DOWNTOWN 300i ABS WIRING DIAGRAM

KYMCO

FUSE A: 15A WINKER,FR/RR STOP,HORN,METER,STARTER,POSITION,PHONE,FAN MOTOR
FUSE B: 10A KILL SW,ANGLE DETECTOR SENSOR,ABS KEY ON SIGNAL
FUSE C: 25A ABS ECU
FUSE D: 30A CHARGING,ECU,TPMS
FUSE E: 15A HEAD LIGHT,COLCK
FUSE F: 40A ABS MOTOR

OIL CONTROLLER
DIAGNOSTIC TOOL (ECU)
ANGLE DETECT SENSOR
FR STOP SW
ENGINE STOP, STARTER, LIGHTING SW
FR SPEED SENSOR
ABS ECU
RR SPEED SENSOR
FUSE ASSY
COMB SW
LUGGAGE BOX 12V 1.7W
LUGGAGE BOX LIGHT SW
FUEL UNIT
DC POWER SOCKET
SIDE STAND SW
THROTTLE BODY
MAP
TPS
FUEL PUMP RELAY
START MAG
12V 10AH BATTERY
STARTER MOTOR
FUEL PUMP
ECU RELAY
RH RR WINKER 12V 10W
TAIL/STOP LIGHT 12V 21/5W
LH RR WINKER 12V 10W
LICENCE LIGHT 12V 5W
O2 SENSOR
FUEL INJ

PCB
V+(PCB)
GND(PCB)
+5V (OUTPUT)
GND(TEMP)
TEMP
V+(CLK)
TEMP METER
SPEED METER
TACHO METER
FUEL METER
CLOCK & ODO & TRIP METER (LCD)
MET-IN LED-RED
HIGH BEAM LED-BLUE
FUEL-EMPTY LED-ORANGE
TURN R LED-GREEN
TURN L LED-GREEN
ILLUMS LED-WHITE
SIDE STAND LED-RED
OIL PILOT LED-RED
ABS LED-RED
BAT. VOLTAGE LED-RED
OIL SERVICE LED-RED
ENG CHECK LED-RED
ABS
FUEL
METER

BR/L
G/B(1)
V/R2
G/W(2)
G/L1
R/GR
B/Y
Y/W
R/Y
G/R
L(2)
SB
O
BR
W2
P1
L/W
L/R2

FR POSITION 12V 5W
HEAD LIGHT(HIGH BEAM) 12V 35W
HEAD LIGHT(LOW BEAM) 12V 35W
LH FR WINKER 12V 21W
LO-BEAM RELAY
HI-BEAM RELAY
WINKER RELAY
HORN
RR STOP SW
HORN,WINKER, DIMMER,PASSING SW
FILLER CAP
FAN MOTOR
EMI FILTER
THERMO UNIT(METER)
OIL PRESSURE SW
THERMO SW
WATER TEMP(ECU)
SPARK PLUG
IGN. COIL
REG RECT ASS'Y
ACG
PULSER
ECU
IGNITION COIL
FUEL INJECTOR
IGNITION MODULE
(LOGIC GND)
(POWER GND)
(METER GND)
(ABS ECU GND)
(ABS MOTOR GND)

PASSING SW

	BAT4	HI
FREE		
PUSH	○	○
COLOR	BR/L	L

STARTER SW

	E	ST
FREE		
PUSH	○	○
COLOR	G	Y/R

ENGINE STOP SW

	IG	BAT3
OFF		
RUN	○	○
COLOR	B/W	B/G

HORN SW

	BAT4	HO
FREE		
PUSH	○	○
COLOR	BR/L	LG

WINKER SW

	WR	R	L
R	○		
N			
L			○
COLOR	GR	SB	O

DIMMER SW

	HL	HI	LO
LO			○
(N)		○	
HI	○		
COLOR	W/L	L	W

COMB SW

	BAT2	IG	E	BAT1	HA
LOCK		○	○		
OFF		○	○		
ON	○			○	○
COLOR	B	B/W	G	R	B/L

LIGHTING SW

	BAT3	PO	TL	HL
•				
P	○		○	○
(N)		○		
H	○		○	○
COLOR	BR/L	BR/W	BR	W/L

PIN NO.	NAME	FUNCTION	PIN NO.	NAME	FUNCTION
01	IGP	IGNITION POWER	19	BAT	BATTERY
02	ROLL	ROLL SENSOR	20	TEST	TEST SW
03	CRK-P	CRANK PULSE SENSOR	21	MIL	MALFI INDICATOR LAMP
04	——	——	22	TW	WATER TEMP. SENSOR
05	TH	THROTTLE POSITION SENSOR	23	——	——
06	PIM	MANIFOLD PRESSURE SENSOR	24	SG	SENSOR GROUND
07	HEGO	HEGO SENSOR	25	——	——
08	LG	LOGIC GROUND	26	——	——
09	CRK-M	CRANK PULSE SENSOR GND	27	——	——
10	K-LINE	DIAGNOSTIC TOOL	28	——	——
11	FUPR	FUEL PUMP RELAY	29	——	——
12	——	——	30	——	——
13	VCC	SENSOR POWER OUTPUT(+5V)	31	ISCAN	IDLE SPEED CONTROL / A
14	ISCBP	IDEL SPEED CONTROL B	32	ISCBN	IDEL SPEED CONTROL / B
15	ISCAP	IDEL SPEED CONTROL A	33	NE	METER
16	INJ	INJECTION	34	——	——
17	HEGO HT	HEGO SENSOR HAWER	35	PG1	POWER GROUND 1
18	IG	IGNITION COIL	36	PG2	POWER GROUND 2