.

4 Install the new unit and tighten its screws securely, not forgetting the earth cable, where fitted. Connect the wiring connector.

32 Side stand switch – check and renewal



Check

1 Where fitted, the side stand switch is mounted on the top of the side stand bracket (see illustration). The switch is part of the

safety circuit which prevents the engine from starting unless the side stand is up and the brake lever is pulled in. Before checking the electrical circuit, check the ignition circuit fuses (see Section 5).

2 To access the wiring connector, remove the floor panel (see Chapter 7). Trace the wiring from the switch and disconnect it at the connector (see illustration).

3 Check the operation of the switch using a multi-meter or continuity tester. Connect the meter probes to the terminals on the switch side of the connector. With the side stand up there should be continuity (zero resistance) between the terminals, and with the stand down there should be no continuity (infinite resistance).

4 If the switch does not perform as expected, it is defective and must be renewed.

5 If the switch is good, check the starter relay (Section 25) and other components in the

starter circuit as described in the relevant Sections of this Chapter. If all components are good, check the wiring between the various components (see wiring diagrams at the end of this Chapter).

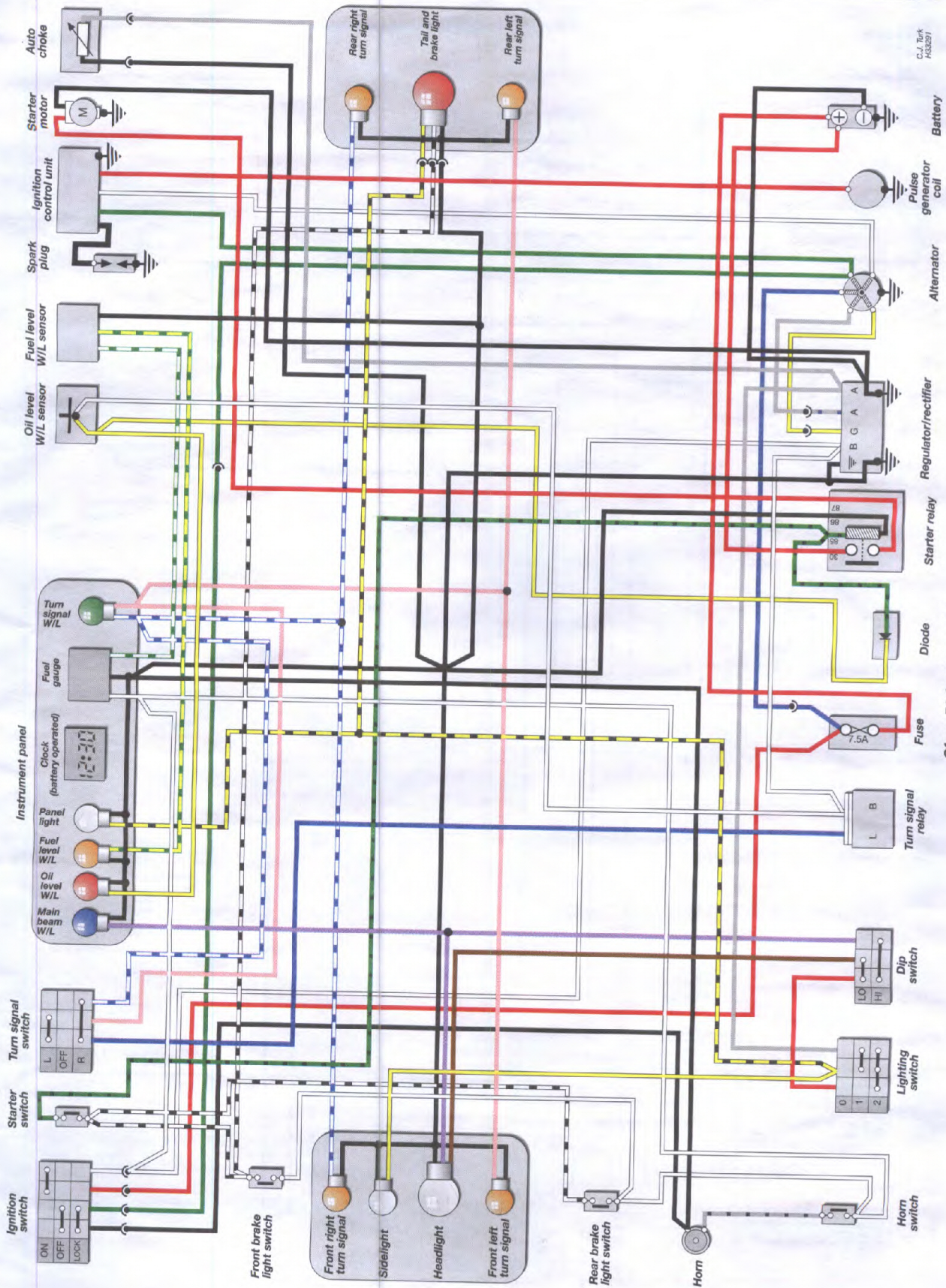
Renewal

6 The side stand switch is mounted on the top of the side stand bracket. Remove the floor panel, then trace the wiring from the switch and disconnect it at the connector (see illustration 32.2). Release the wiring from any cable ties and feed it back to the switch noting the correct routing.

7 Remove the side stand and remove the switch, noting how it fits (see Chapter 7).

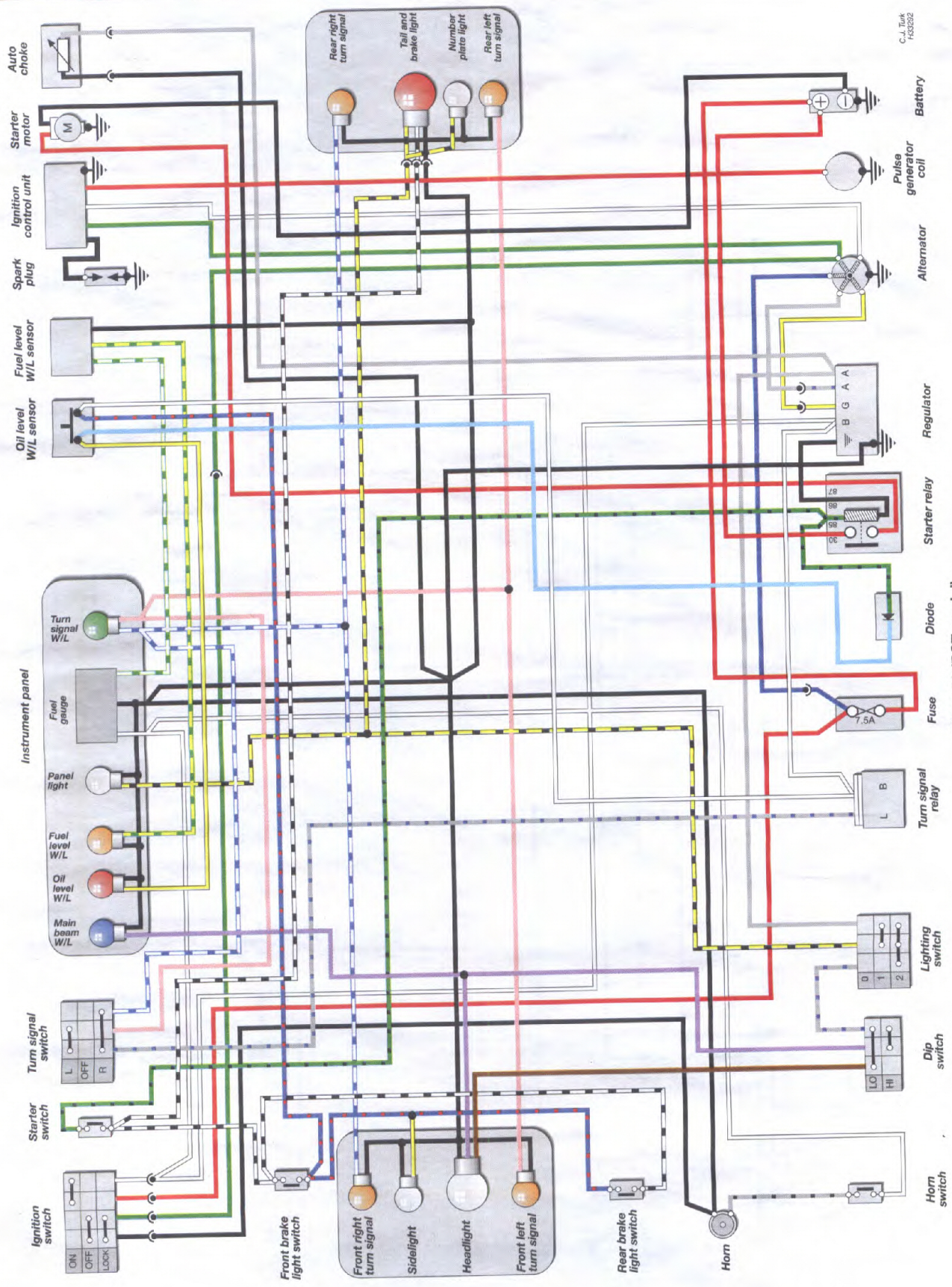
8 Install the new switch, then install the stand.

9 Make sure the wiring is correctly routed up to the connector and retained by all the necessary ties. Reconnect the wiring connector and check the operation of the switch, then install the floor panel.



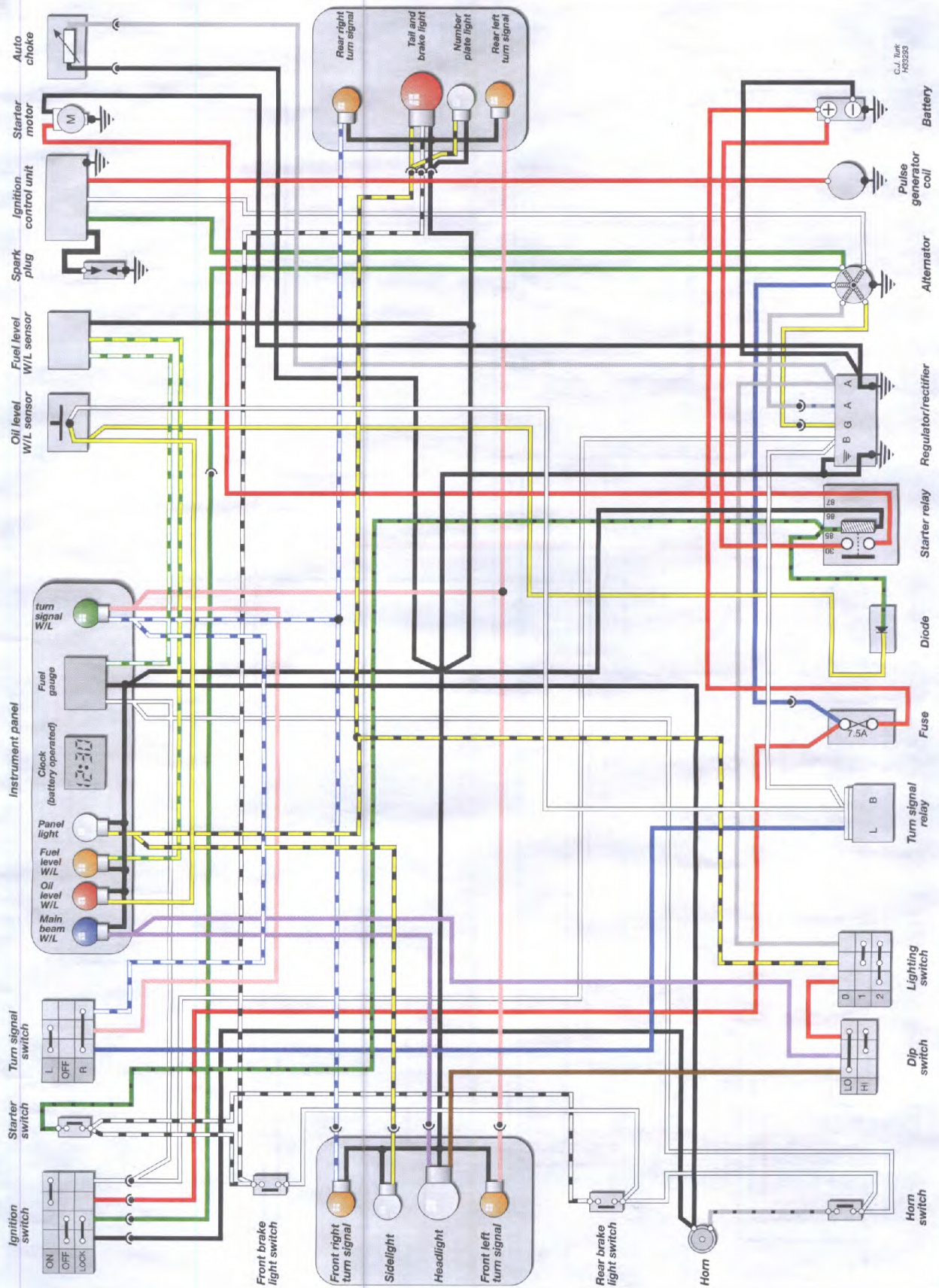
C.J. ToK
H33291

Sfera 50 (early model)

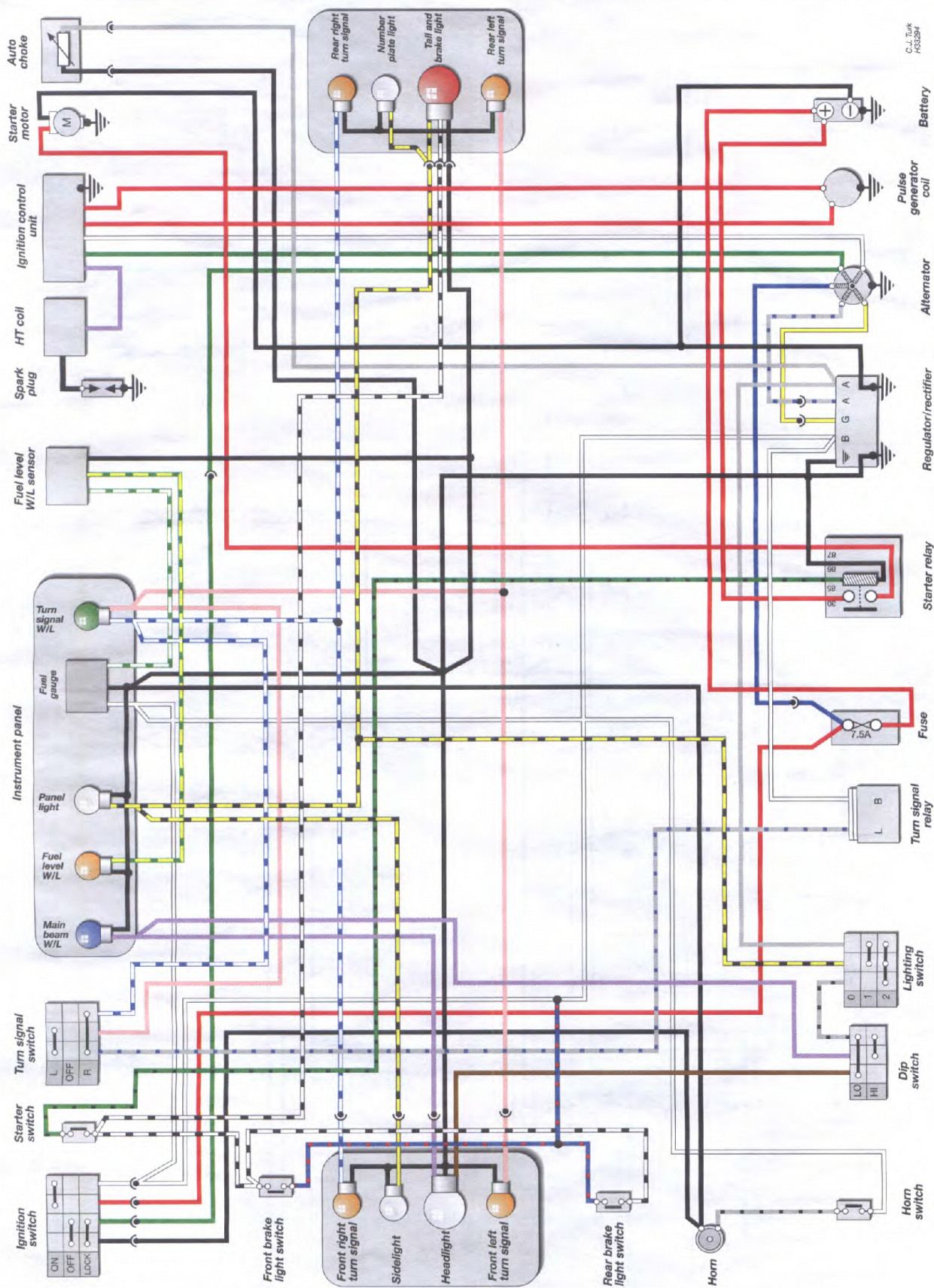


C.J. Turk
143292

Sfera 50 (RST model)

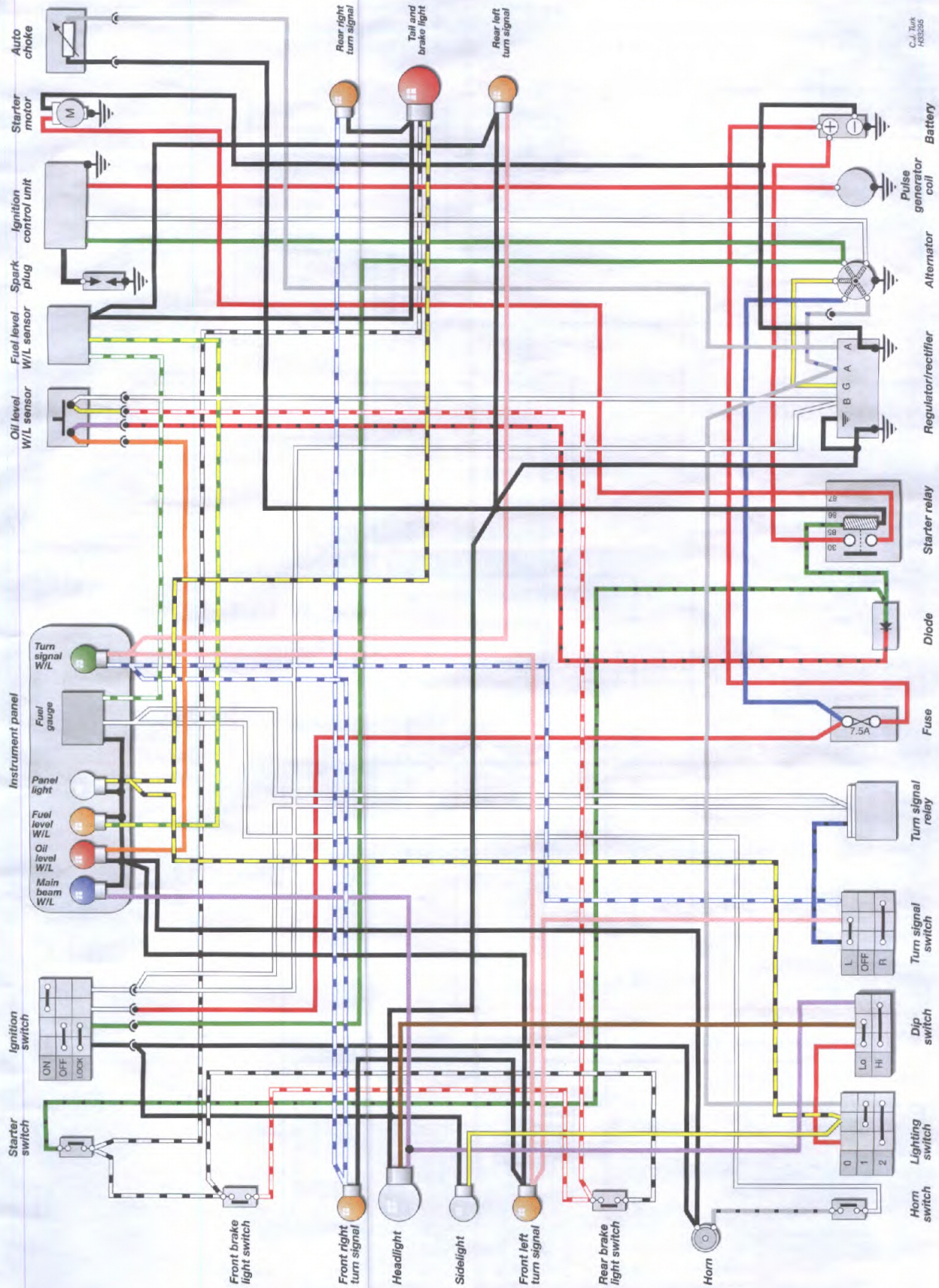


Sfera 80 model



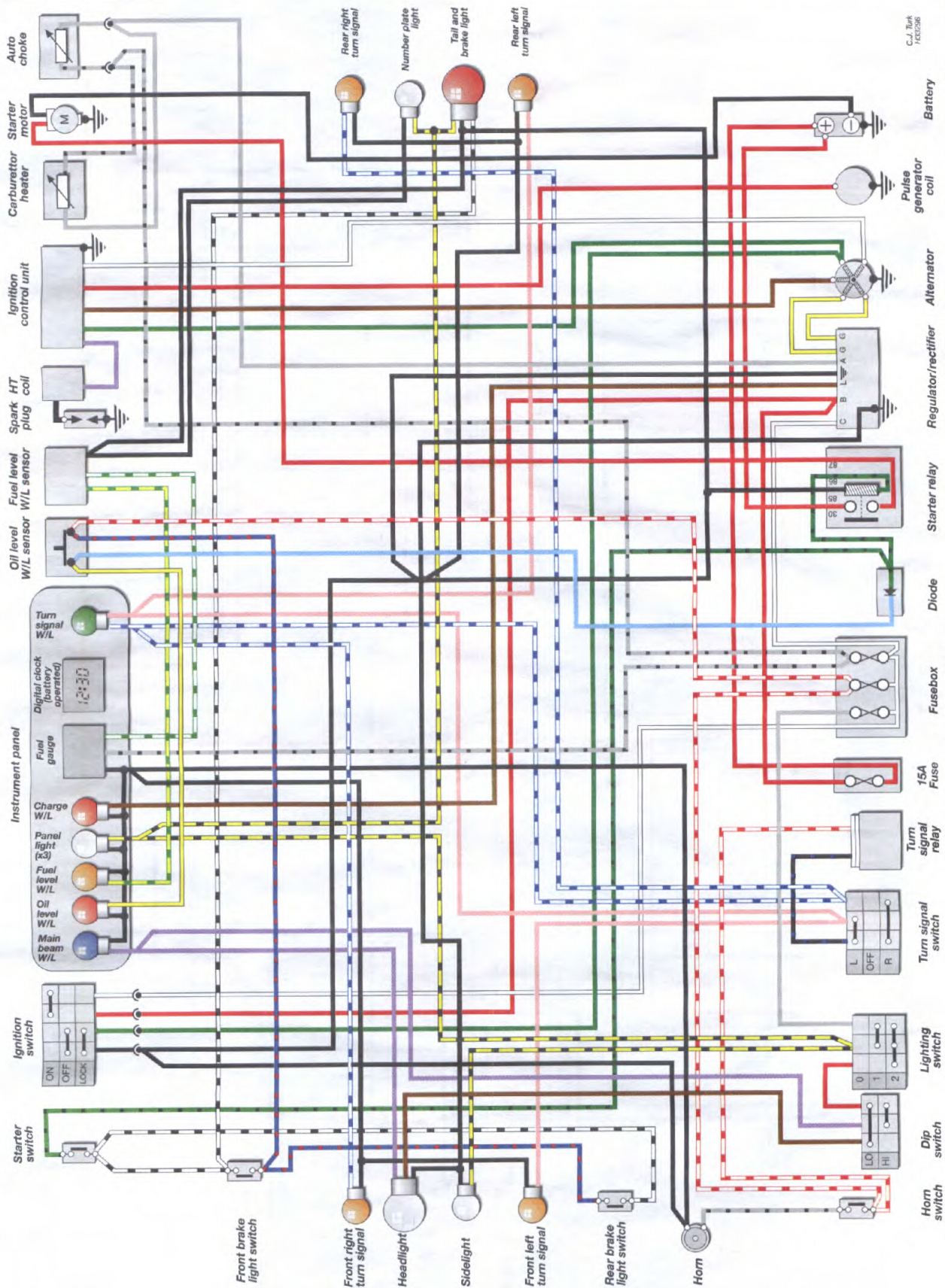
C.J. Tuli
H33294

Sfera 125 model



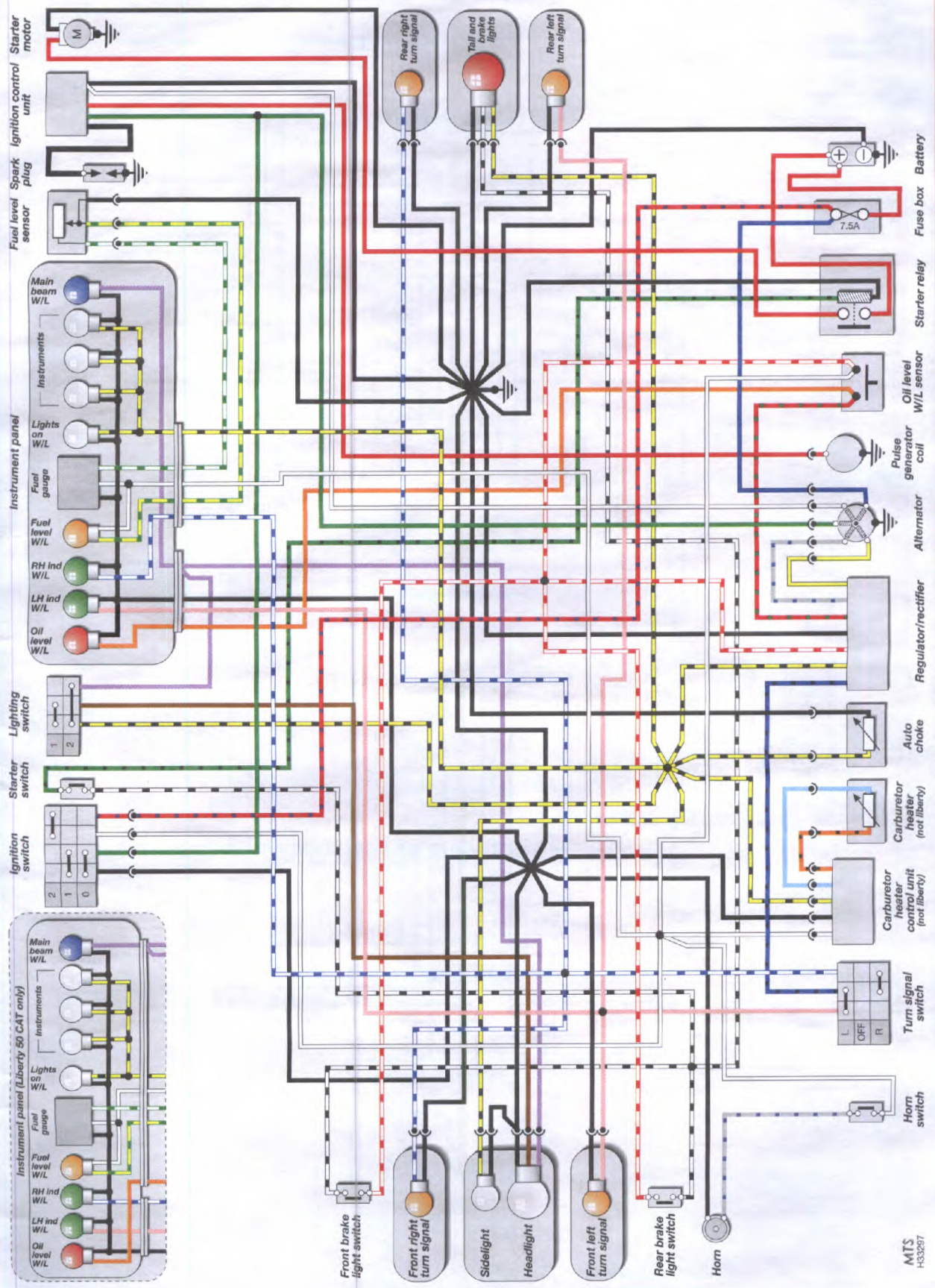
CJ Tech
143235

Typhoon 50/80 models



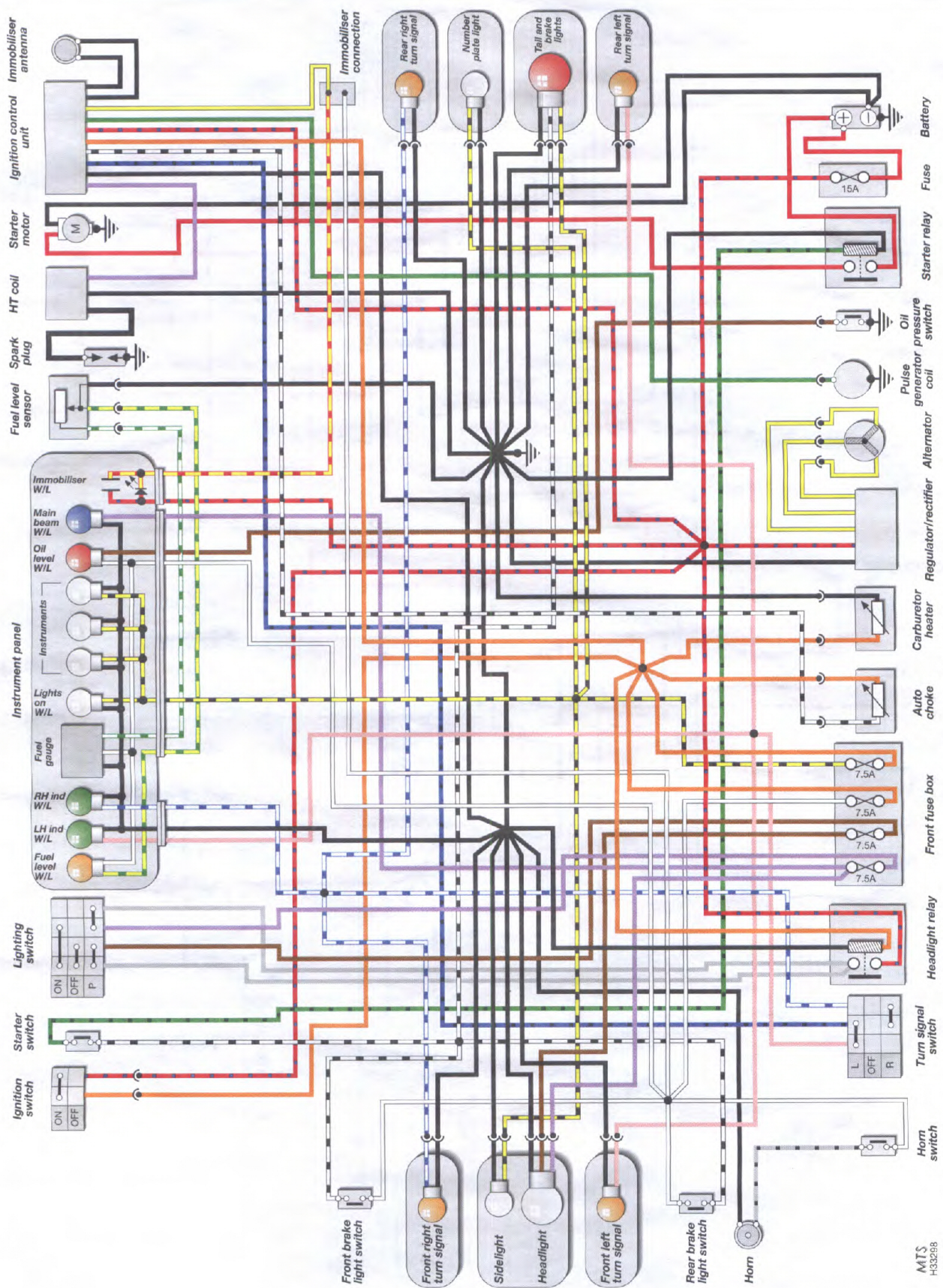
C.J. Turk
199506

Typhoon 125 model

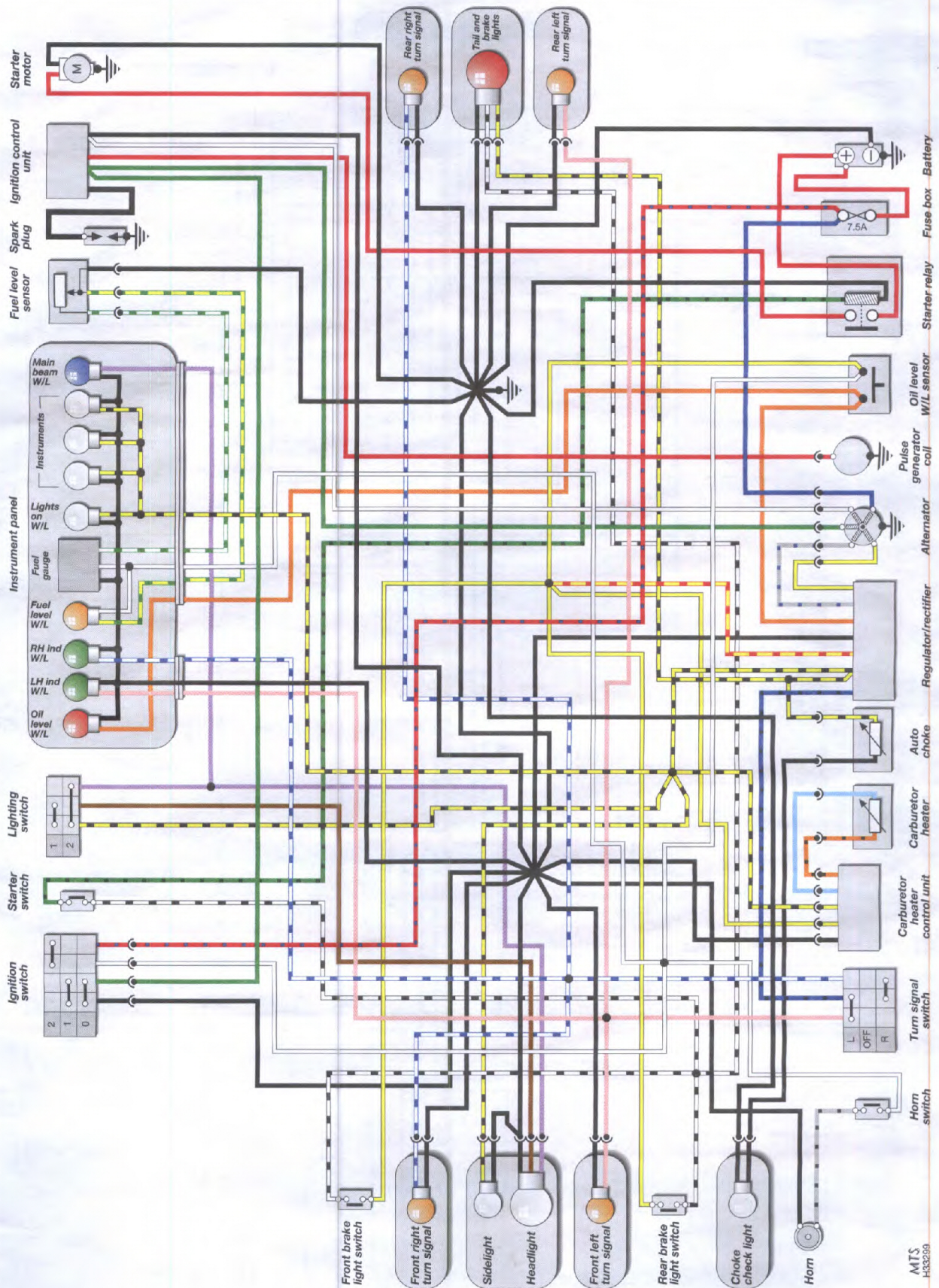


Fly 50 CAT and Liberty 50 CAT models

M5T
H33257

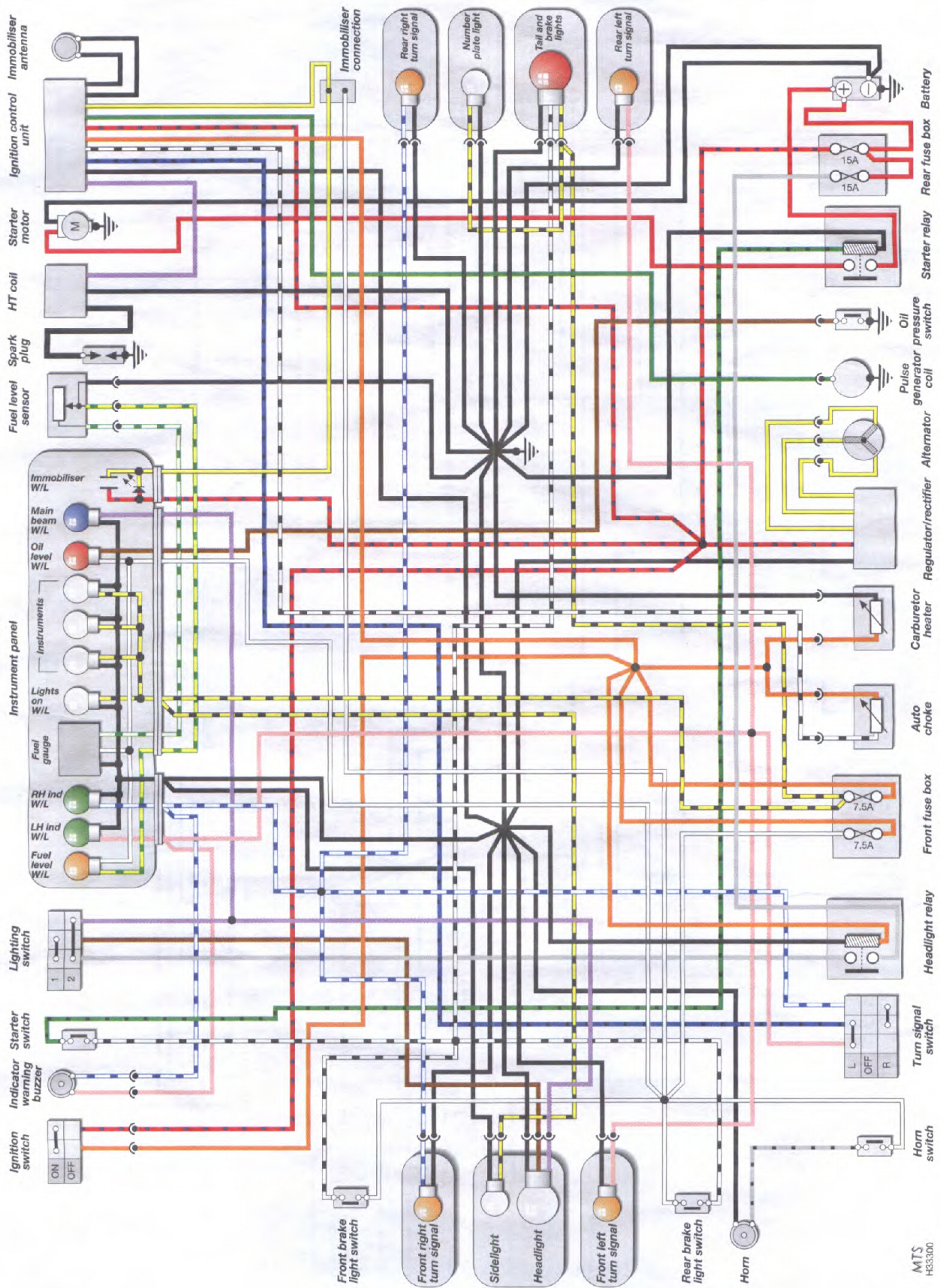


Fly 125, Liberty 125 and B125 models



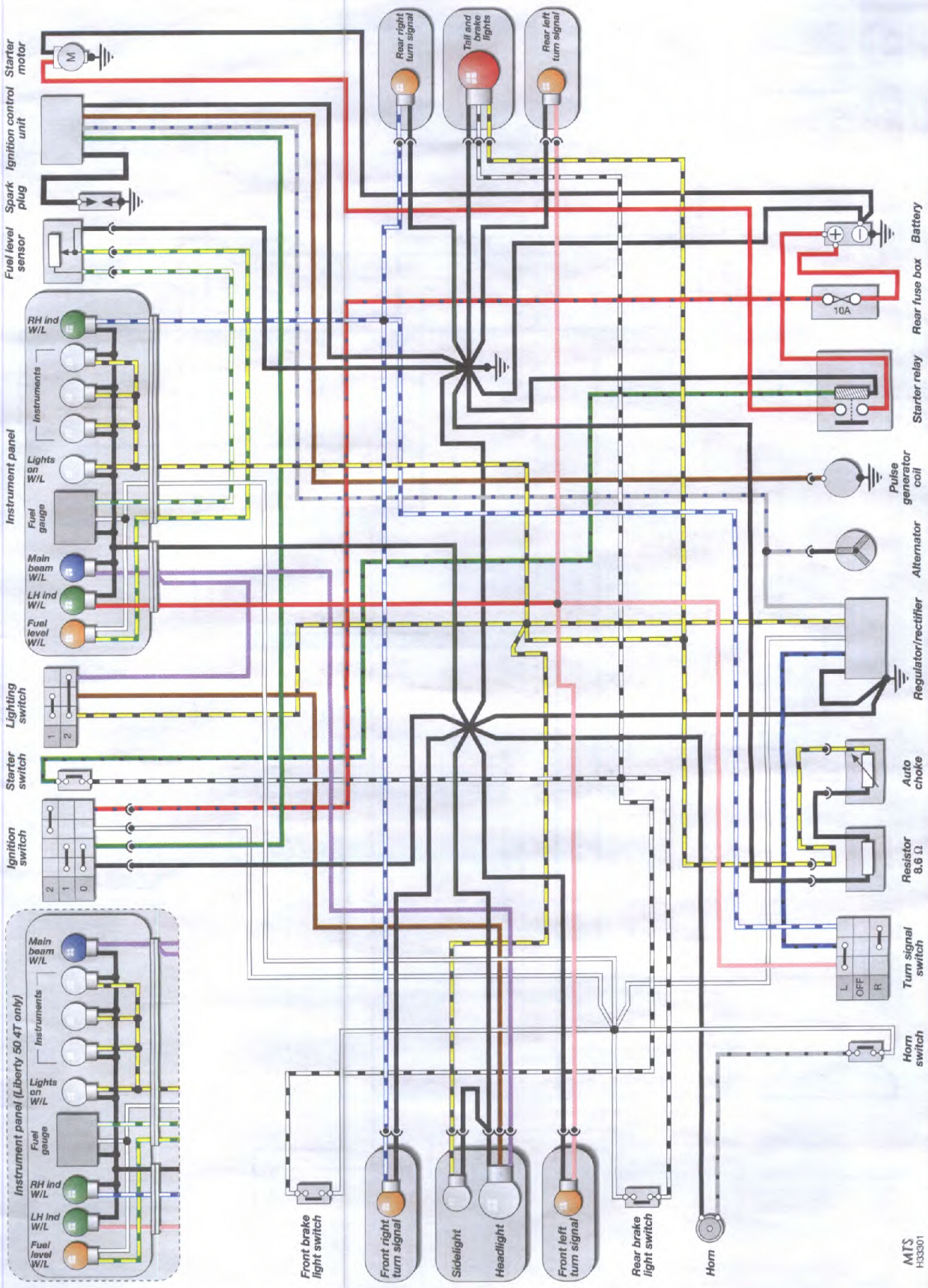
LX2 50 CAT models

MTS
H33299



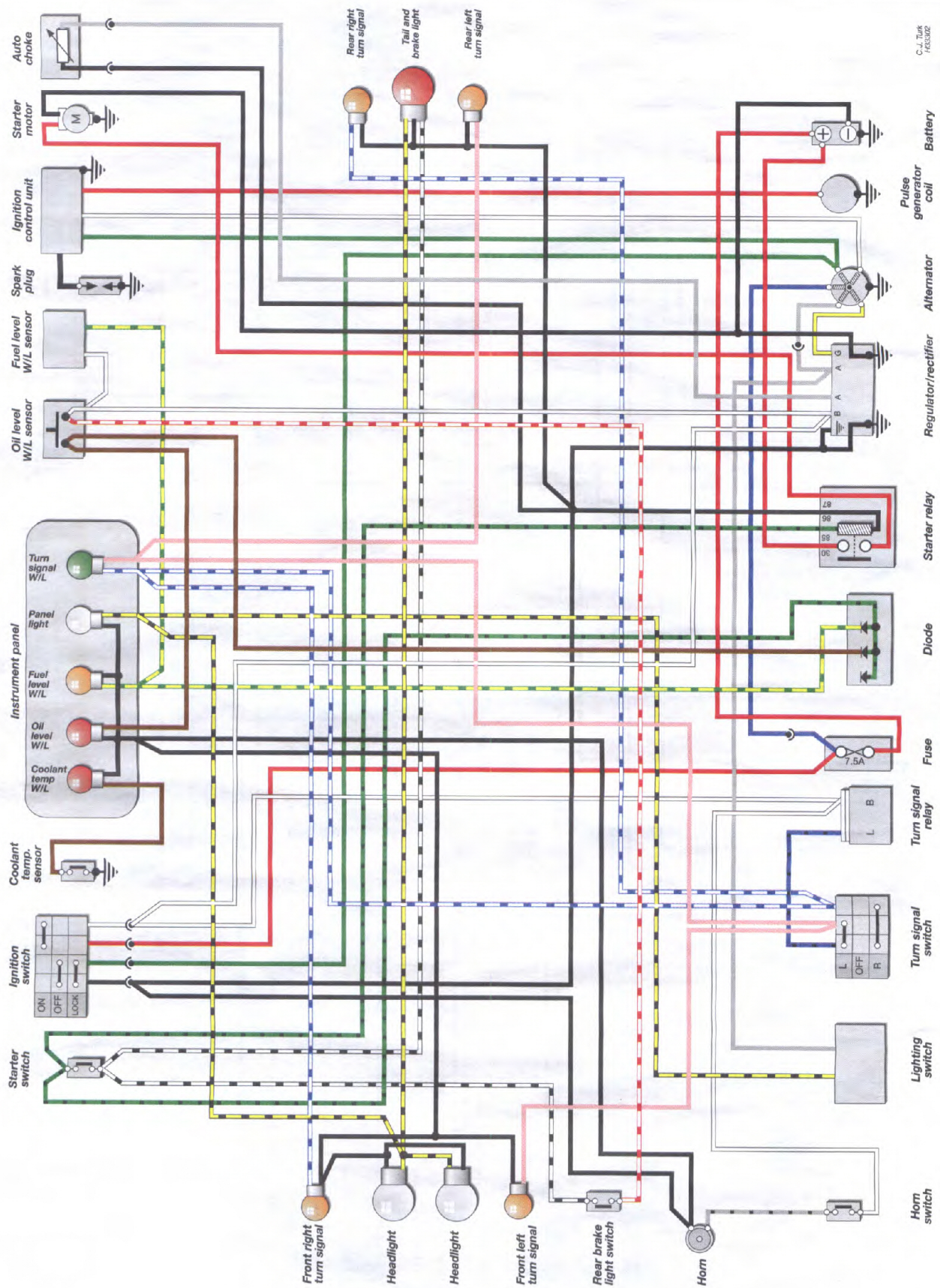
LX4 125 model

MTS
H83300



Zip 50 4T, Fly 50 4T, LX4 50 and Liberty 50 4T models

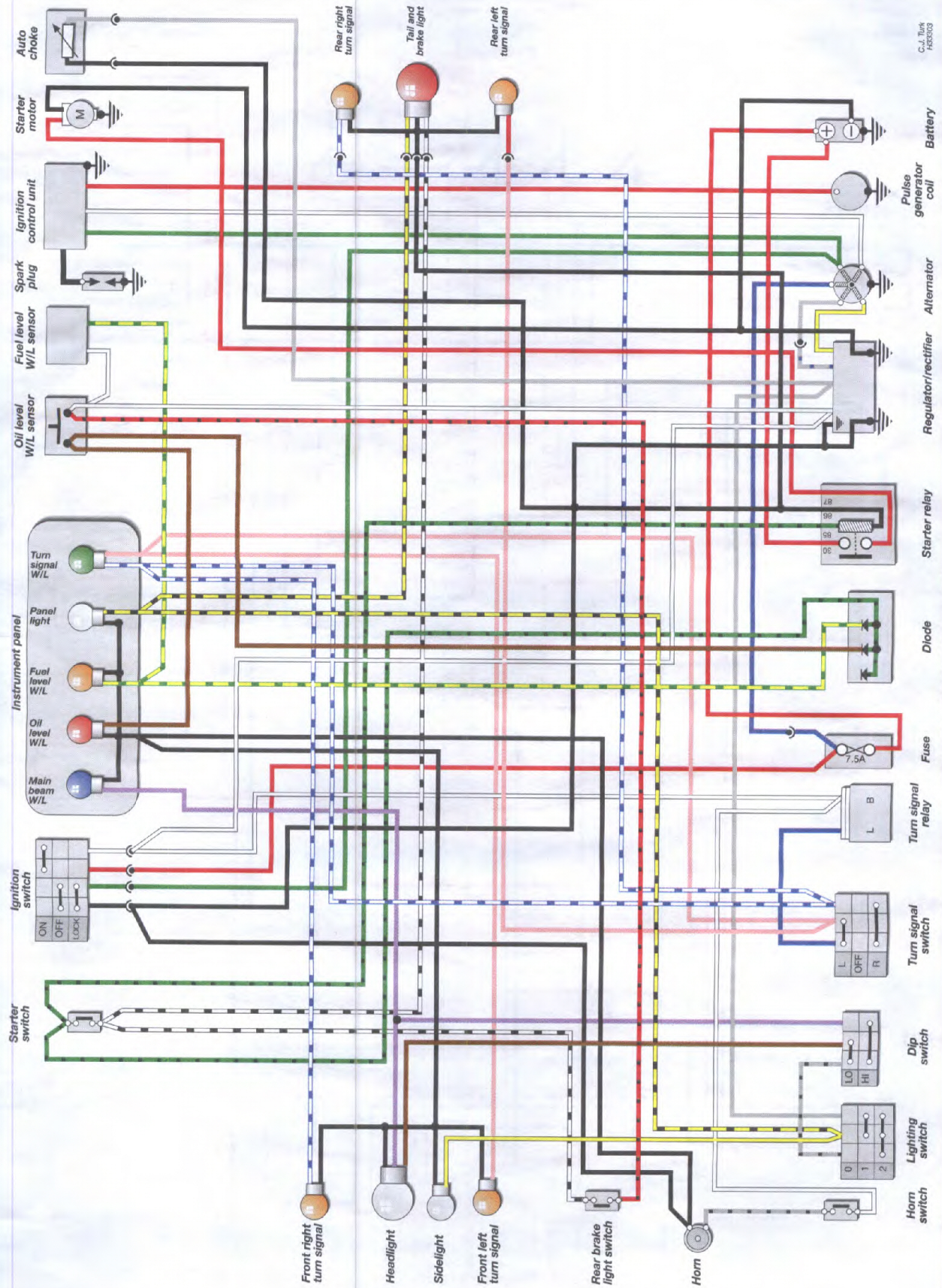
MTS
H33301



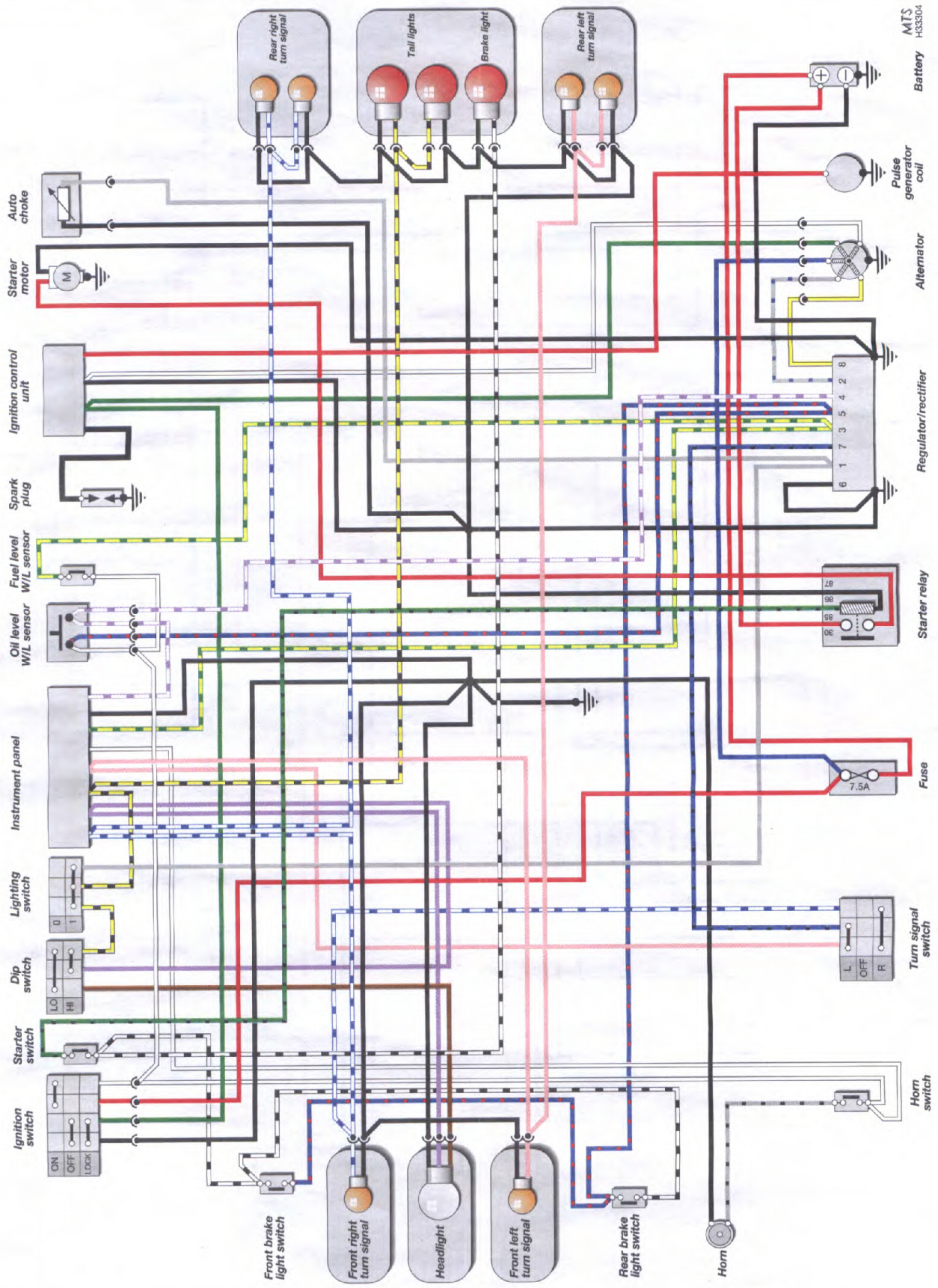
C.J. TUK
F63302

Zip 50 SP model

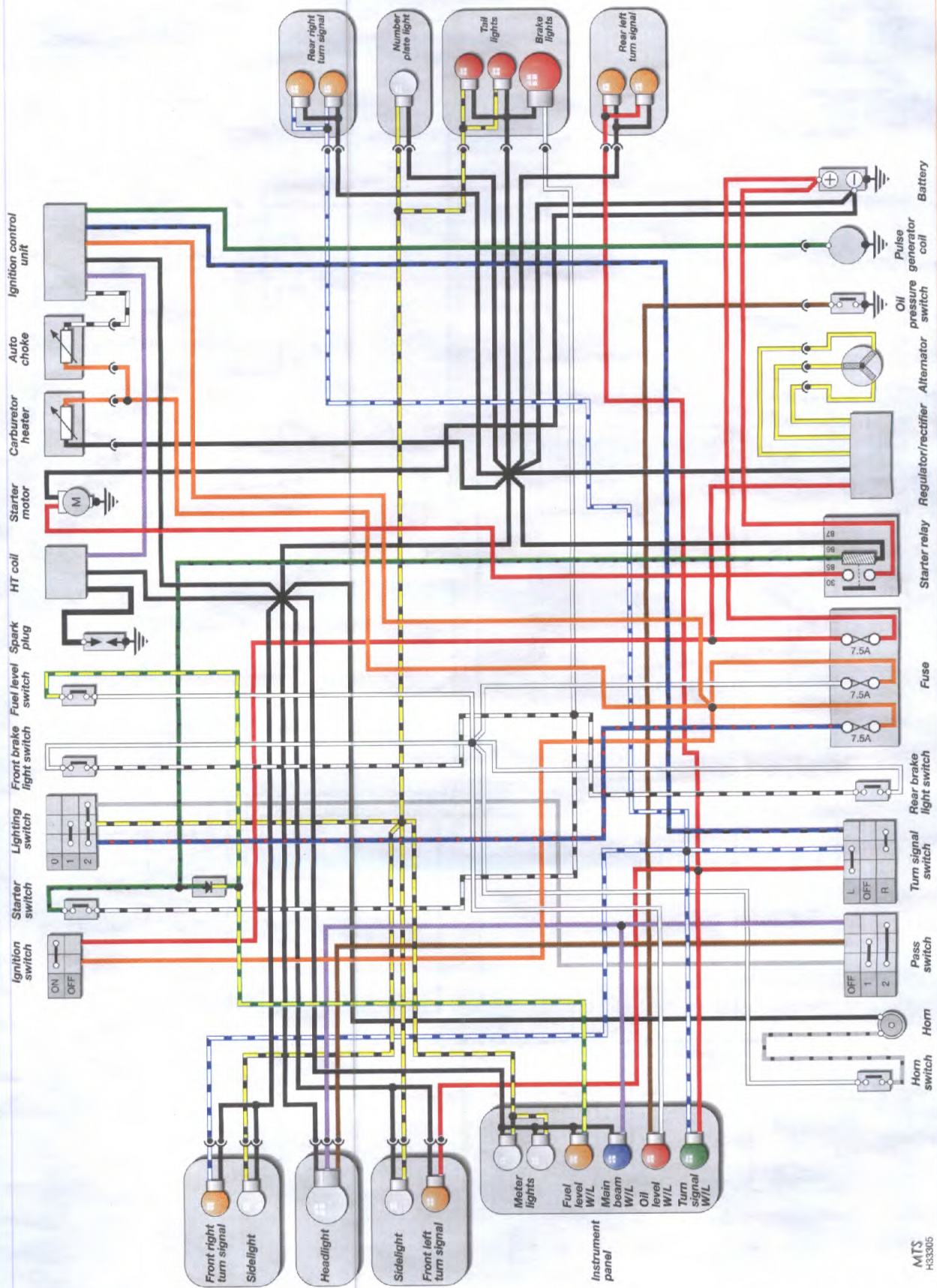
C.J. Turk
HCC003



Zip 50 1983 to 1999 model

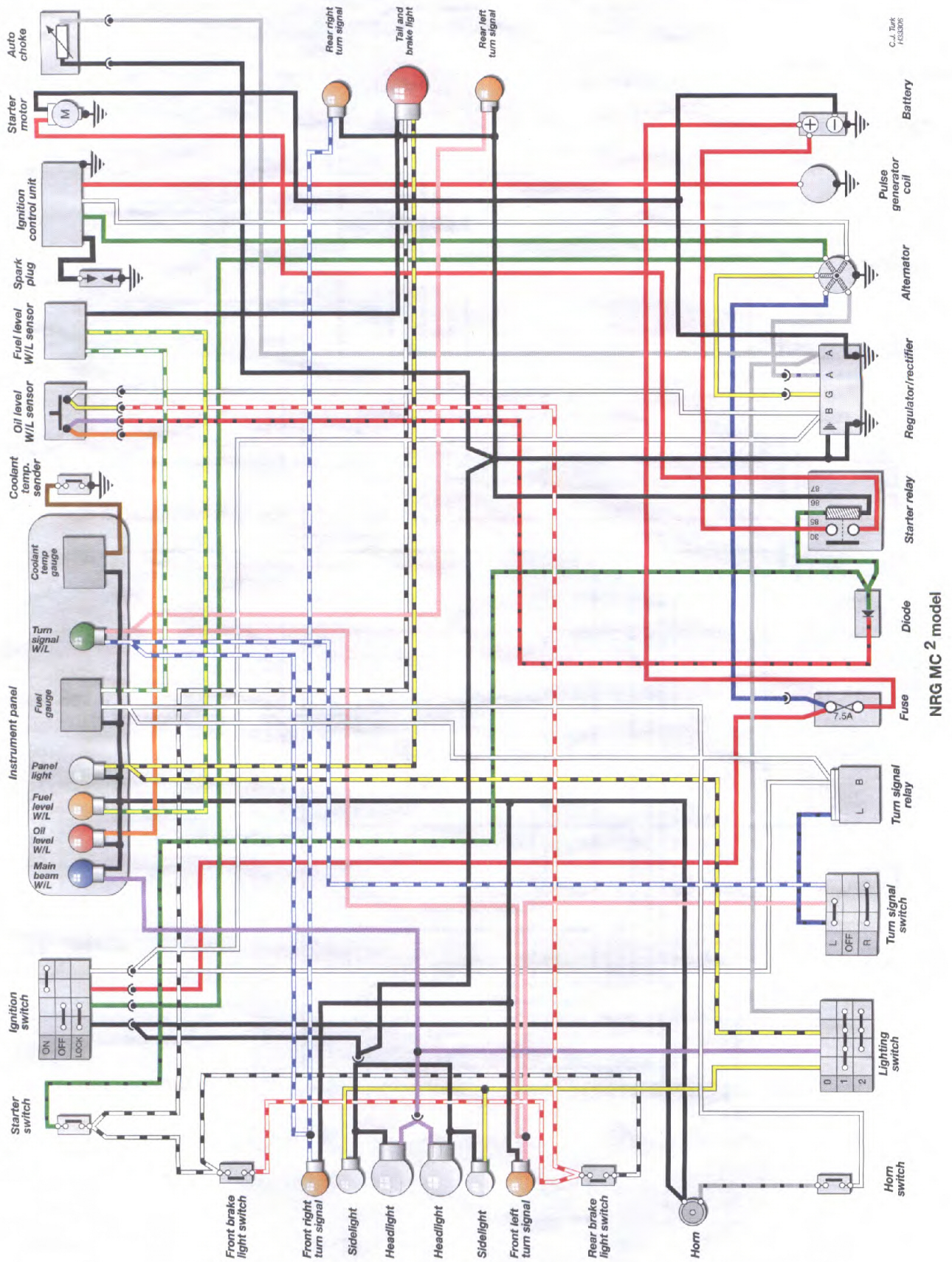


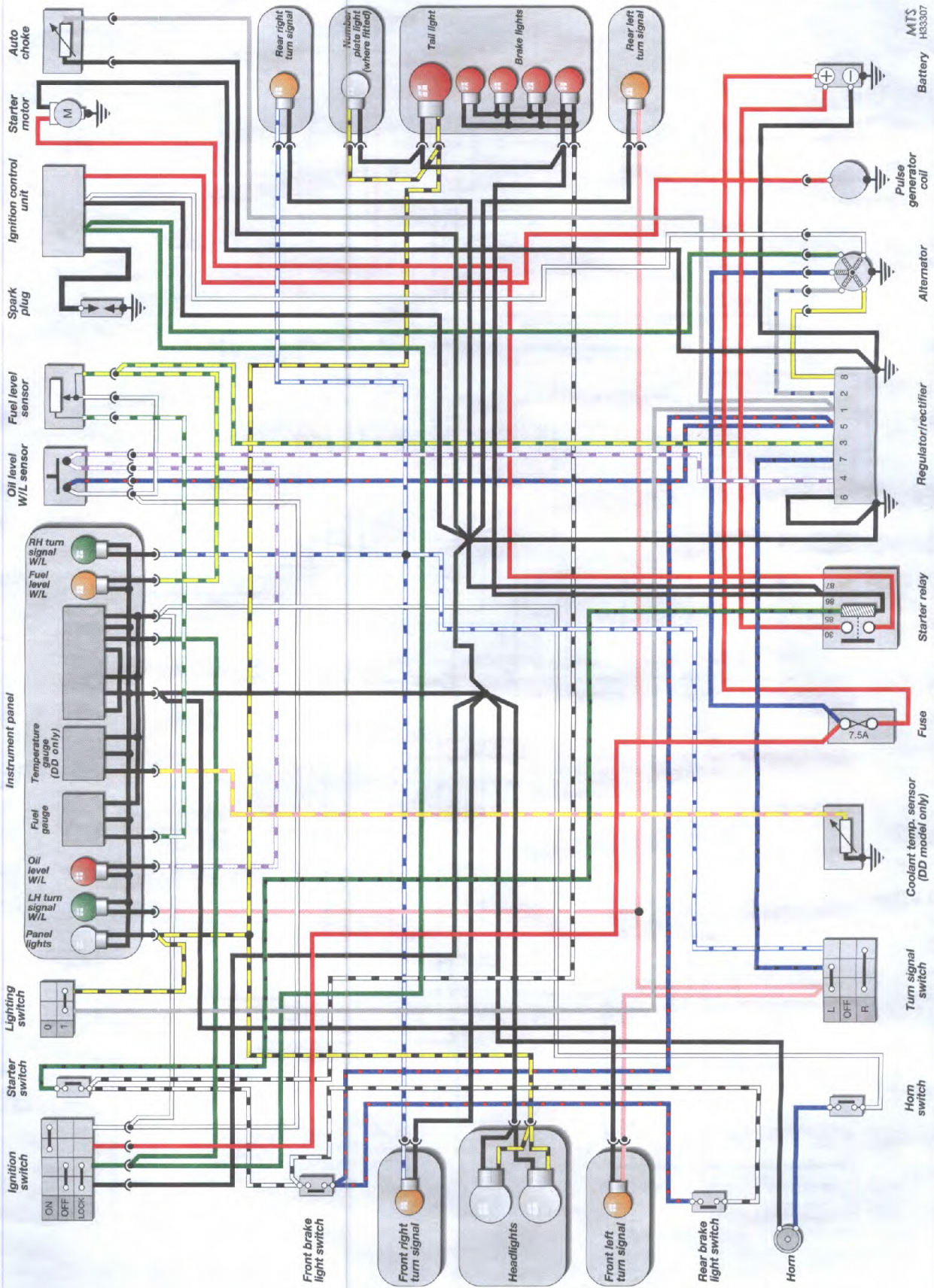
Zip 50 CAT 2000 - on model



Zip 125 model

MTS H33305





NRG MC3 model

MTS H33307
Battery

Pulse generator coil

Alternator

Regulator/rectifier

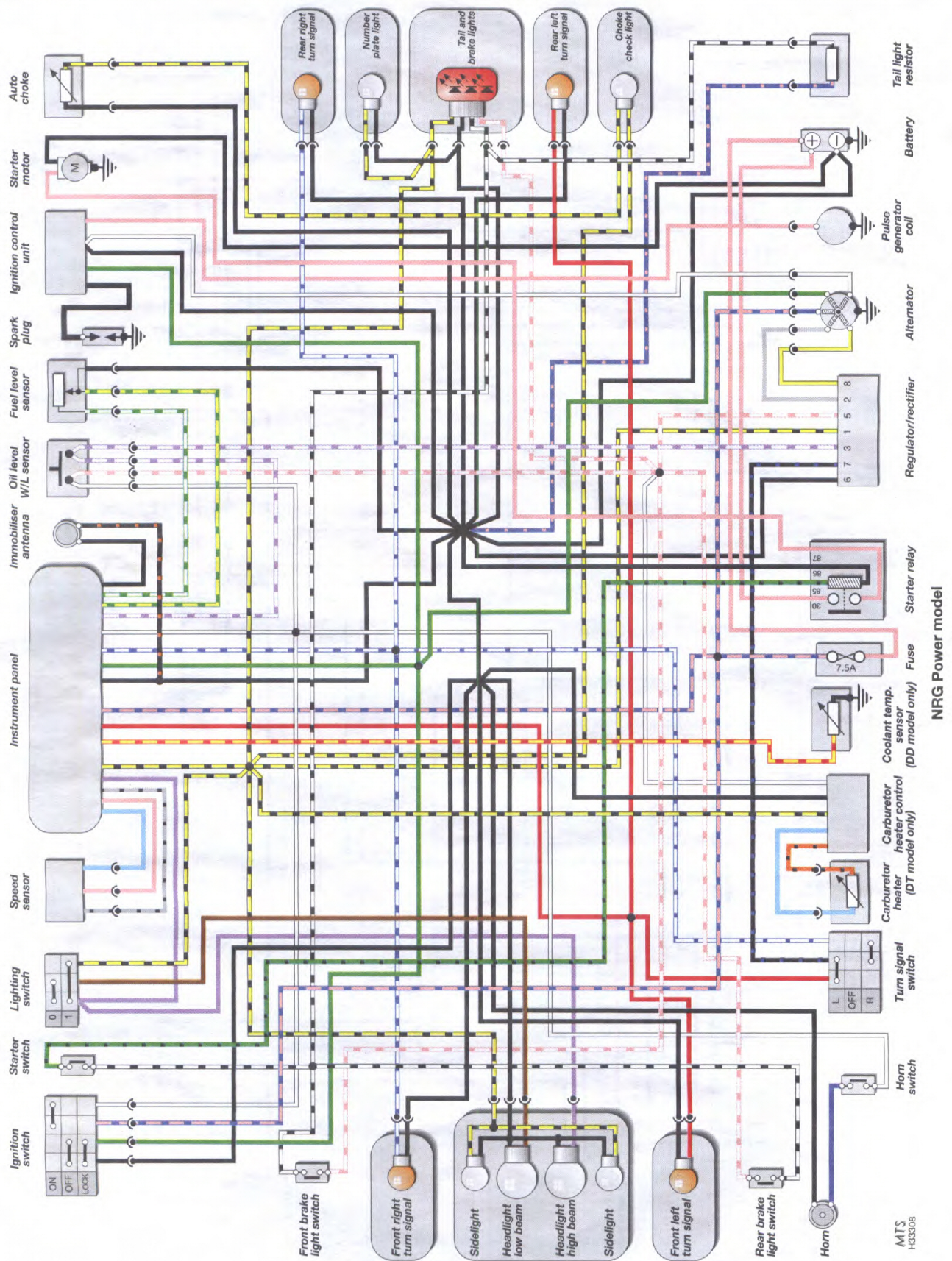
Starter relay

Fuse

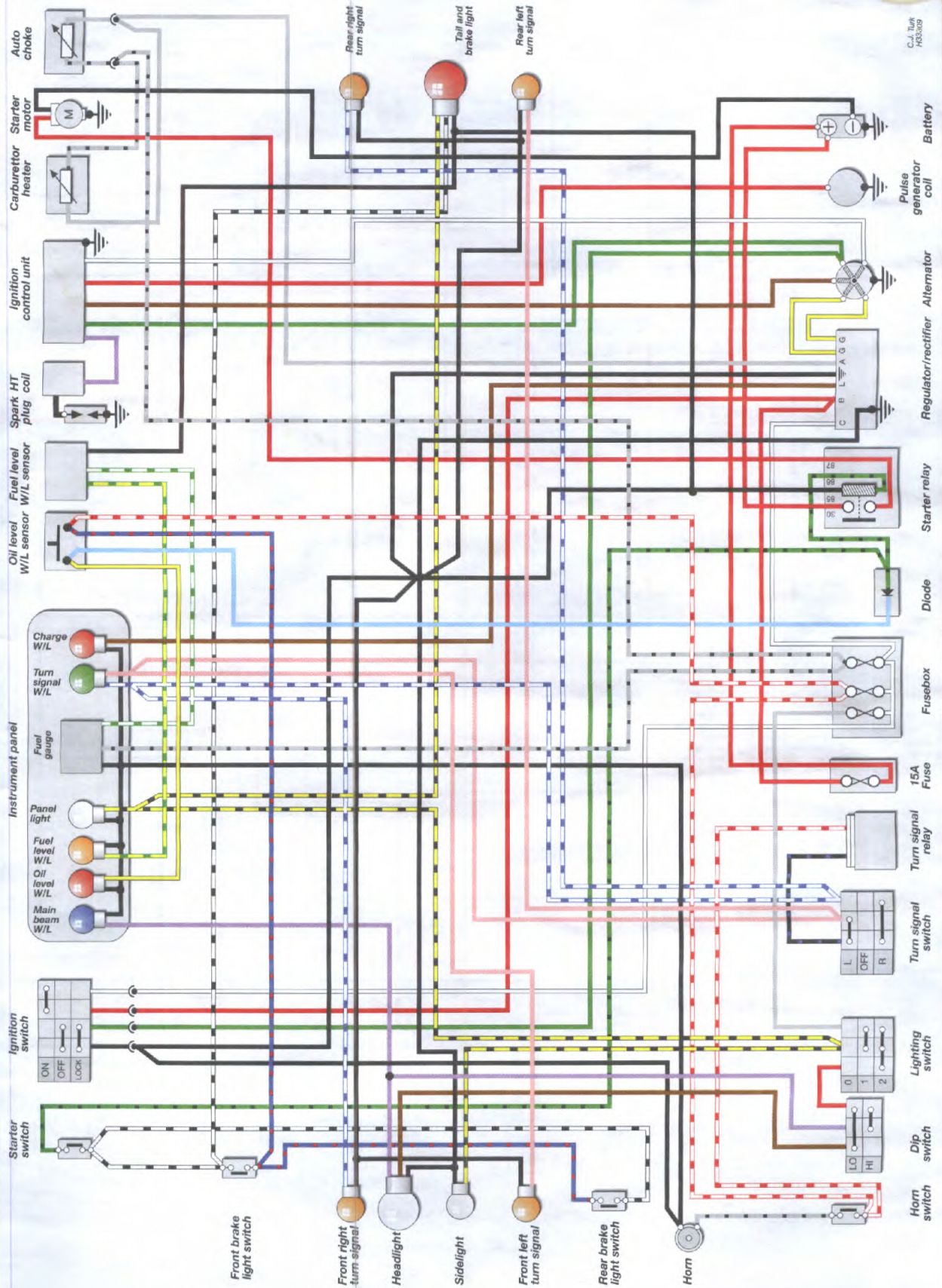
Coolant temp. sensor (DD model only)

Turn signal switch

Horn switch

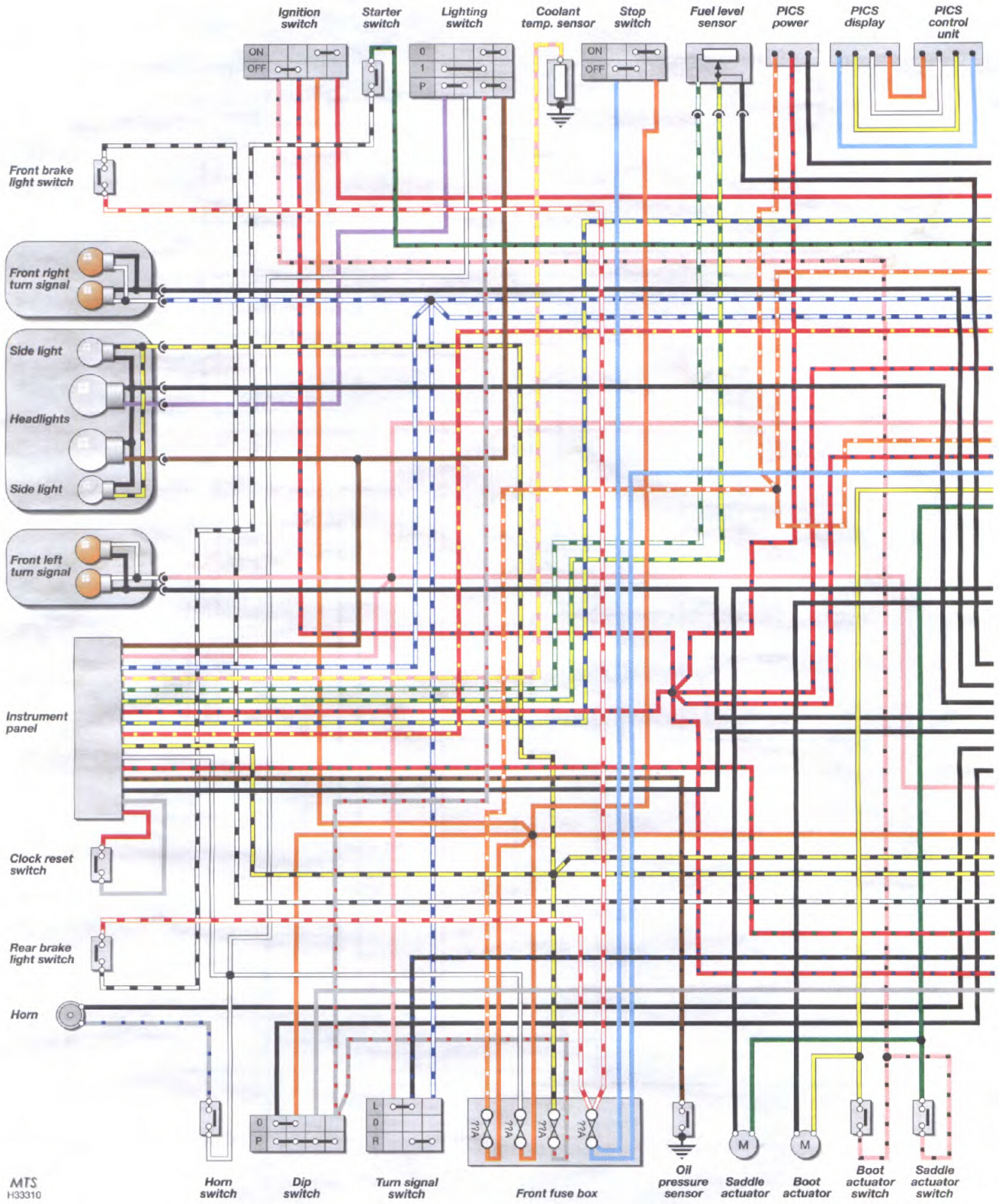


MTS
H33308



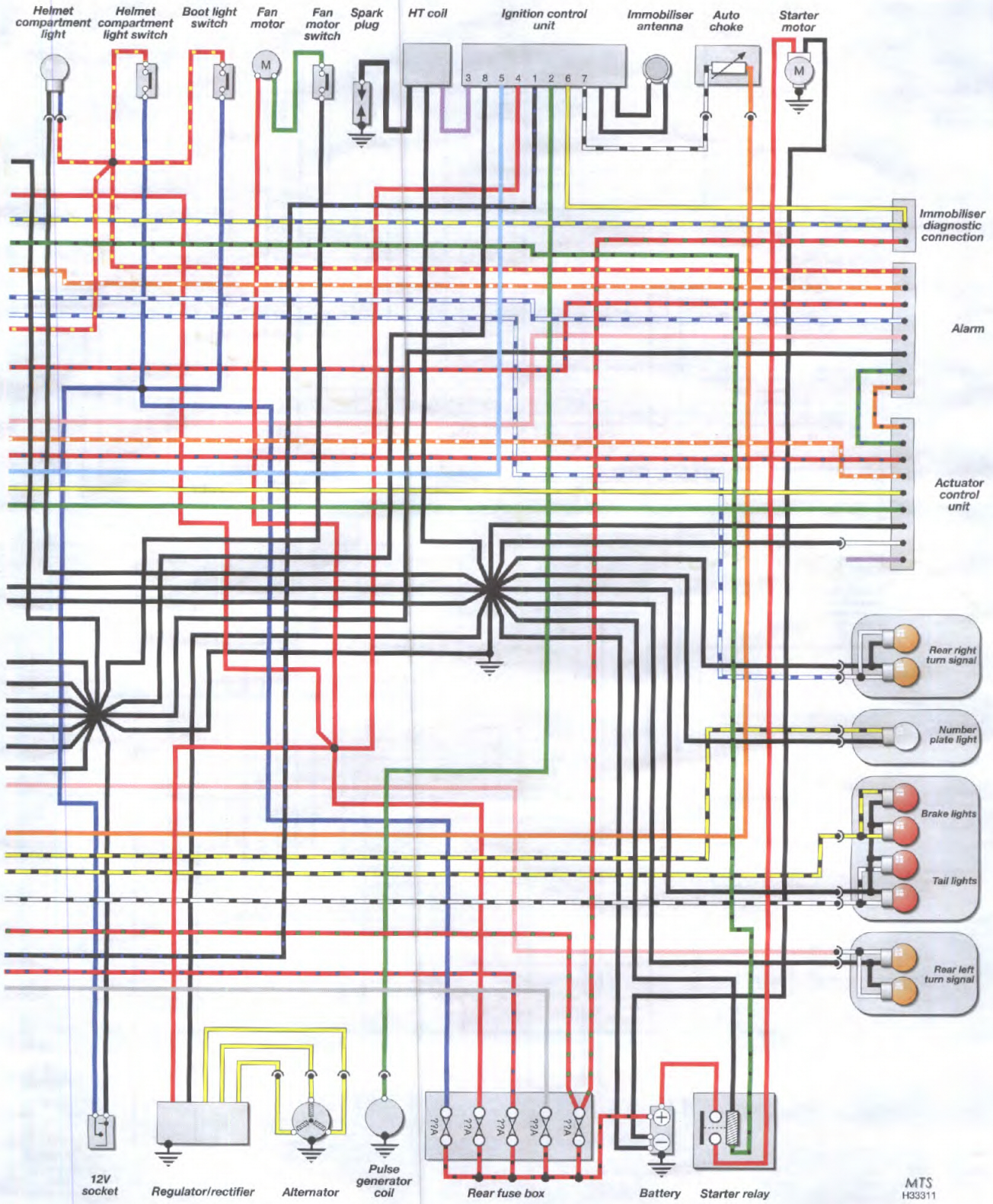
C.J. Turk
H83509

Skipper model



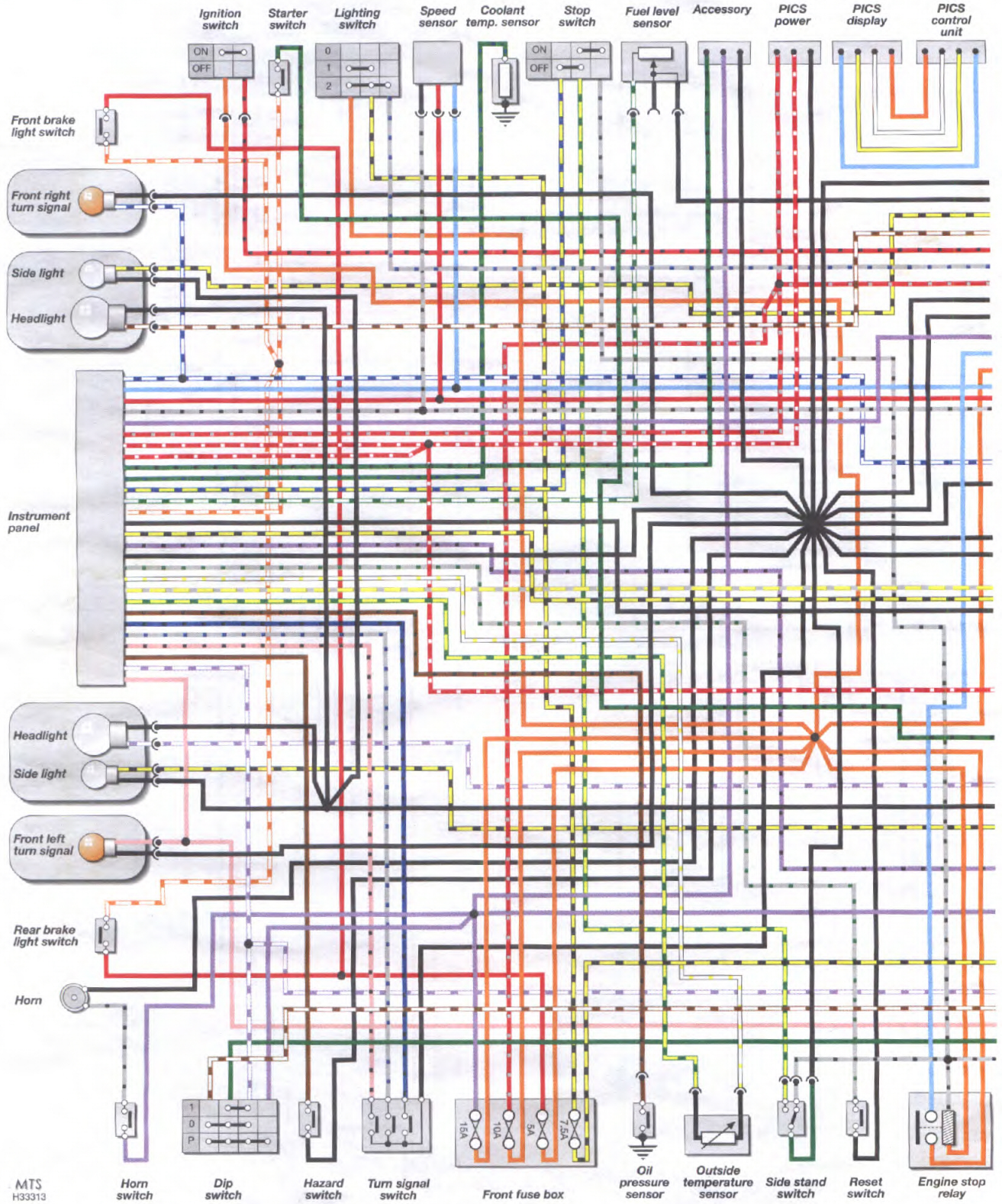
MTS
H33310

X8 125 model



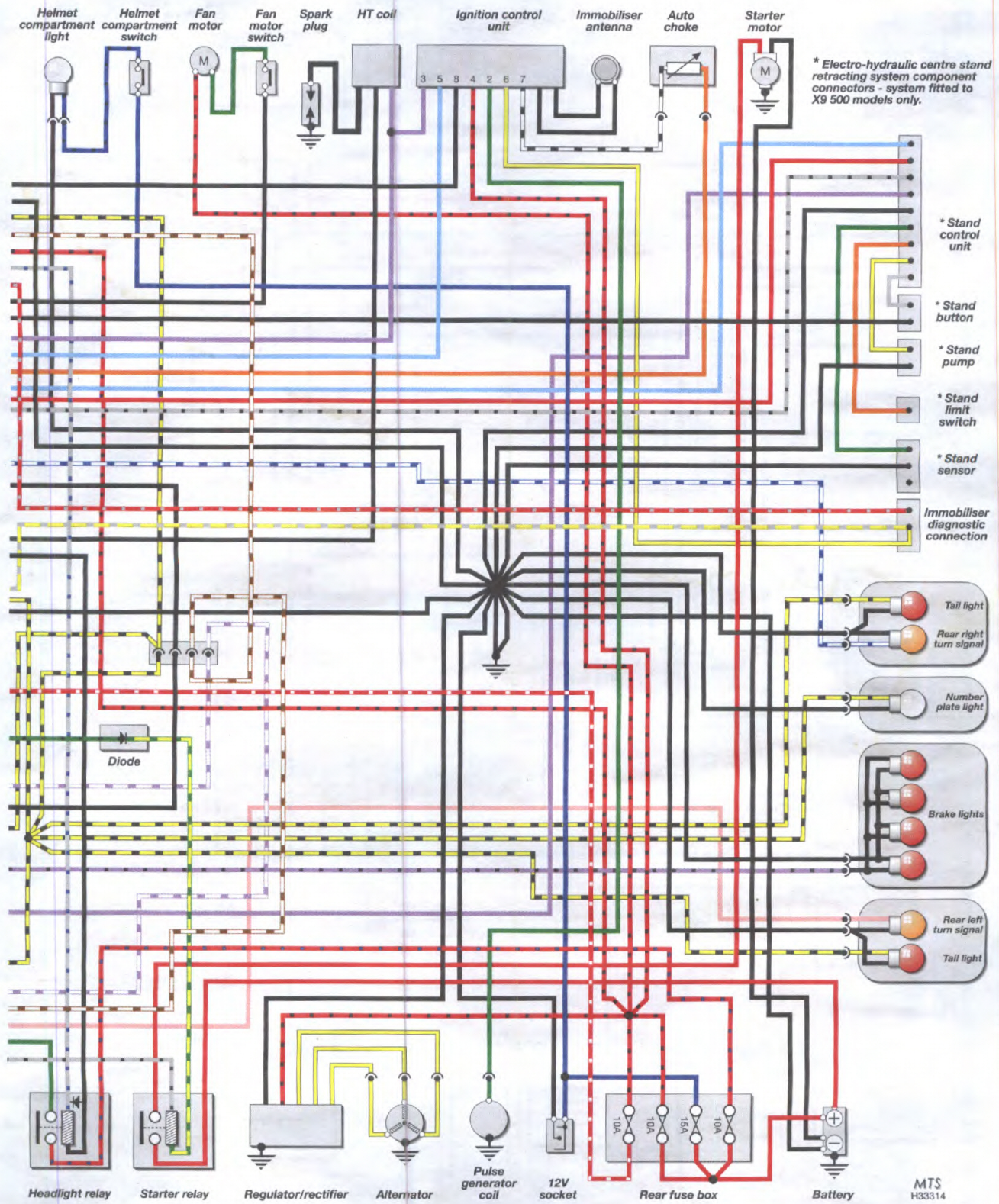
X8 125 model continued

MTS
H33311



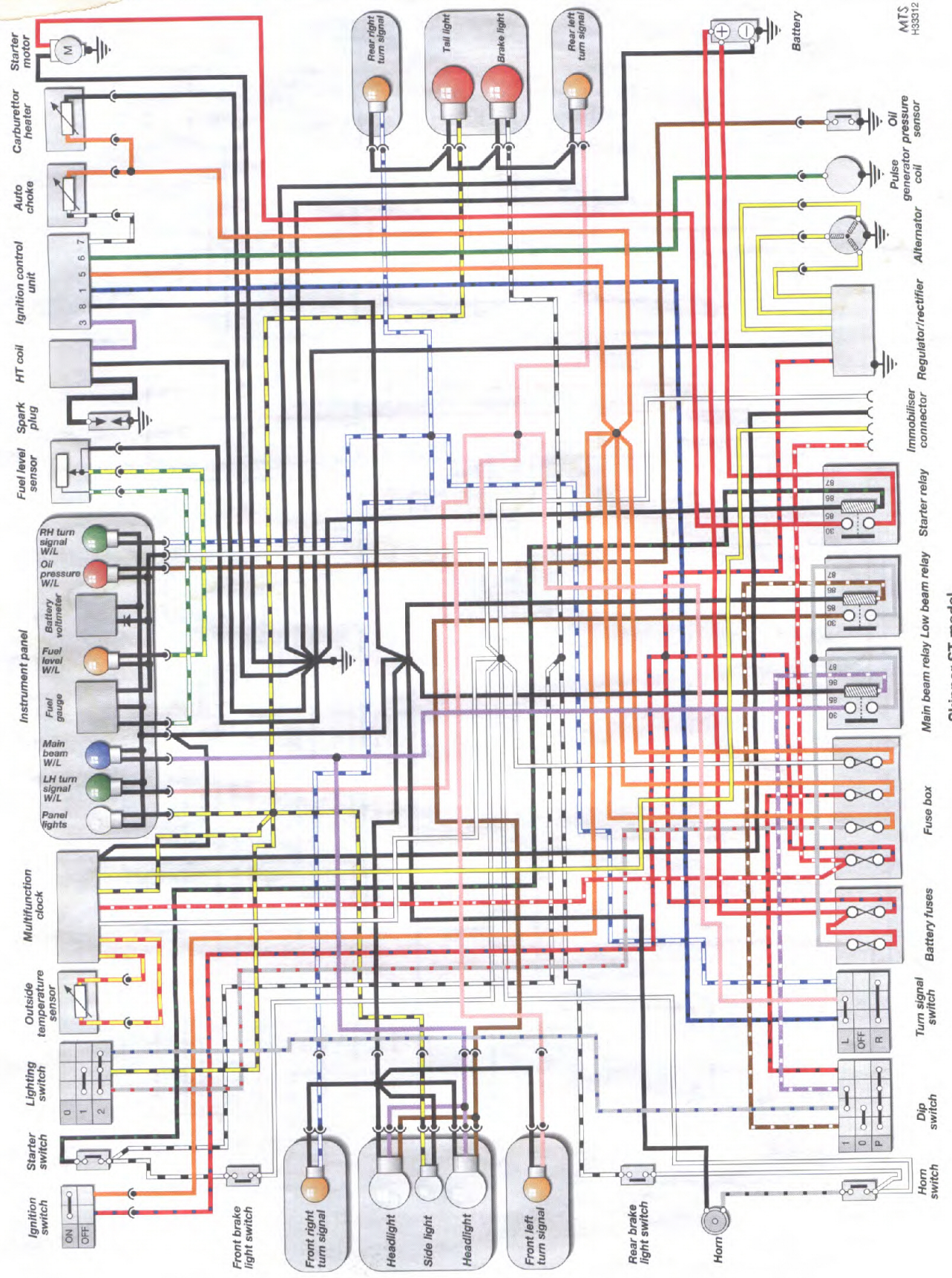
MTS
H33313

X9 125 model



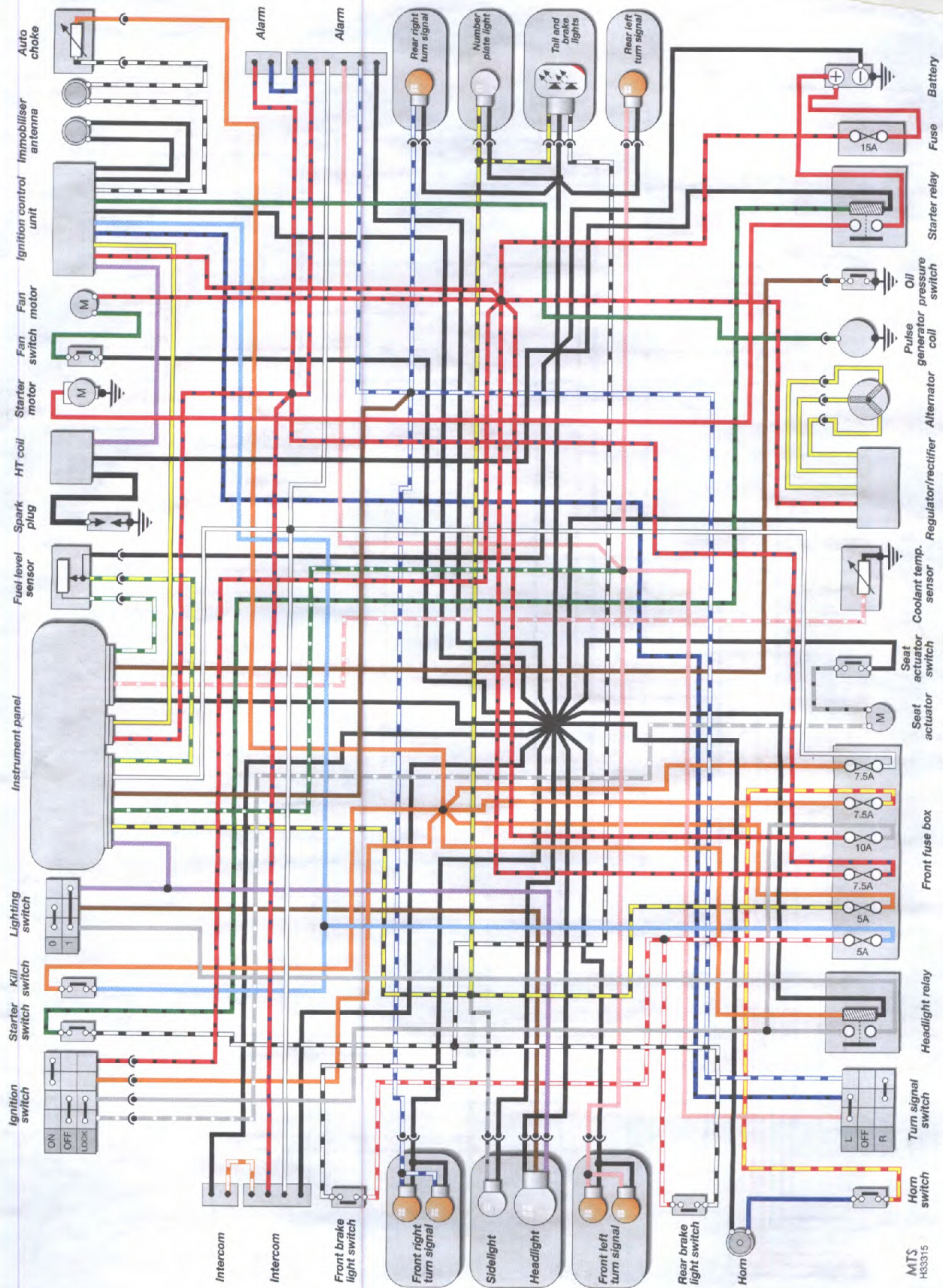
X9 125 model continued

MTS
H33314



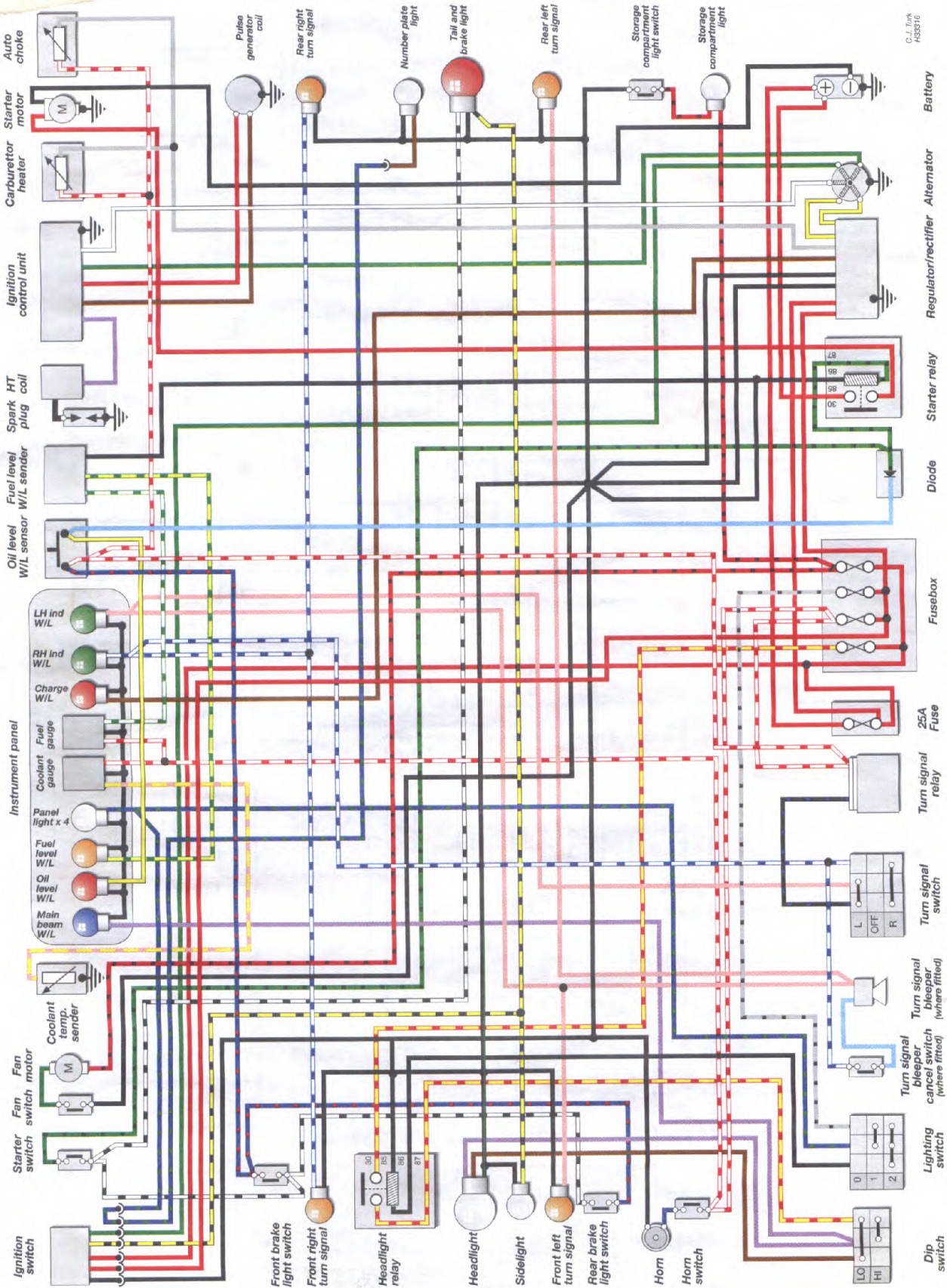
MTS
H33312

Skipper ST model



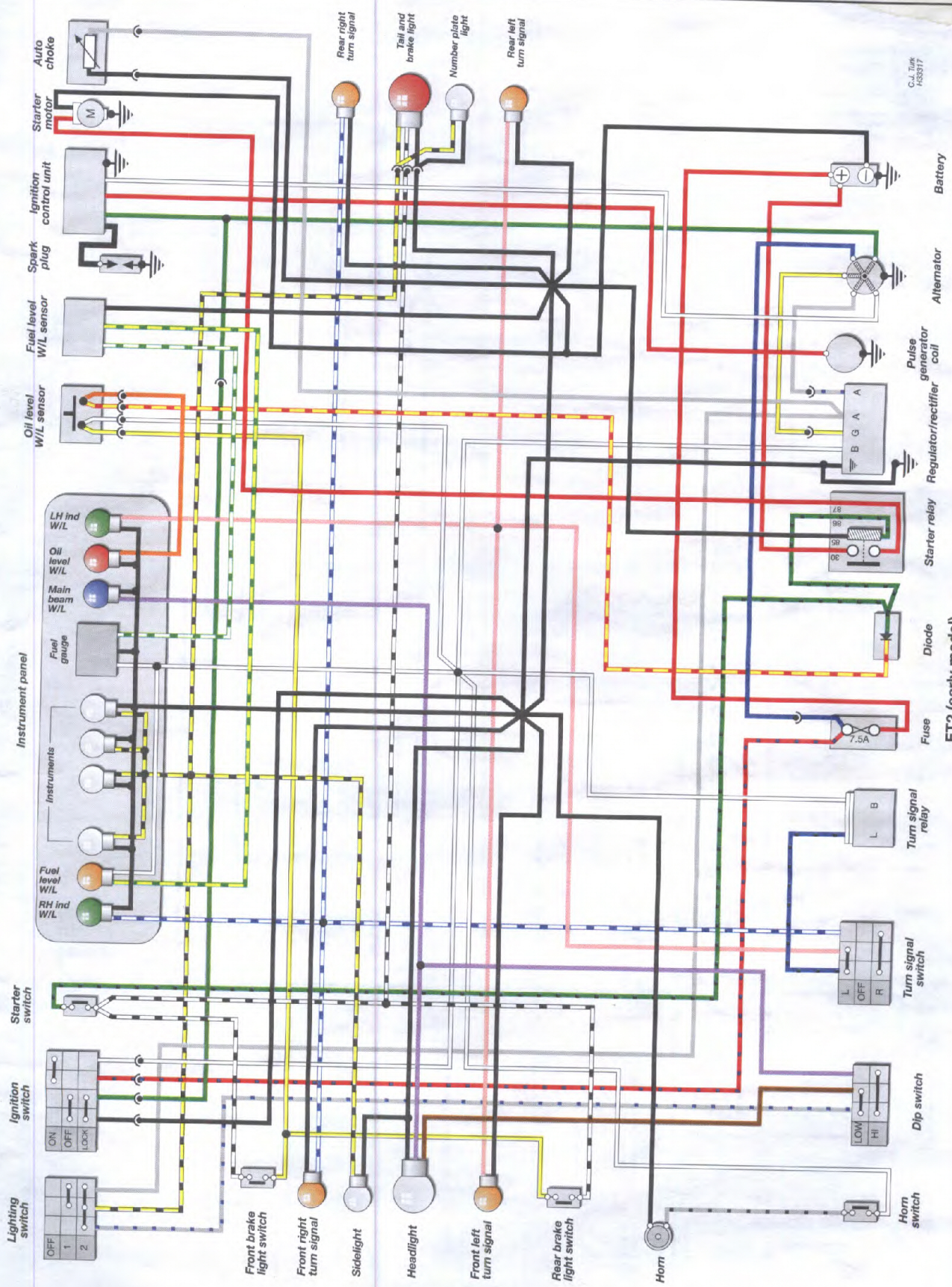
GT125 and GT200 models

MTS H33315



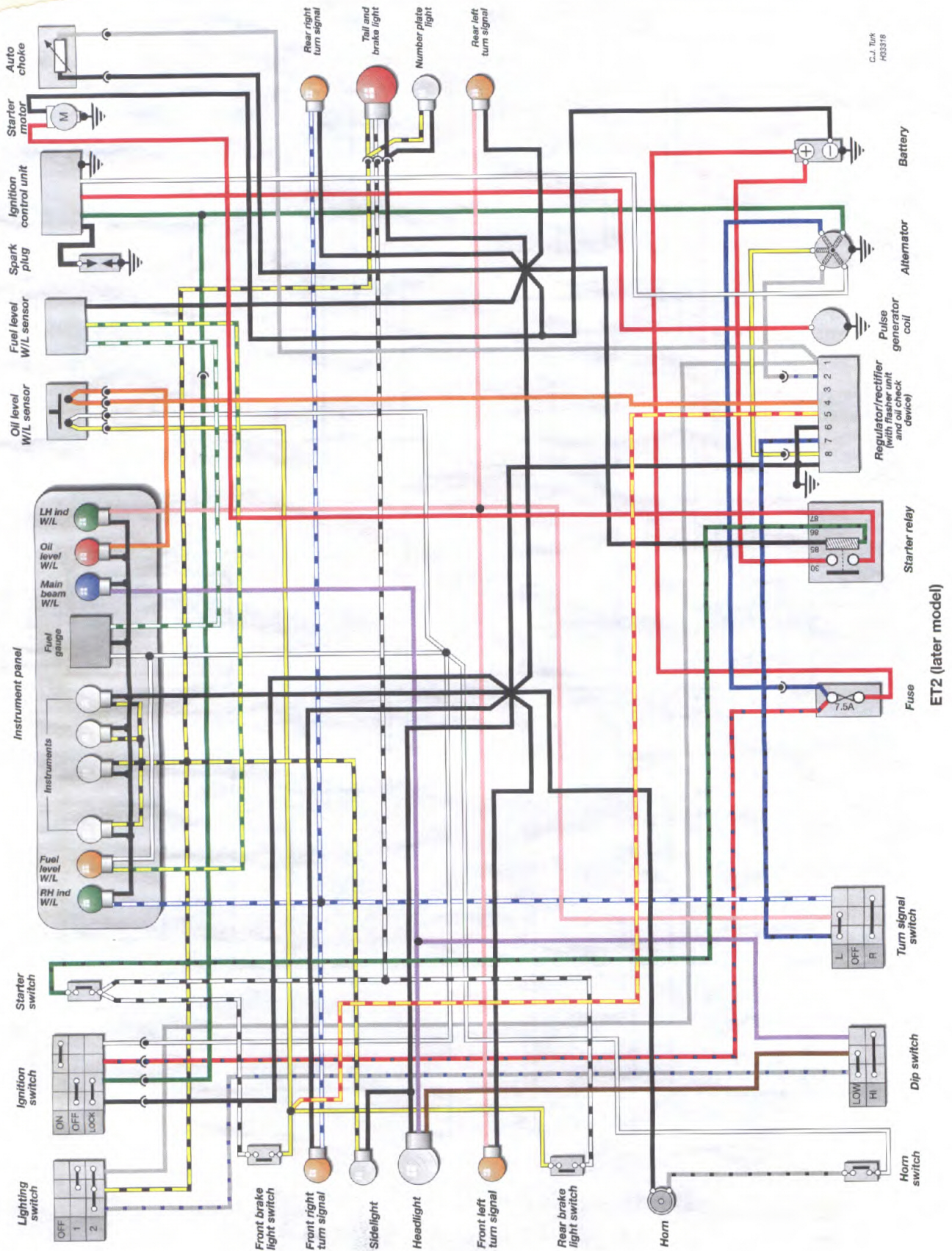
Hexagon model

S. 1. 144
433716



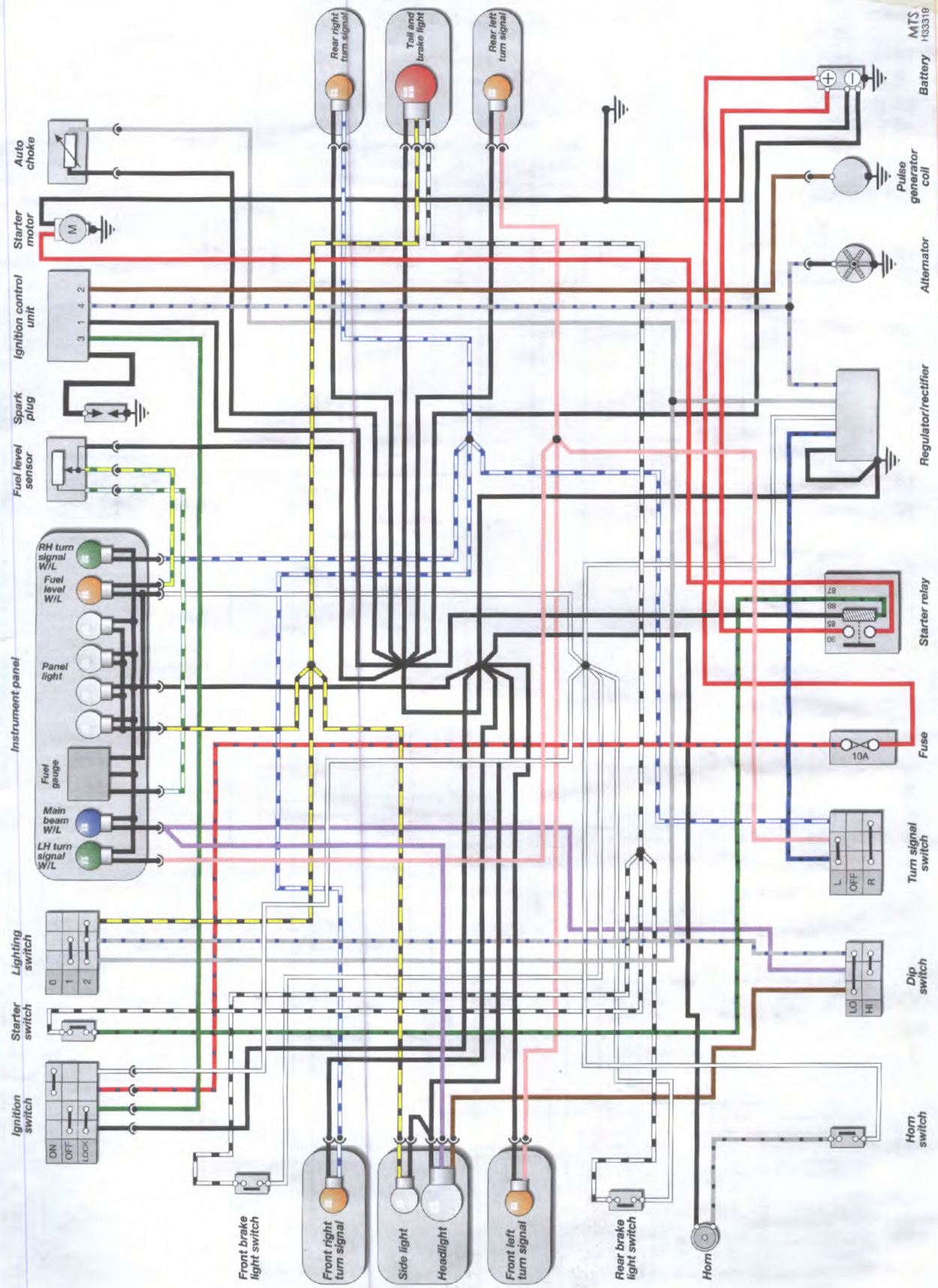
C.L. Turk
H53317

ET2 (early model)



C.J. Turk
H33318

ET2 (later model)



ET4 50 model

MTS H33319

Battery

Pulse generator coil

Alternator

Regulator/rectifier

Starter relay

Fuse

Turn signal switch

Dip switch

Horn switch

Auto choke

Starter motor

Ignition control unit

Spark plug

Fuel level sensor

Instrument panel

Lighting switch

Starter switch

Ignition switch

Front brake light switch

Rear right turn signal

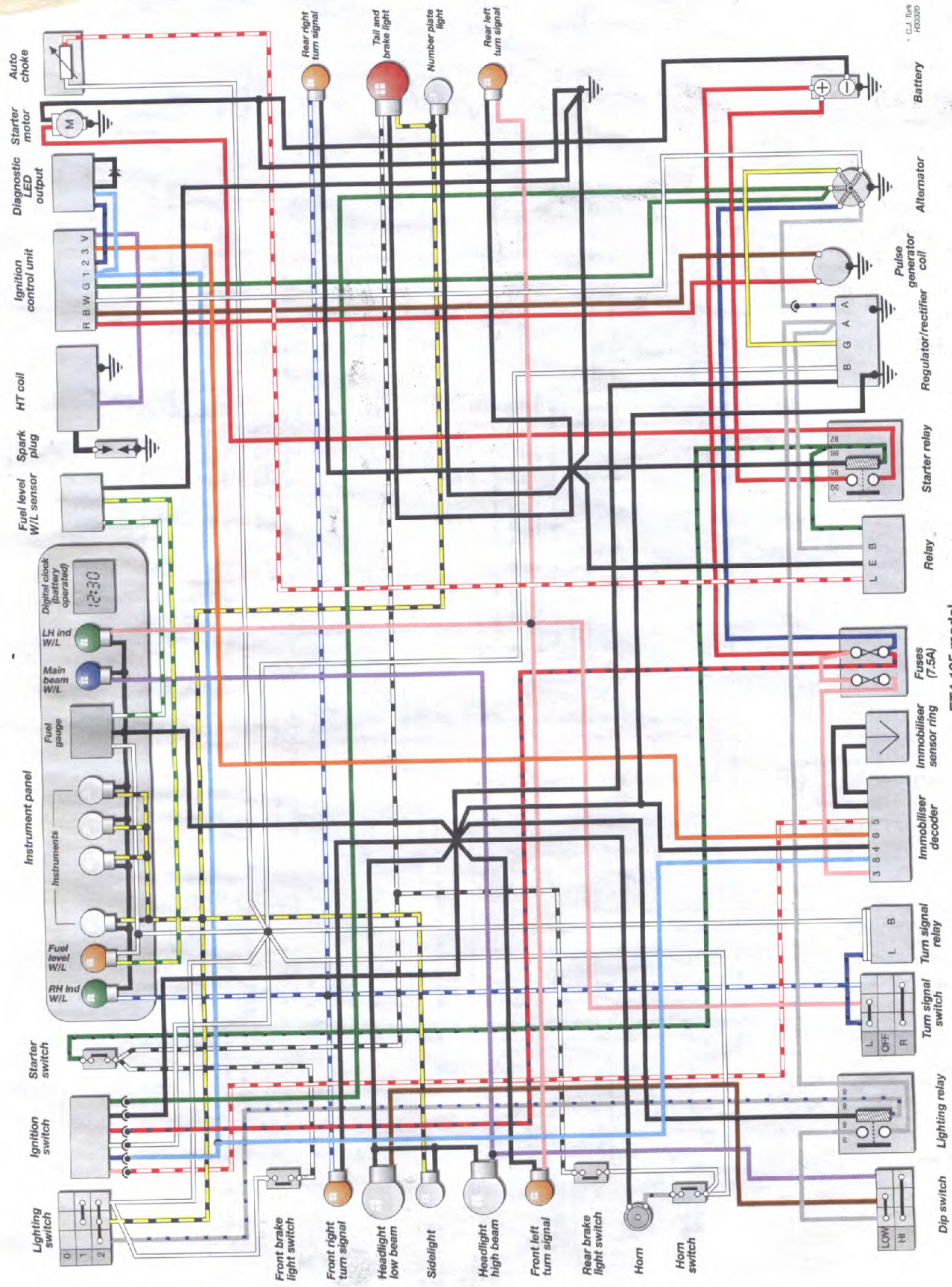
Side light

Headlight

Front left turn signal

Rear brake light switch

Horn



C.I. Tech
743326

ET4 125 model