

# 2017 SLINGSHOT ENGINE SCHEMATIC

FILE NAME: 241351

WIRE COLOR LEGEND	
BG	BEIGE (TAN)
BK	BLACK
BL	LIGHT BLUE
DB	DARK BLUE
BN	BROWN
GY	GRAY
GM	LIGHT GREEN
DG	DARK GREEN
OG	ORANGE
PK	PINK
RD	RED
VT	VIOLET (PURPLE)
WH	WHITE
YE	YELLOW
CL	CLEAR

TWO WIRE COLORS ARE SHOWN WITH MAIN TRACE COLORS. EXAMPLE: RD/YE = RED WITH YELLOW TRACE.

**E** ENGINE GROUND  
**C/G** CHASSIS GROUND

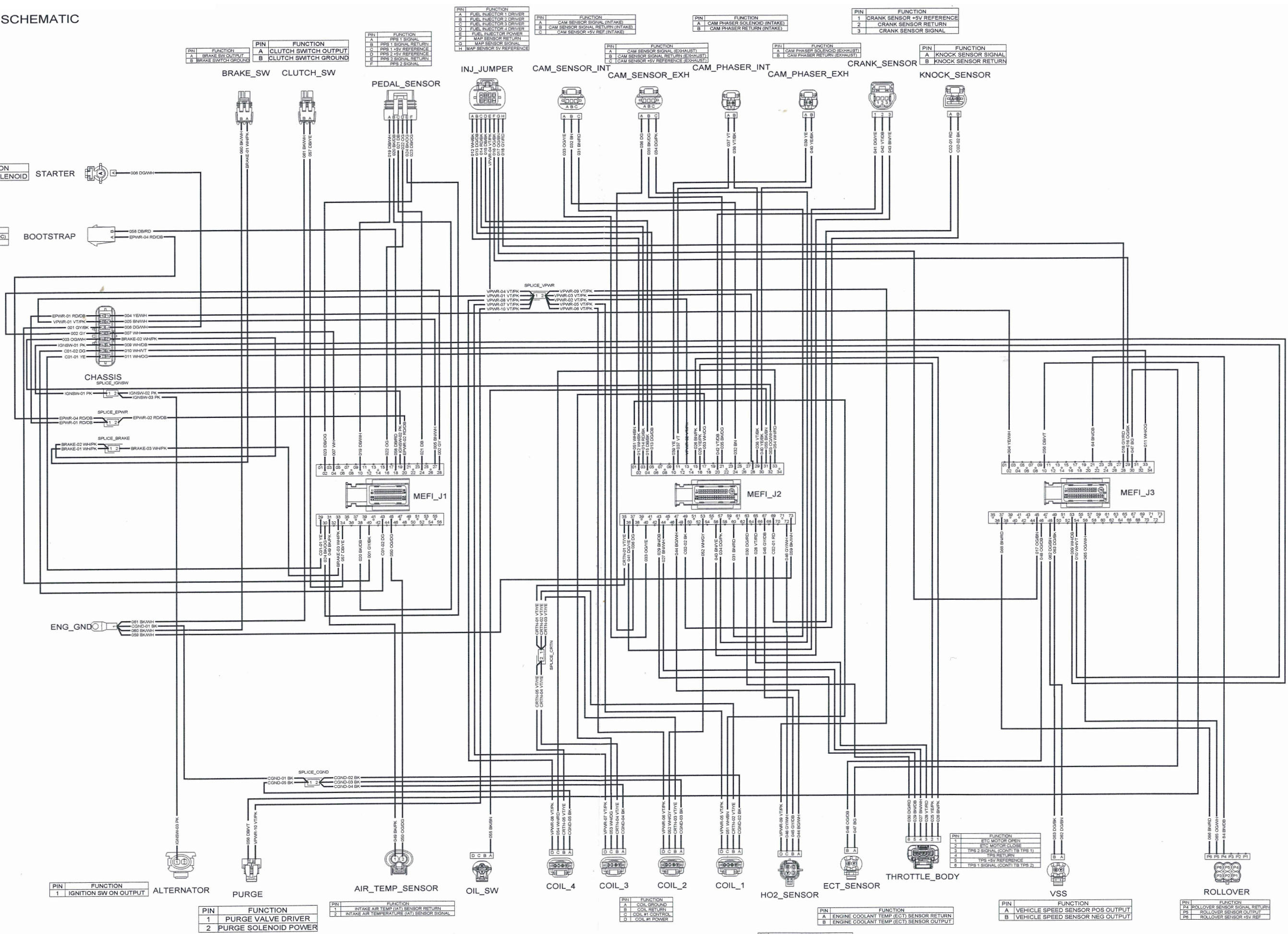
NC = SWITCH NORMALLY CLOSED  
NO = SWITCH NORMALLY OPEN

HARNESS: 241351-01

PIN	FUNCTION
A	STARTER SOLENOID

PIN	FUNCTION
A	ECM FUSE OUTPUT (CONSTANT +12VDC) BOOTSTRAP

PIN	FUNCTION
A	ECM FUSE OUTPUT (CONSTANT +12VDC)
B	POWERTRAIN RELAY OUTPUT
C	POWERTRAIN RELAY CONTROL
D	FUEL PUMP RELAY CONTROL
E	FAN RELAY CONTROL
F	IGNITION SW ON OUTPUT
G	CAN LOW
H	CAN HIGH
J	START SWITCH OUTPUT
K	STARTER RELAY CONTROL
L	STARTER SOLENOID
M	REVERSE SW OUTPUT
N	BRAKE SW OUTPUT
P	CRUISE SW CHANGE OUTPUT
R	CRUISE SW REVERSE OUTPUT
S	CRUISE SW SET/RESET OUTPUT



PIN	FUNCTION
A	CLUTCH SWITCH OUTPUT
B	CLUTCH SWITCH GROUND

PIN	FUNCTION
A	PPS 1 SIGNAL
B	PPS 1 SIGNAL RETURN
C	PPS 2 SIGNAL
D	PPS 2 SIGNAL RETURN
E	PPS 3 SIGNAL
F	PPS 3 SIGNAL RETURN

PIN	FUNCTION
A	FUEL INJECTOR 1 DRIVER
B	FUEL INJECTOR 2 DRIVER
C	FUEL INJECTOR 3 DRIVER
D	FUEL INJECTOR 4 DRIVER
E	FUEL INJECTOR POWER
F	MAP SENSOR RETURN
G	MAP SENSOR SIGNAL
H	MAP SENSOR 5V REFERENCE

PIN	FUNCTION
A	CAM SENSOR SIGNAL (INTAKE)
B	CAM SENSOR SIGNAL RETURN (INTAKE)
C	CAM SENSOR 5V REF (INTAKE)

PIN	FUNCTION
A	CAM PHASER SOLENOID (INTAKE)
B	CAM PHASER RETURN (INTAKE)

PIN	FUNCTION
A	CAM PHASER SOLENOID (EXHAUST)
B	CAM PHASER SIGNAL RETURN (EXHAUST)
C	CAM SENSOR 5V REFERENCE (EXHAUST)

PIN	FUNCTION
1	CRANK SENSOR +5V REFERENCE
2	CRANK SENSOR RETURN
3	CRANK SENSOR SIGNAL

PIN	FUNCTION
A	KNOCK SENSOR SIGNAL
B	KNOCK SENSOR RETURN

PIN	FUNCTION
1	IGNITION SW ON OUTPUT

PIN	FUNCTION
1	PURGE VALVE DRIVER
2	PURGE SOLENOID POWER

PIN	FUNCTION
1	INTAKE AIR TEMP (IAT) SENSOR RETURN
2	INTAKE AIR TEMPERATURE (IAT) SENSOR SIGNAL

PIN	FUNCTION
A	COIL GROUND
B	COIL RETURN
C	COIL #1 CONTROL
D	COIL #1 POWER

PIN	FUNCTION
A	ENGINE COOLANT TEMP (ECT) SENSOR RETURN
B	ENGINE COOLANT TEMP (ECT) SENSOR OUTPUT

PIN	FUNCTION
A	HEATED OXYGEN (HO2) SENSOR RETURN
B	HEATED OXYGEN (HO2) SENSOR OUTPUT
C	HEATED OXYGEN (HO2) SENSOR OUTPUT
D	OXYGEN SENSOR HEATER POWER

PIN	FUNCTION
A	VEHICLE SPEED SENSOR POS OUTPUT
B	VEHICLE SPEED SENSOR NEG OUTPUT

PIN	FUNCTION
P1	ROLLOVER SENSOR SIGNAL RETURN
P2	ROLLOVER SENSOR OUTPUT
P3	ROLLOVER SENSOR +5V REF