

H1 RED-BLACK +POWER

J1 PINK-RED TX

H2 PINK-BLACK RX

J2 BLACK GROUND

Lyante® 4 CYL

Premium 5th gen gas conversion LPG/CNG system

OBD
Un=12V

TANK PRESSURE SENSOR



DIAGNOSTIC SOCKET

B3 BROWN



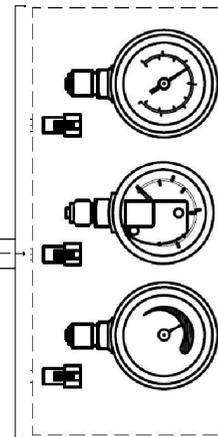
RPM SIGNAL

L1 BLUE BLACK/WHITE

L2 BLACK

TANK SOLENOID VALVE

D2 WHITE
D1 GREEN
L2 BLACK



PIN	DEFINITION	PIN	DEFINITION
A4	CONNECT TO PETROL INJECTOR C	G4	GAS INJECTOR A DRIVER
A3	CONNECT TO PETROL ECU INJ C DRIVER	G3	IGNITION KEY POWER
A2	CONNECT TO PETROL ECU INJ D DRIVER	G2	CHANGE OVER SW GROUND
A1	CONNECT TO PETROL INJECTOR D	G1	CHANGE OVER SW SINGAL
B1	OXYGEN SENSOR OUTPUT	H1	COMMUNICATION POWER
B2	OXYGEN SENSOR INPUT	H2	COMMUNICATION RX
B3	RPM INPUT	H3	OBD6 CAN-
B4	CONNECT TO PETROL INJECTOR B	H4	GAS INJECTOR C DRIVER
C4	CONNECT TO PETROL ECU INJ B DRIVER	J4	GAS INJECTOR B DRIVER
C3	WATER TEMPERATURE SIGANL	J3	OBD14 CANL
C2	WATER TEMPERATURE GROUND	J2	COMMUNICATION GROUND
C1	GAS TEMPERATURE SIGANL	J1	COMMUNICATION TX
D1	TANK PRESSURE SENSOR POWER	K1	GAS INJECTOR POWER
D2	TANK PRESSURE SENSOR SIGNAL	K2	GAS INJECTOR POWER
D3	GAS PRESSURE GROUND	K3	GAS INJECTOR POWER
D4	CONNECT TO PETROL ECU INJ A DRIVER	K4	GAS INJECTOR POWER
E4	CONNECT TO PETROL INJECTOR A	L4	BATTERY -
E3	MAP SENSOR SIGNAL	L3	BATTERY -
E2	GAS PRESSURE SENSOR SIGNAL	L2	TANK SOLENOID VALVE GROUND
E1	GAS PRESSURE SENSOR POWER	L1	TANK SOLENOID VALVE DRIVER
F1	CHANGE OVER SW	M1	REGULATOR DRIVER
F2	CHANGE OVER SW POWER	M2	REGULATOR GROUND
F3	OBD7 ISO9141K	M3	BATTERY +
F4	GAS INJECTOR D DRIVER	M4	BATTERY +

*mpi-ECU 4cyl OBD
Wire Diagram
designed by
LyanteGAS*

Required by 48-OBD ECU

B-Y Pin6 H3 BLUE-YELLOW CANH

F3 GREEN KLINE

R-Y Pin14 J3 RED-YELLOW CANL

CONNECTIONS OBD

Pin7 Green K Signal

Pin6 Blue-Yellow

Pin14 Red-Yellow

CAN Signal

PRESSURE SENSOR

E1 RED-BLACK 5V POWER

C1 ORANGE-BLACK GAS TEMPERATURE

E2 BLUE GAS PRESSURE

E3 YELLOW-RED MAP SENSOR

D3 BLACK GROUND

OPTIONAL

B1 GREY OUTPUT

OXYGEN SENSOR

B2 PURPLE INPUT

ORANGE-BLACK

C3 ORANGE SIGNAL

WATER TEMPERATURE SENSOR

M2 BLACK

M1 BLUE



REGULATOR SOLENOID VALVE

M4/M3 RED +

L4/L3 BLACK -

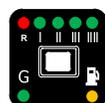
G3 WHITE-RED



IGNITION
+12V po zaplonie
+12V after ignition

GROUND

CHANGE OVER SWITCH



G1 BROWN SIGNAL

F1 BLUE SWITCH

G2 BLACK GROUND

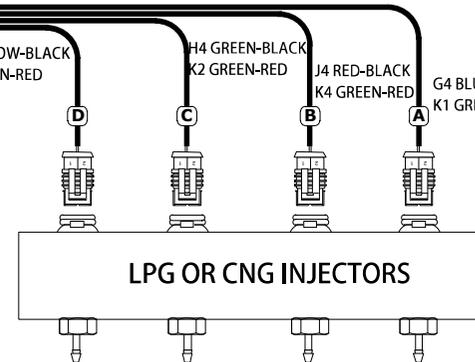
F2 RED +POWER

F4 YELLOW-BLACK
K3 GREEN-RED

H4 GREEN-BLACK
K2 GREEN-RED

J4 RED-BLACK
K4 GREEN-RED

G4 BLUE-BLACK
K1 GREEN-RED



LPG OR CNG INJECTORS

A2 YELLOW-BLACK

A1 YELLOW

A3 GREEN-BLACK

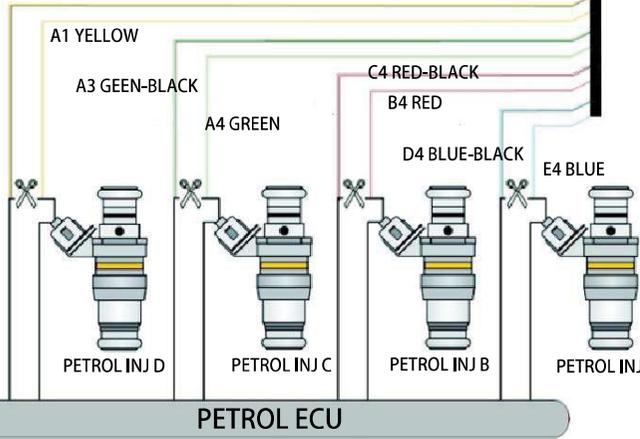
A4 GREEN

C4 RED-BLACK

B4 RED

D4 BLUE-BLACK

E4 BLUE



PETROL INJ D

PETROL INJ C

PETROL INJ B

PETROL INJ A

PETROL ECU

A: Blue
B: Red
C: Green
D: Yellow

