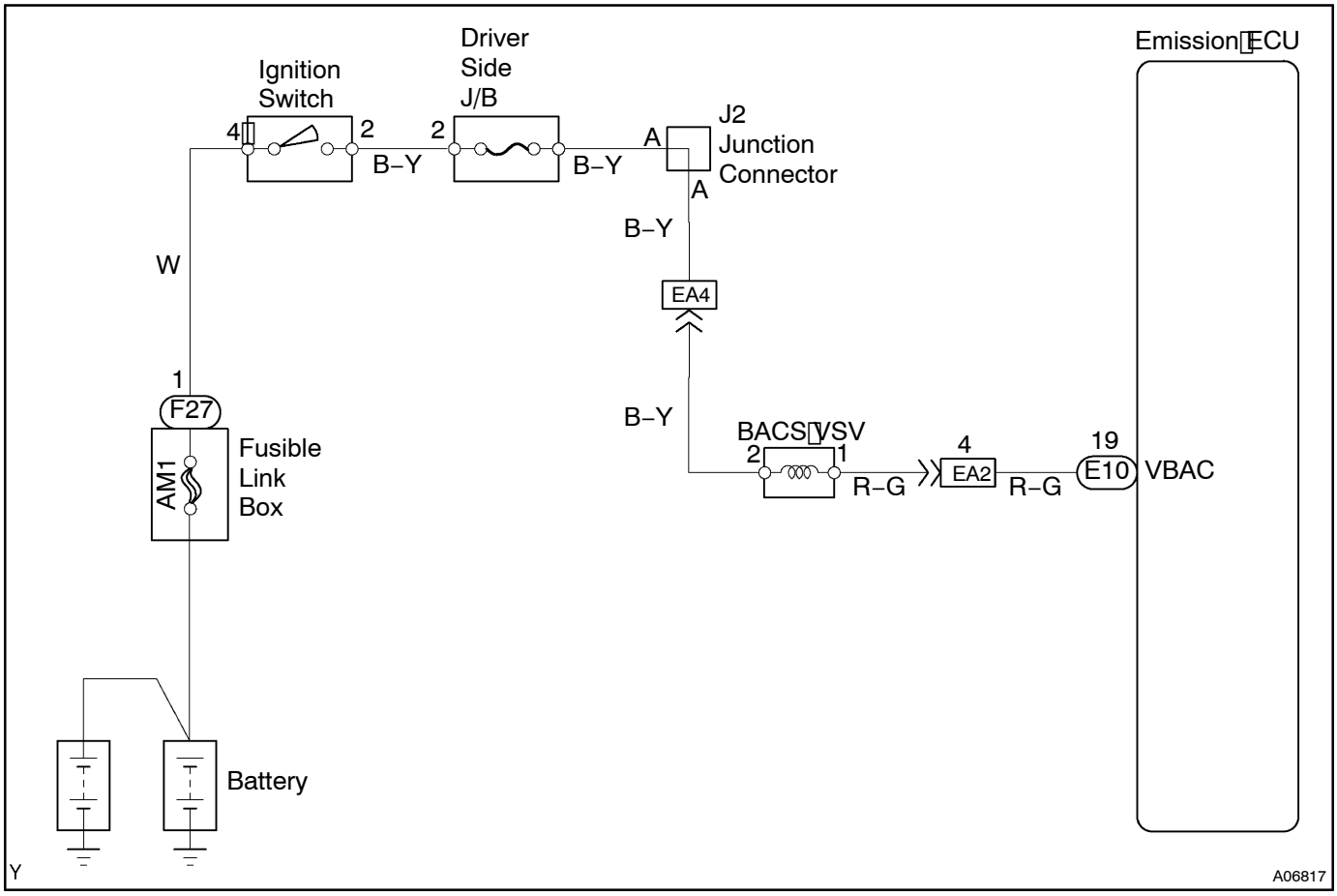
DI3UP–01

BACS Control Circuit

CIRCUIT DESCRIPTION

To reduce the immoderate smoke caused by the rapid acceleration from under EGR operation condition. Control must be done by the emission ECU and must do the injection quantity loss control together by using the height supplement.

WIRING DIAGRAM



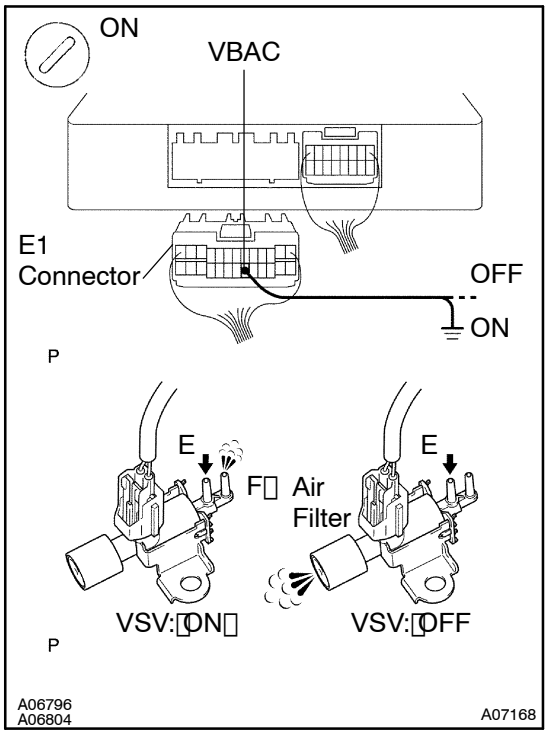
INSPECTION PROCEDURE

1	Check resistance of VSV for BACS. (See page EC–5)

NG → Replace the VSV for BACS.

OK

2	Check the VSV for BACS.



PREPARATION:

(a) Disconnect the emission ECU.
(See page EC–10)

(b) Disconnect the "E1" connector of emission ECU.

(c) Turn ignition switch ON.

CHECK:

Check VSV function.

(a) Connect between terminal VBAC of emission ECU and body ground (VSV is ON).

(b) Disconnect between terminal VBAC of emission ECU and body ground (VSV is OFF).

OK:

VSV is ON:
Air from pipe E flows out through the pipe F.
VSV is OFF:
Air from pipe E flows out through the air filter.

NG	Check and replace emission ECU. (See page EC–10)

OK

3	Check for open and short in harness and connector between emission ECU and VSV for BACS. (See page EC–10)

NG	Repair harness or connector.

OK

Replace VSV for BACS.