

MANUAL PARA VIRGINIZAR, PROGRAMAR Y CAMBIAR NUMERO DE SERIE. LINEA



DIVISIÓN
CREATIVOS

OPEL

*CHEVY, CORSA, MERIVA Y
TORNADO*

UTILIZANDO OP-COM



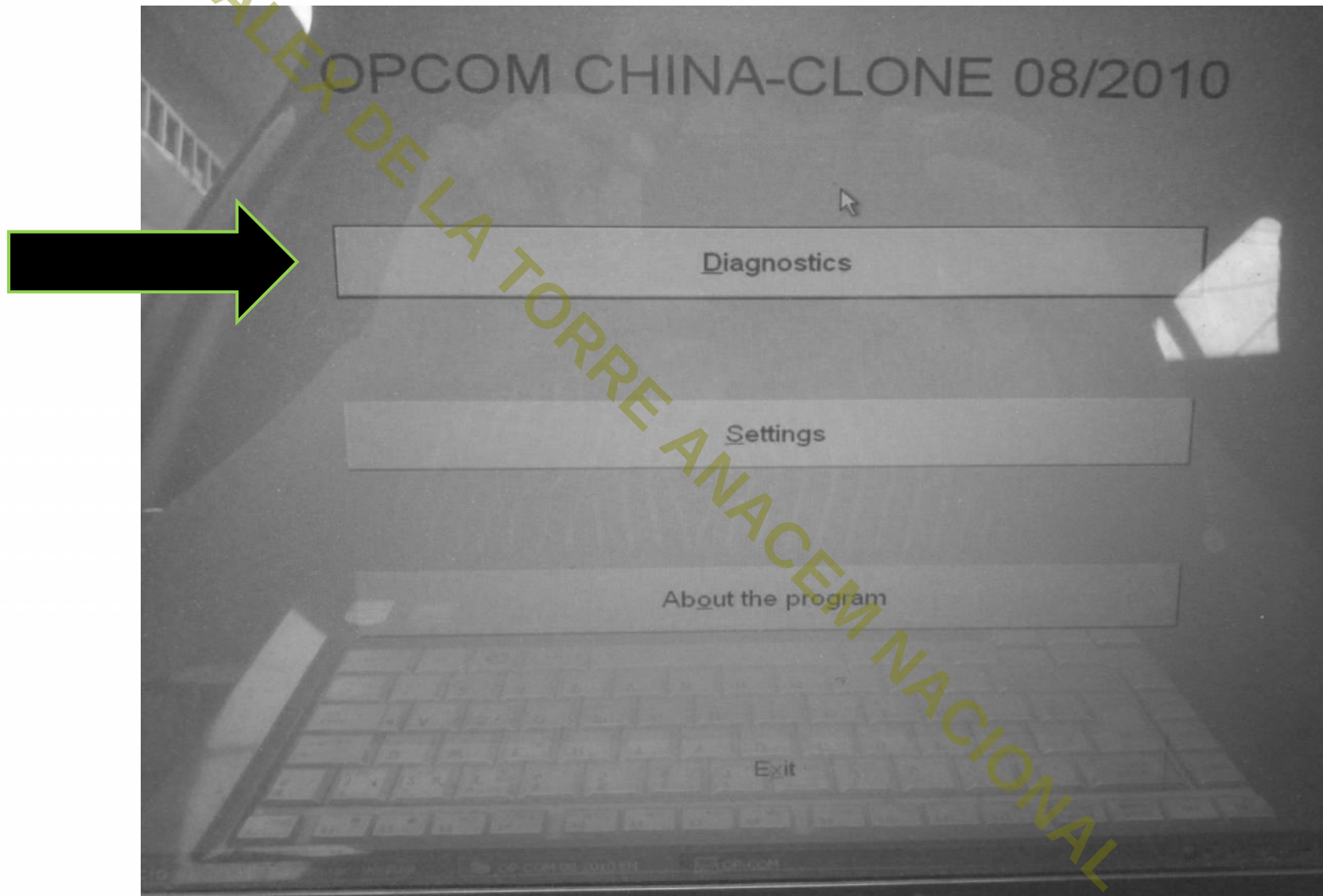
OP-COM

PROCEDIMIENTO PARA VIRGINIZAR EL TABLERO



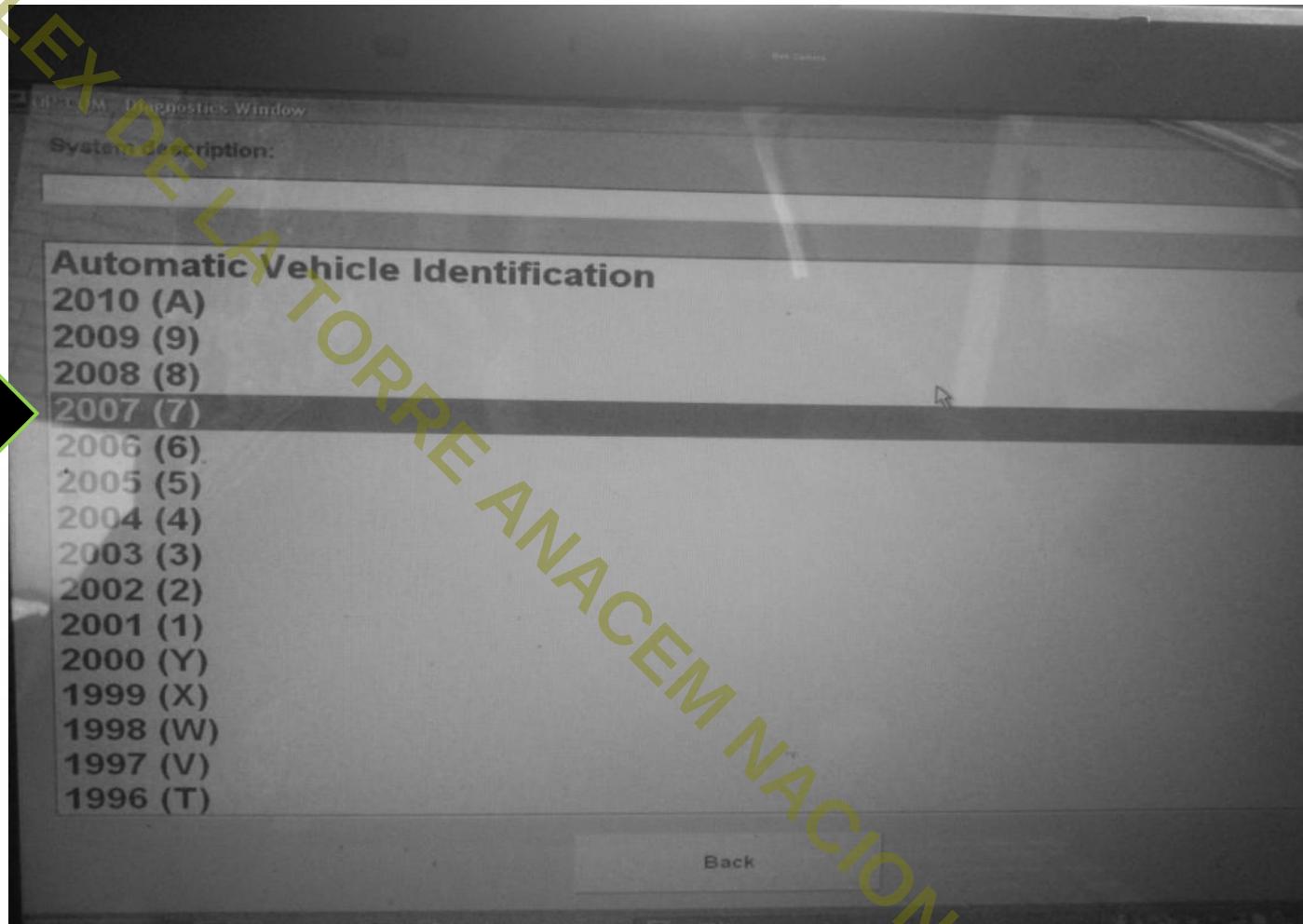
PASO 1

SELECCIONAR "DIAGNOSTICO"



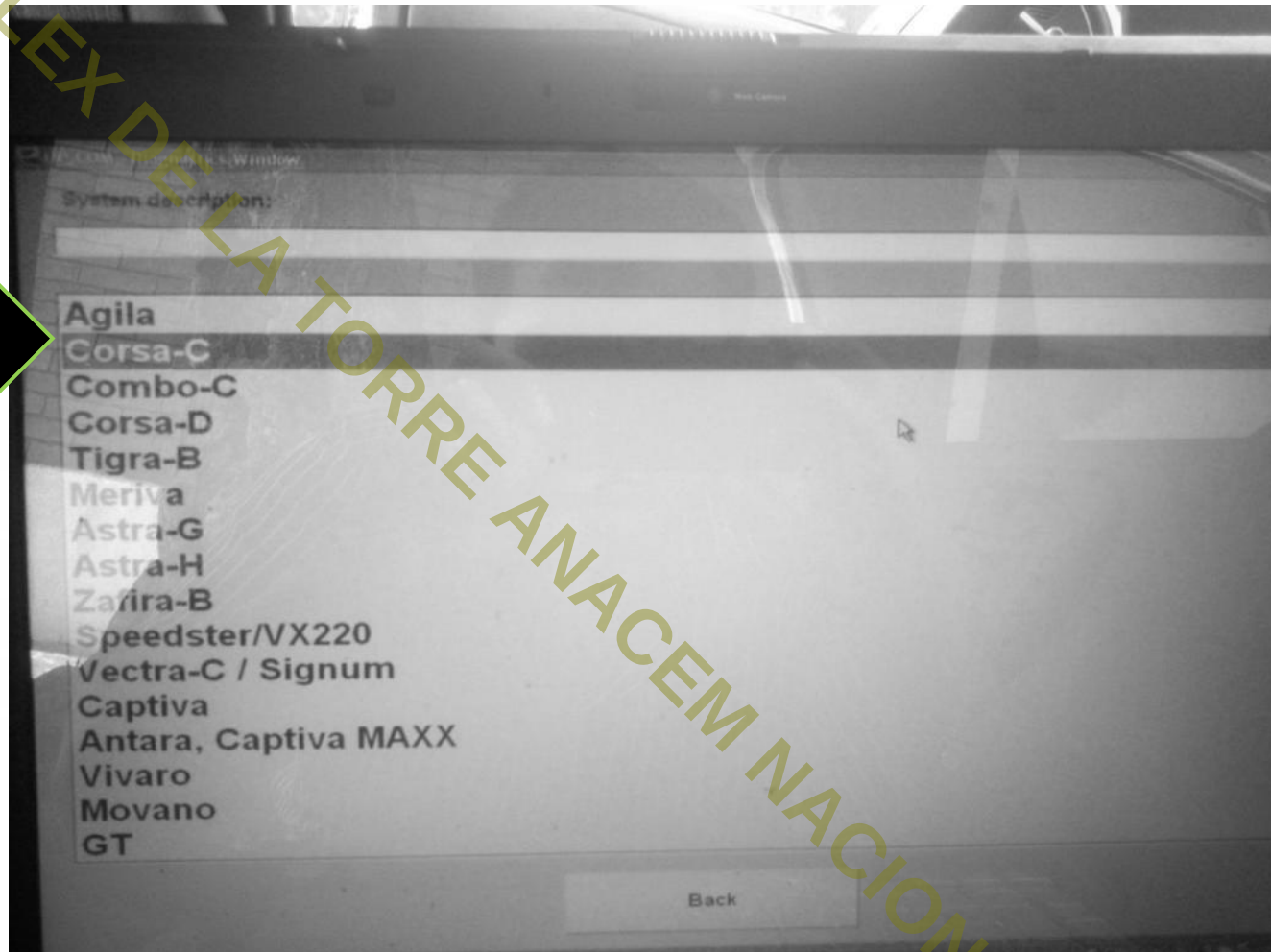
PASO 2

SELECCIONAR "AÑO"



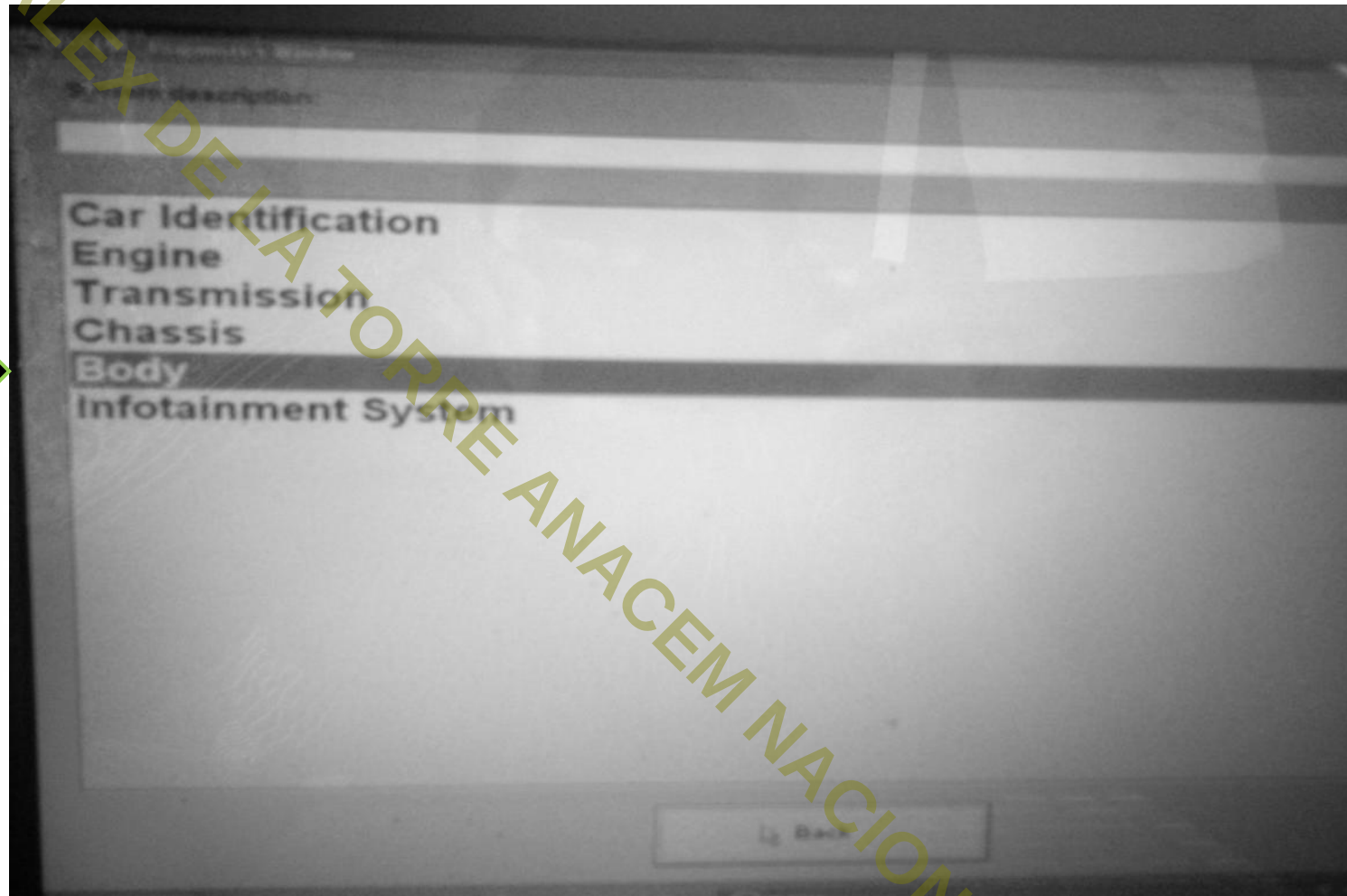
PASO 3

SELECCIONAR "TIPO"



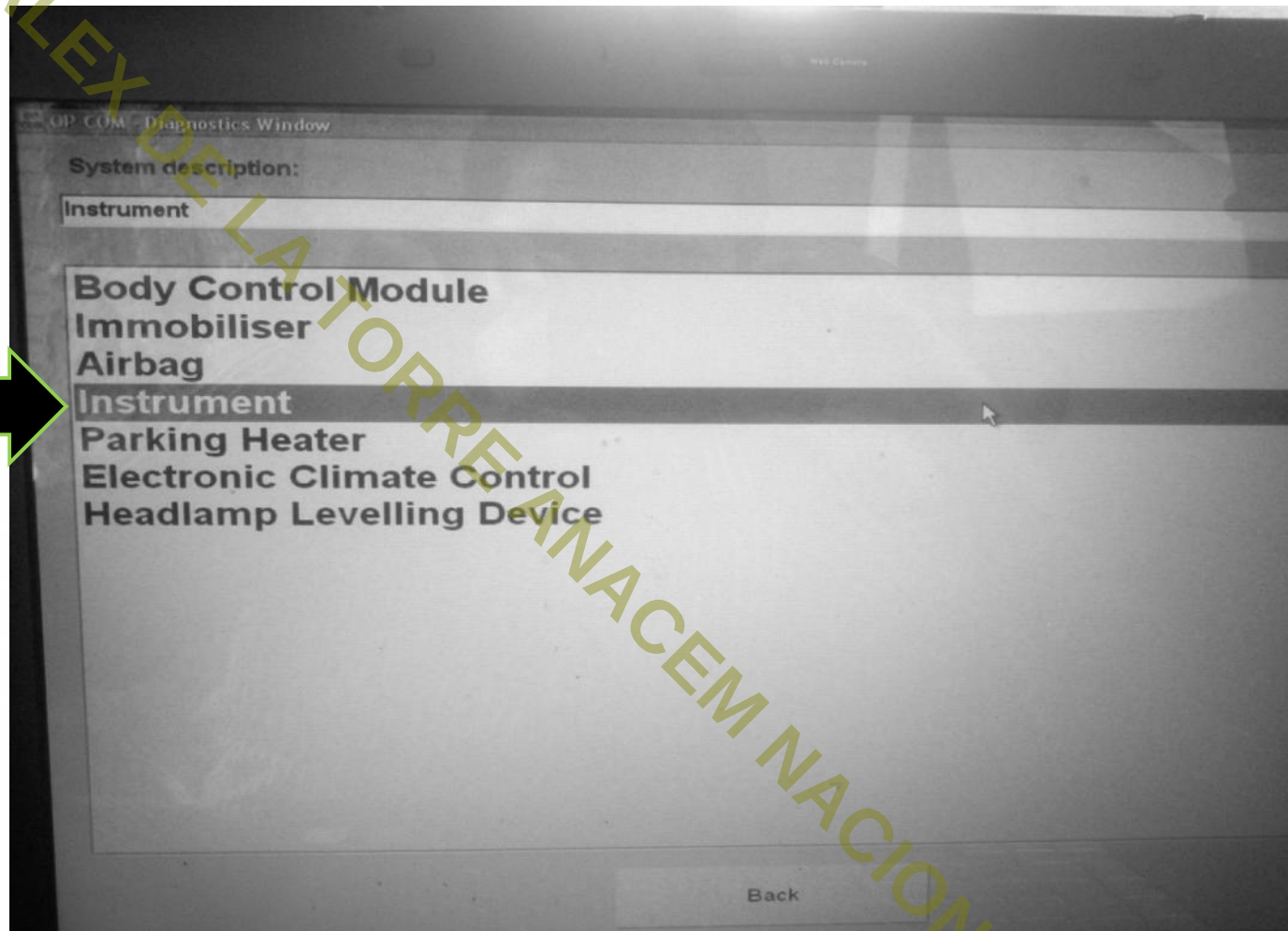
PASO 4

SELECCIONAR "BODY"



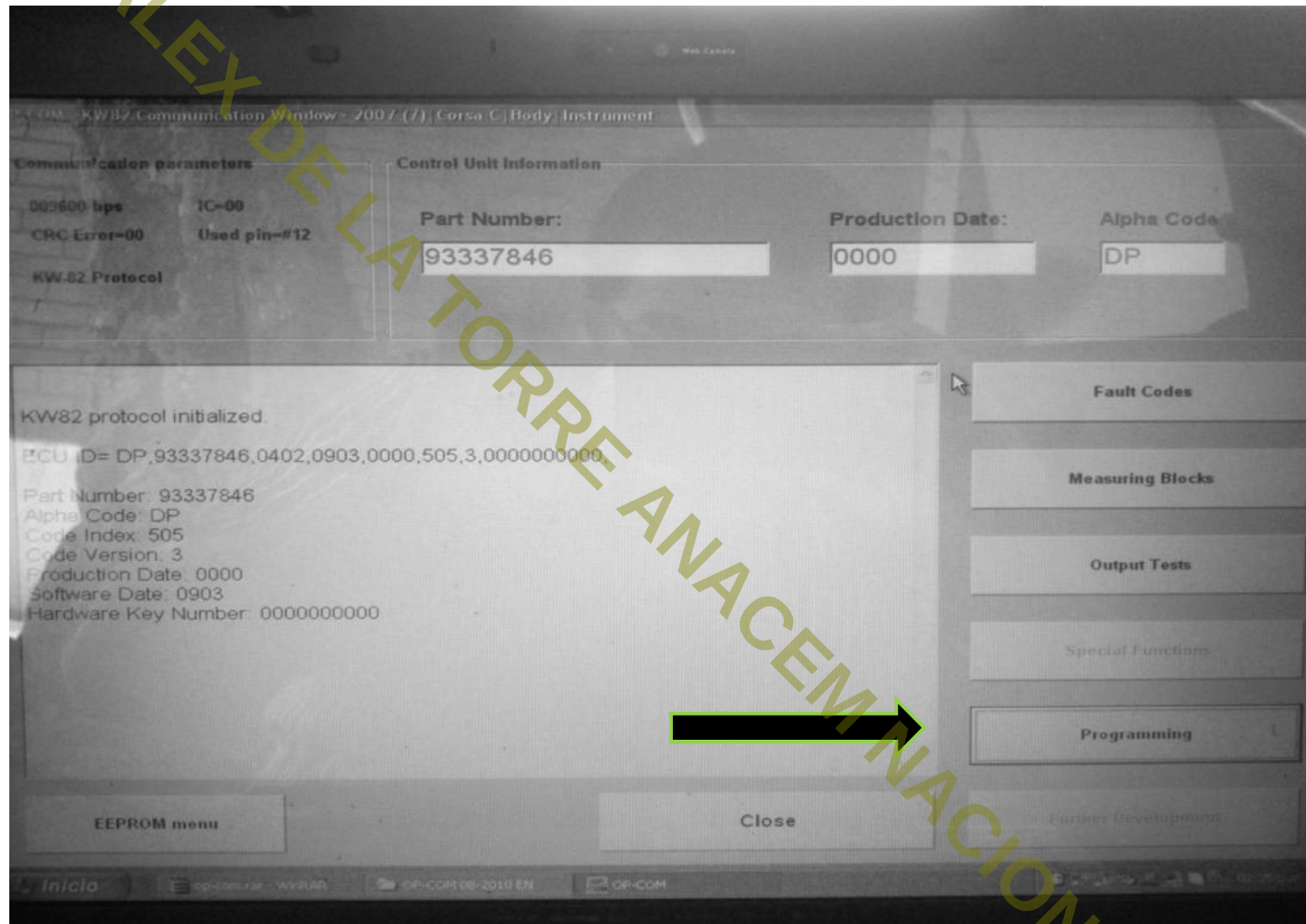
PASO 5

SELECCIONAR "INSTRUMENTS"



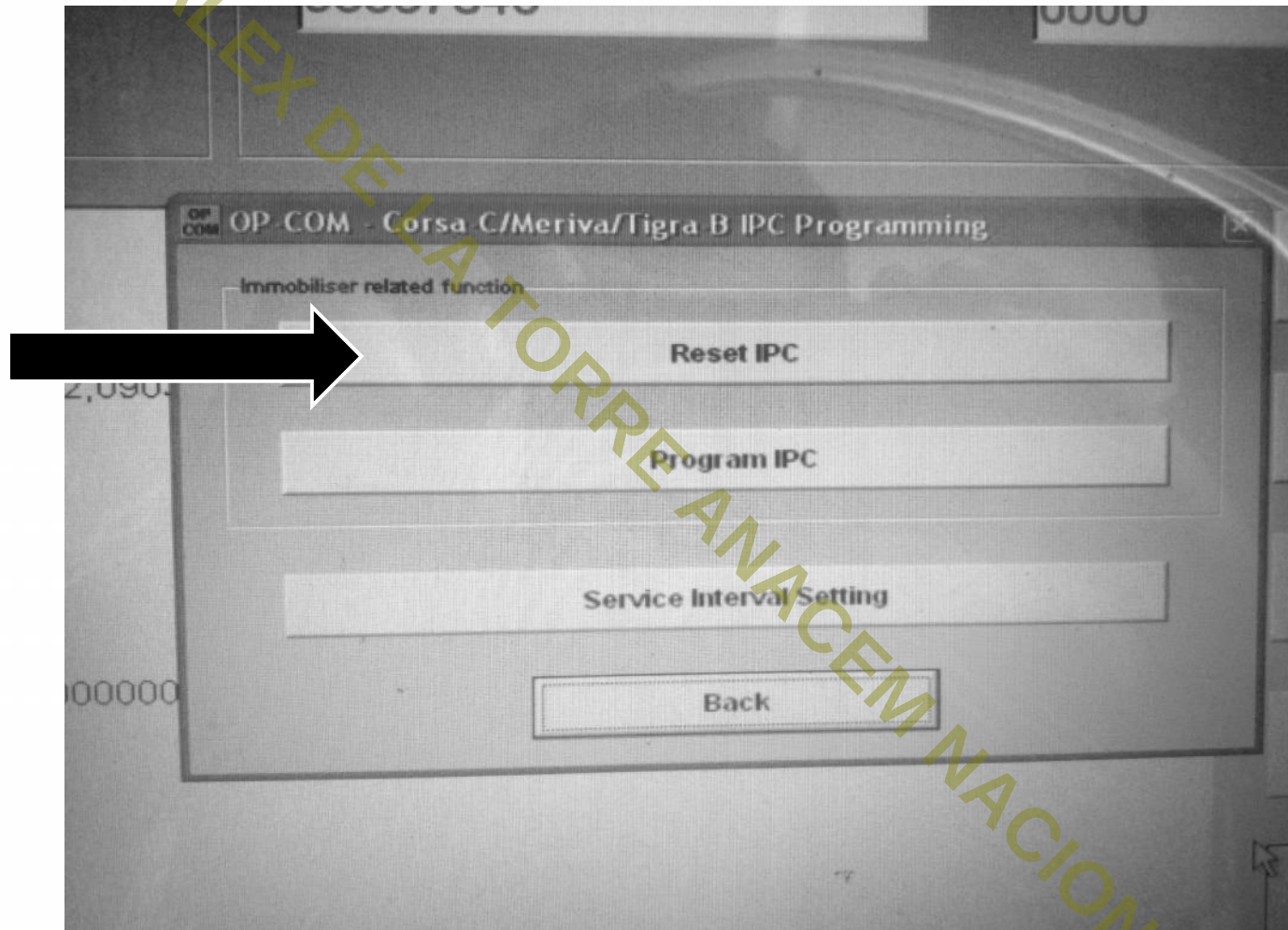
PASO 6

SELECCIONAR "PROGRAMING"



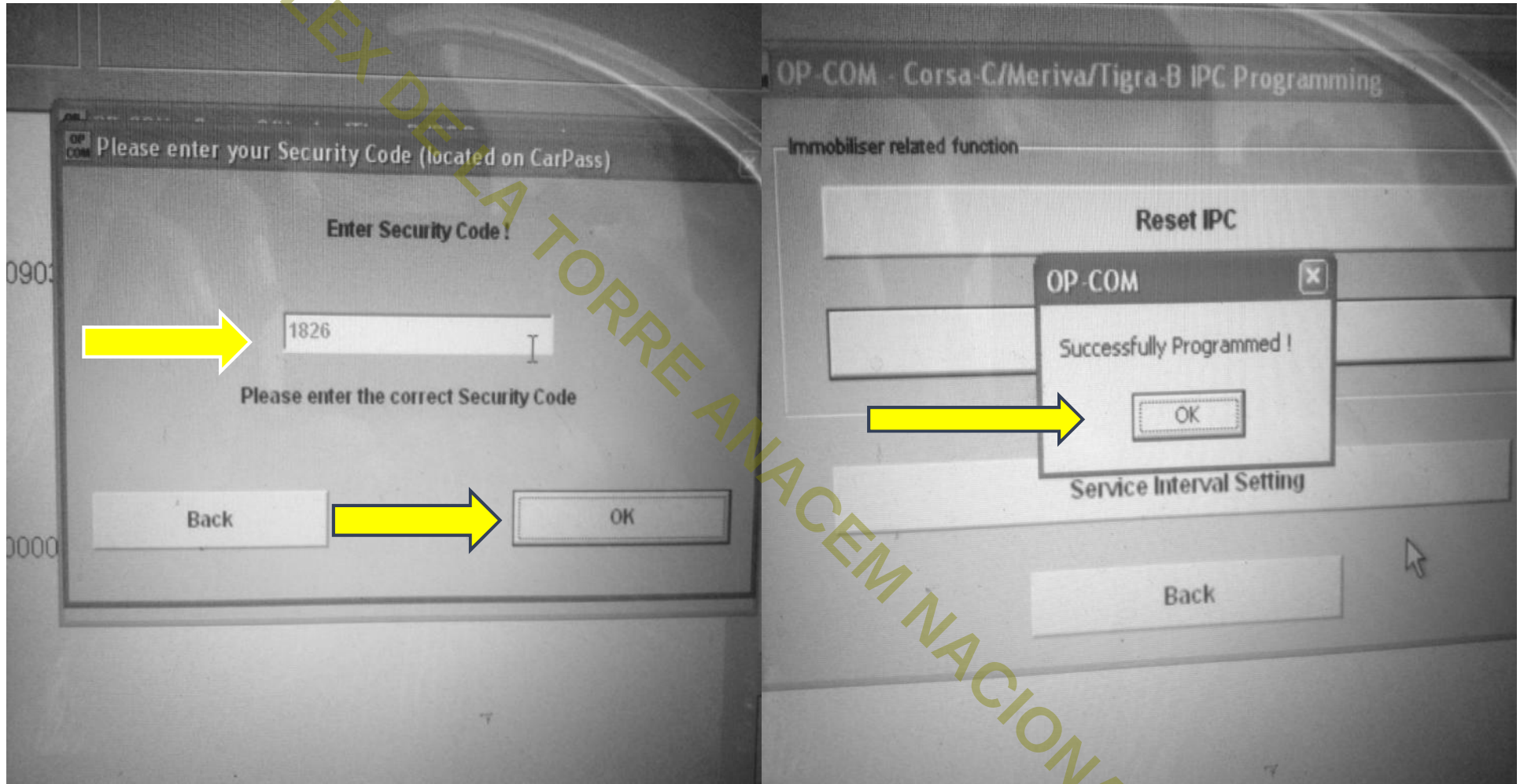
PASO 7

SELECCIONAR "RESET IPC"

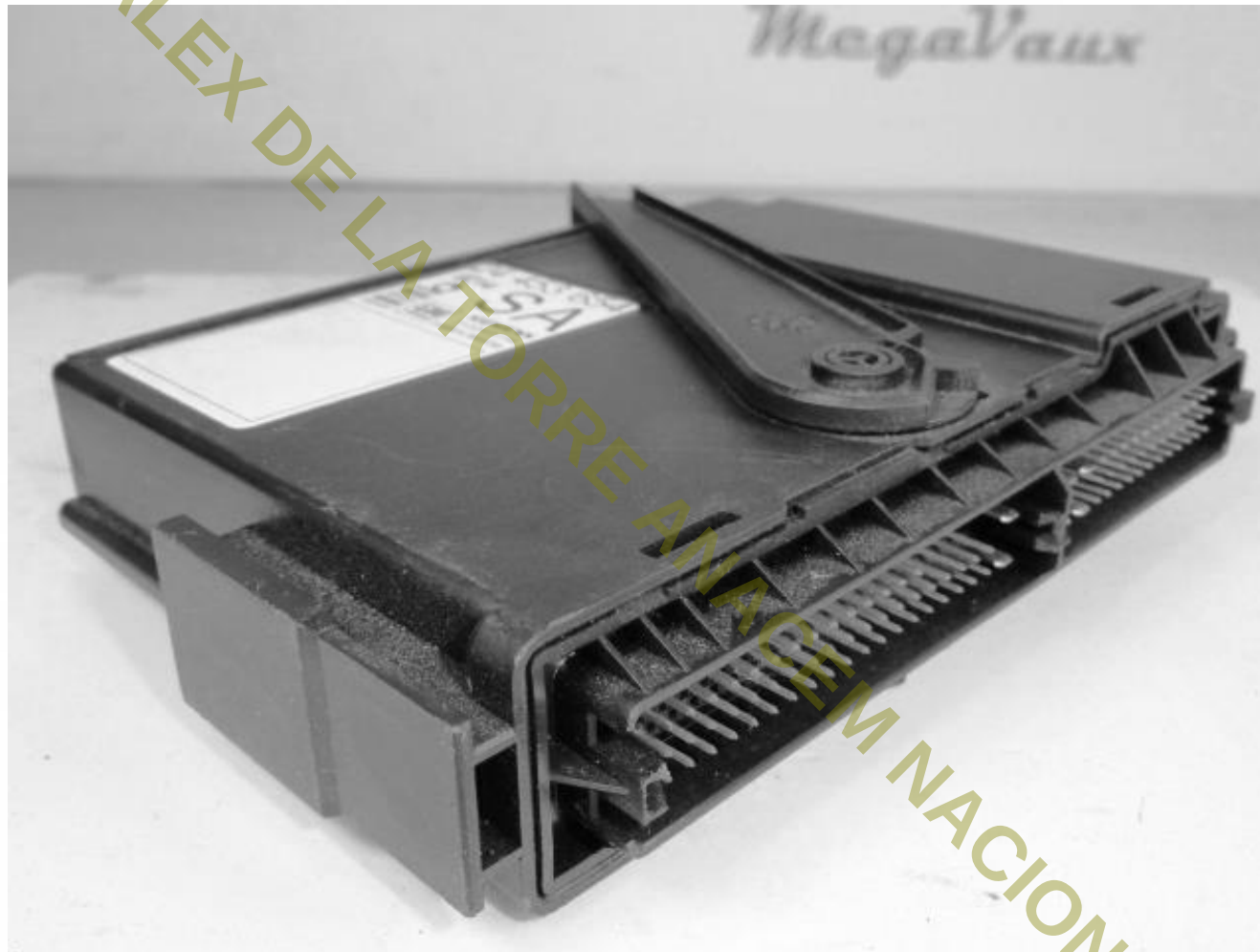


PASO 8

INGRESAR EL NUMERO SECRETO Y SELECCIONAR "OK"

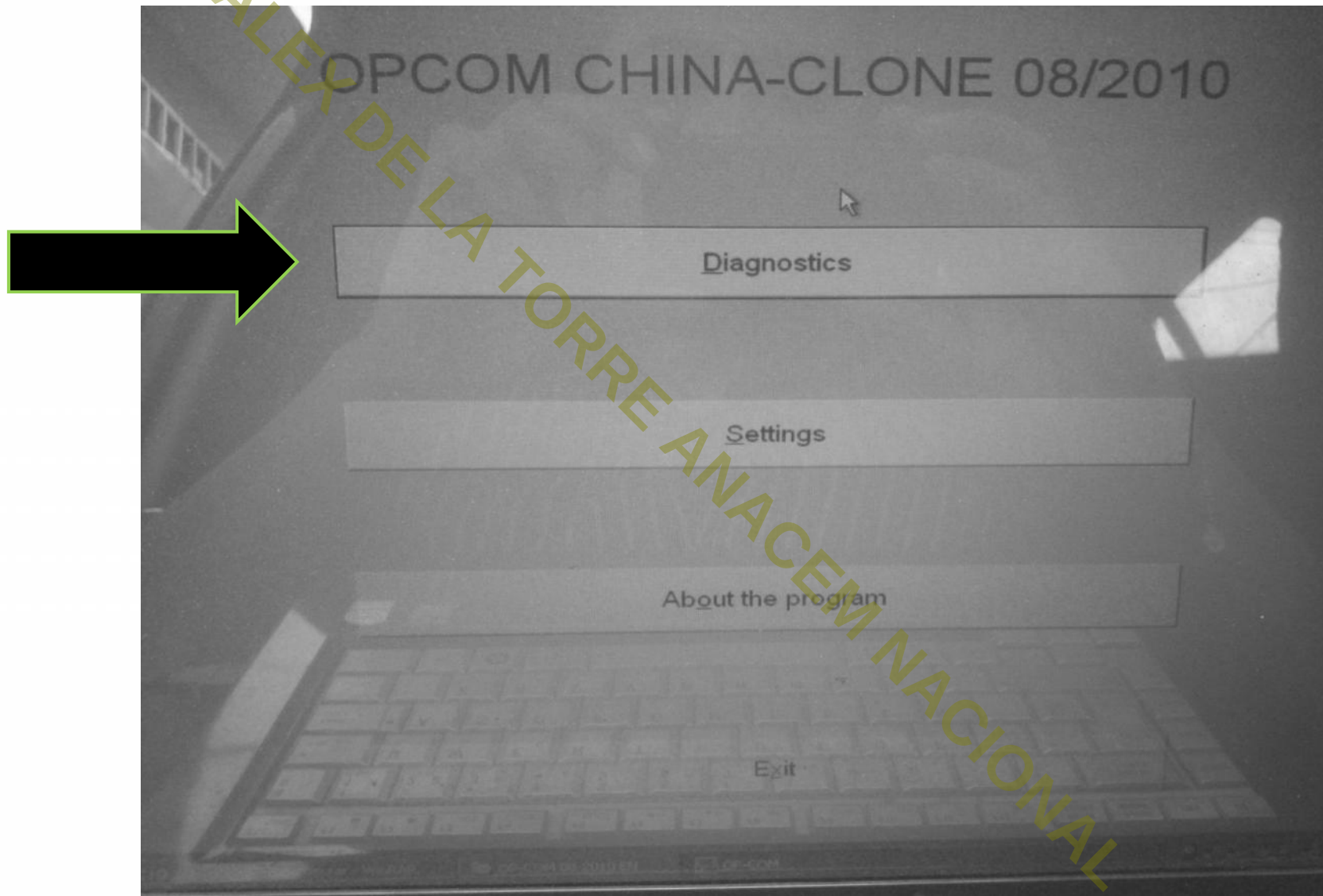


PROCEDIMIENTO PARA VIRGINIZAR EL "BODY"



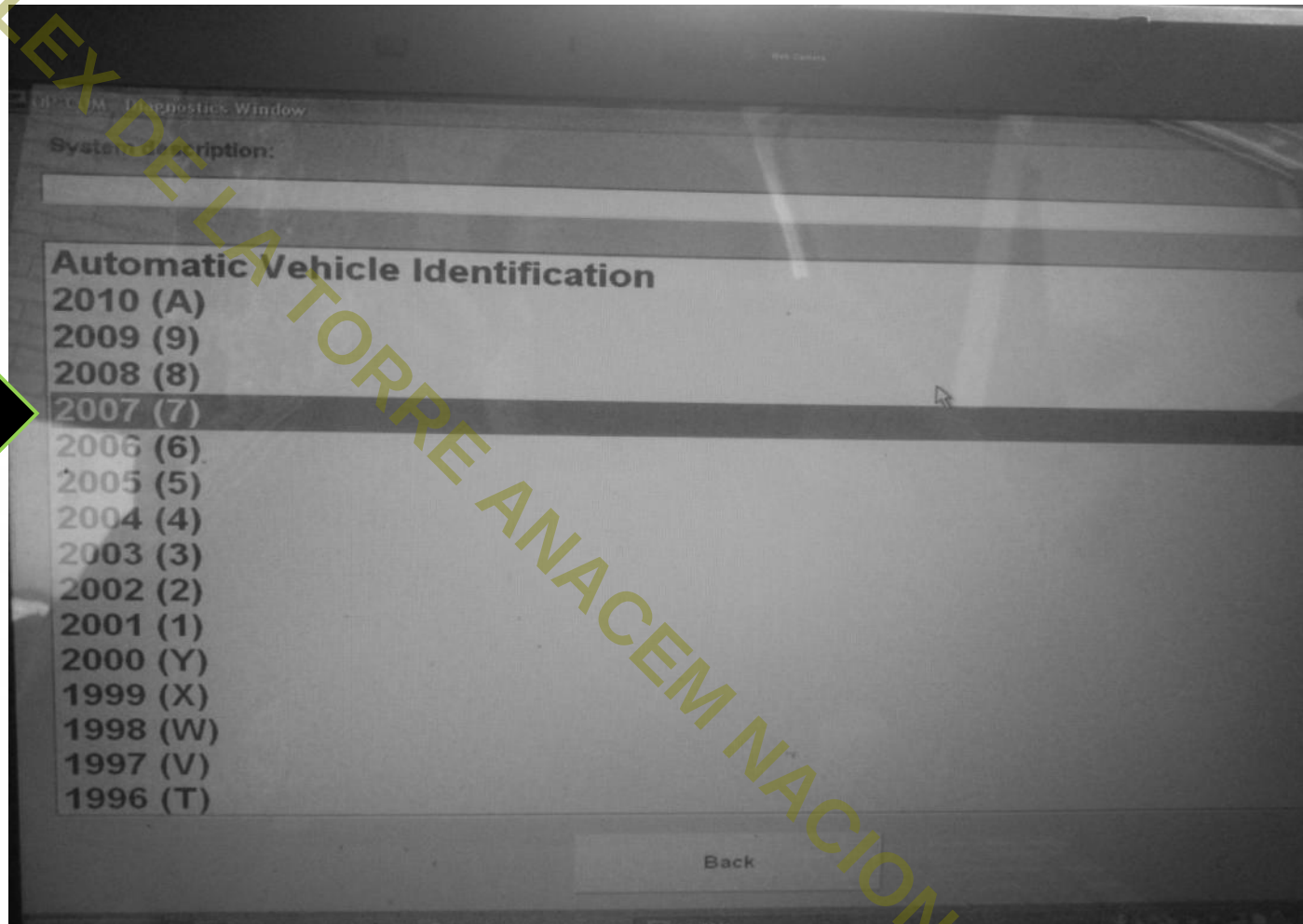
PASO 1

SELECCIONAR "DIAGNOSTICO"



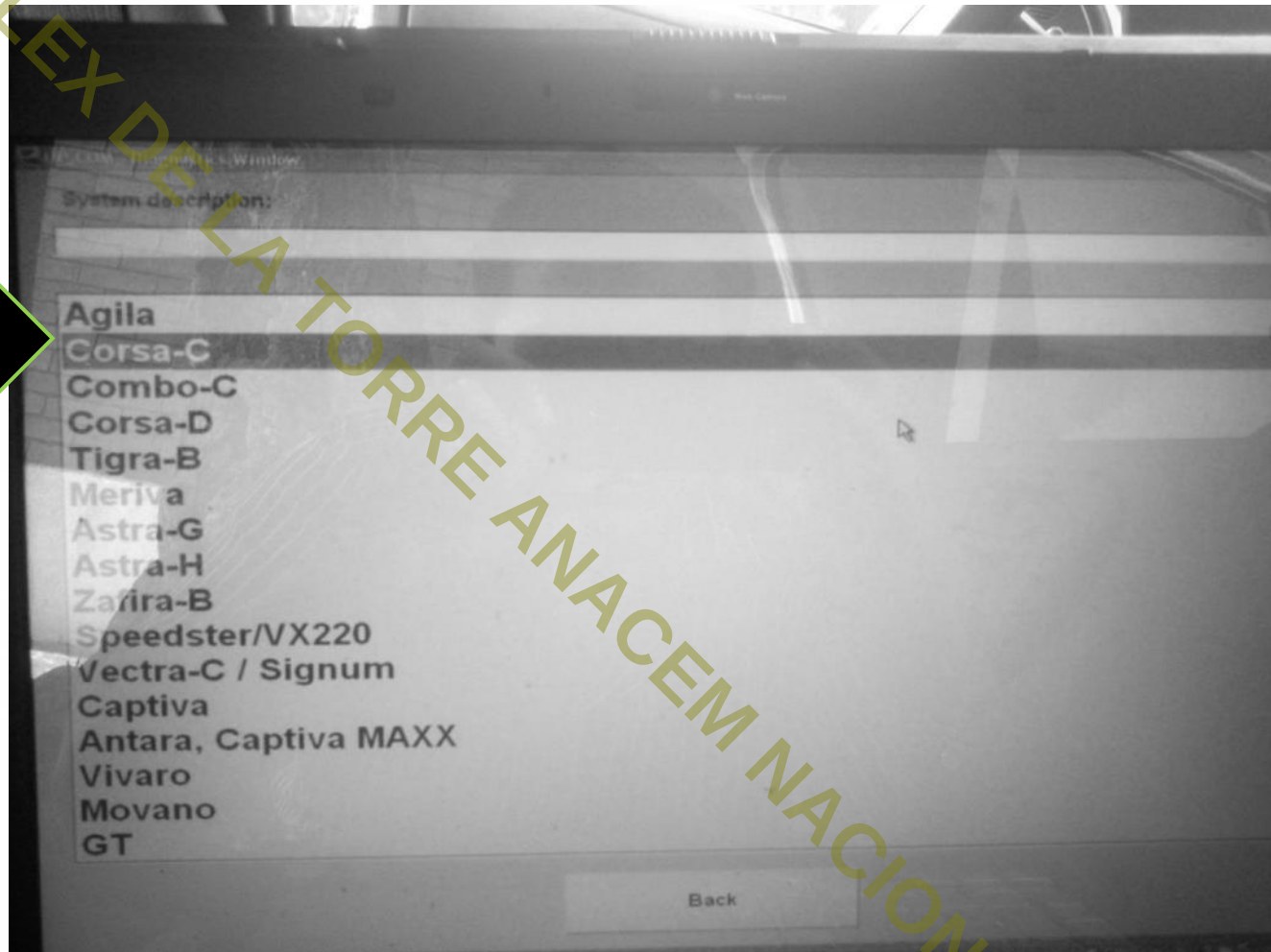
PASO 2

SELECCIONAR "AÑO"



PASO 3

SELECCIONAR "TIPO"



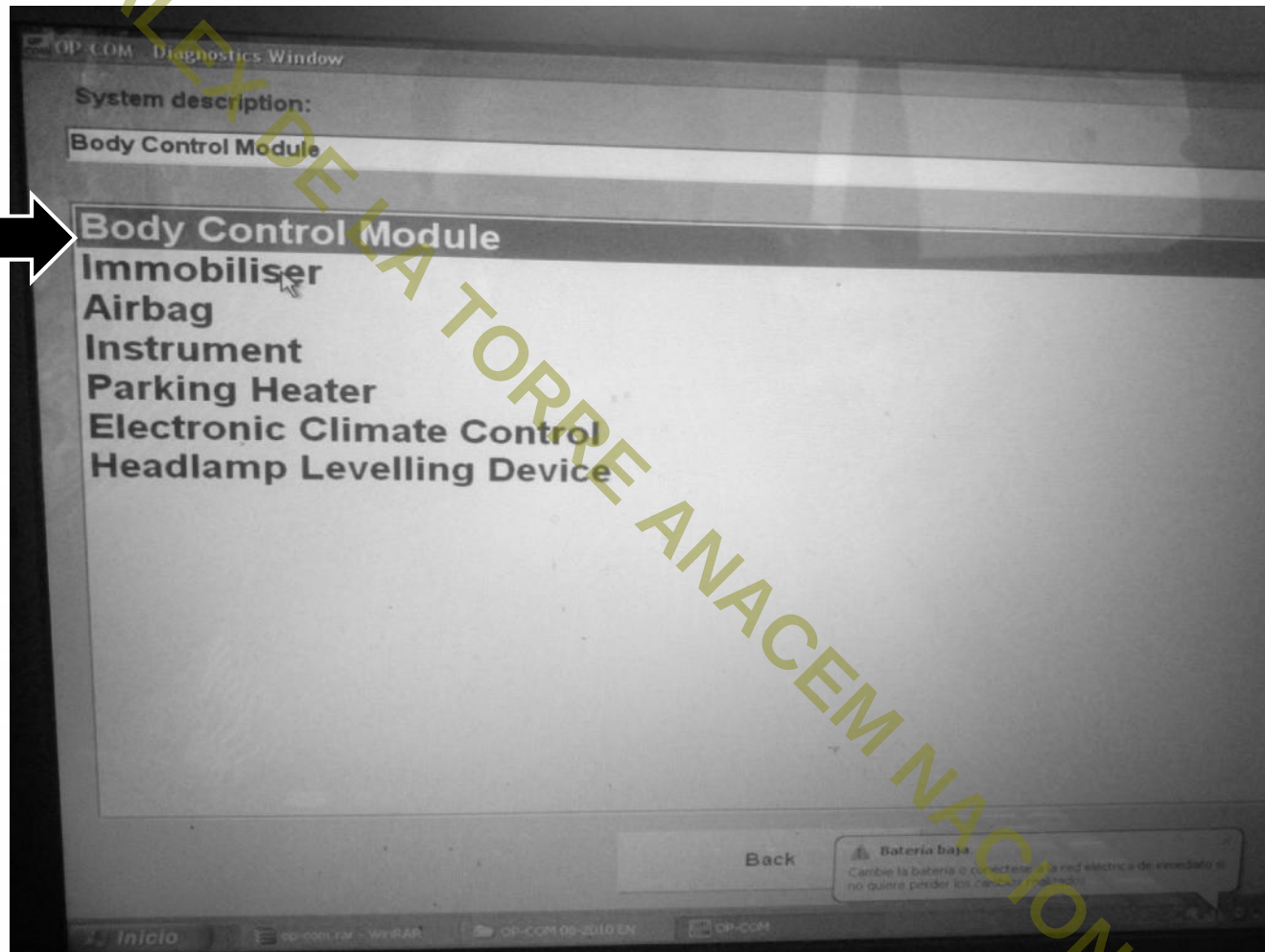
PASO 4

SELECCIONAR "BODY"



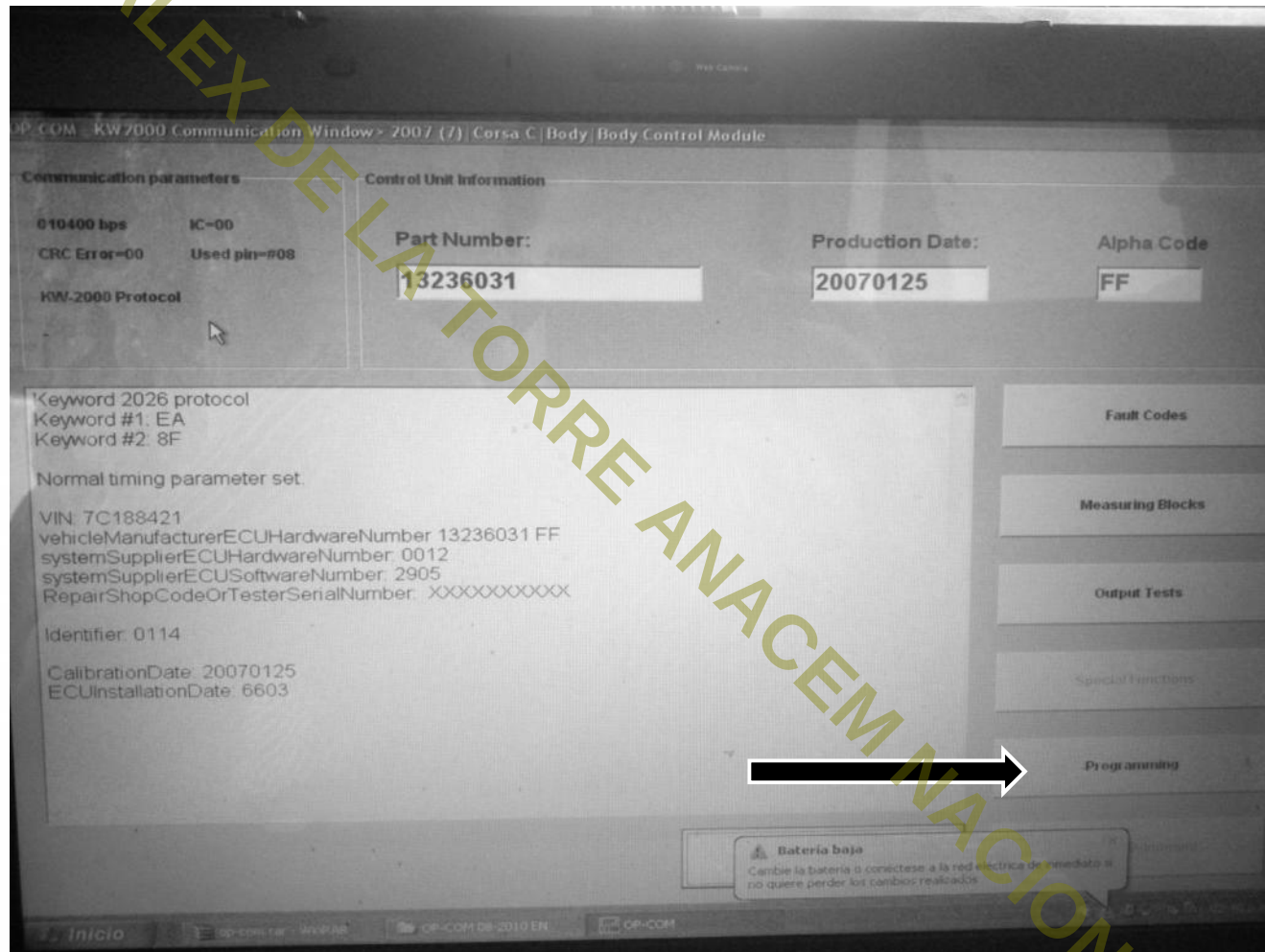
PASO 5

SELECCIONAR "BODY CONTROL MODULE"



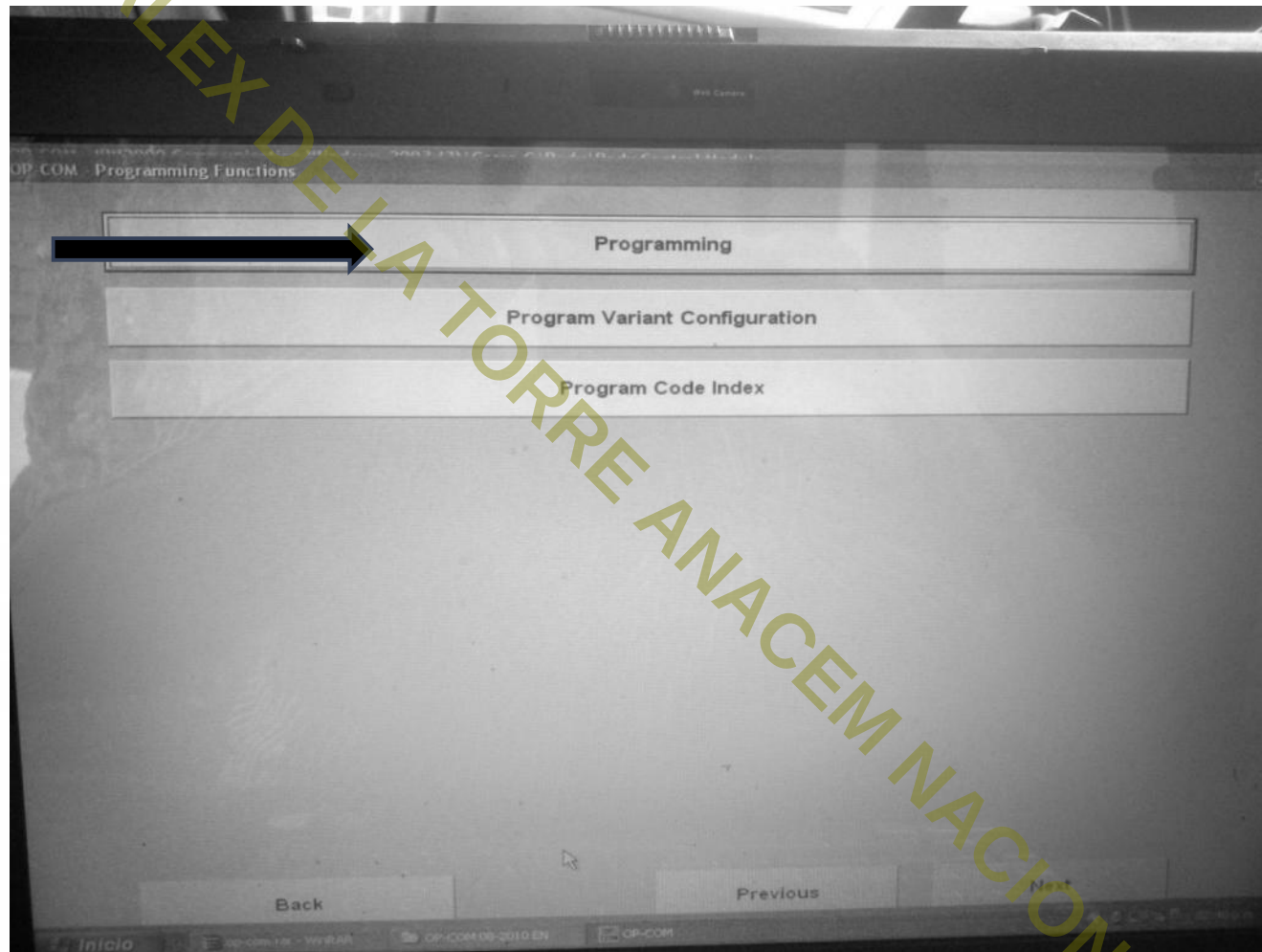
PASO 6

SELECCIONAR "PROGRAMING"



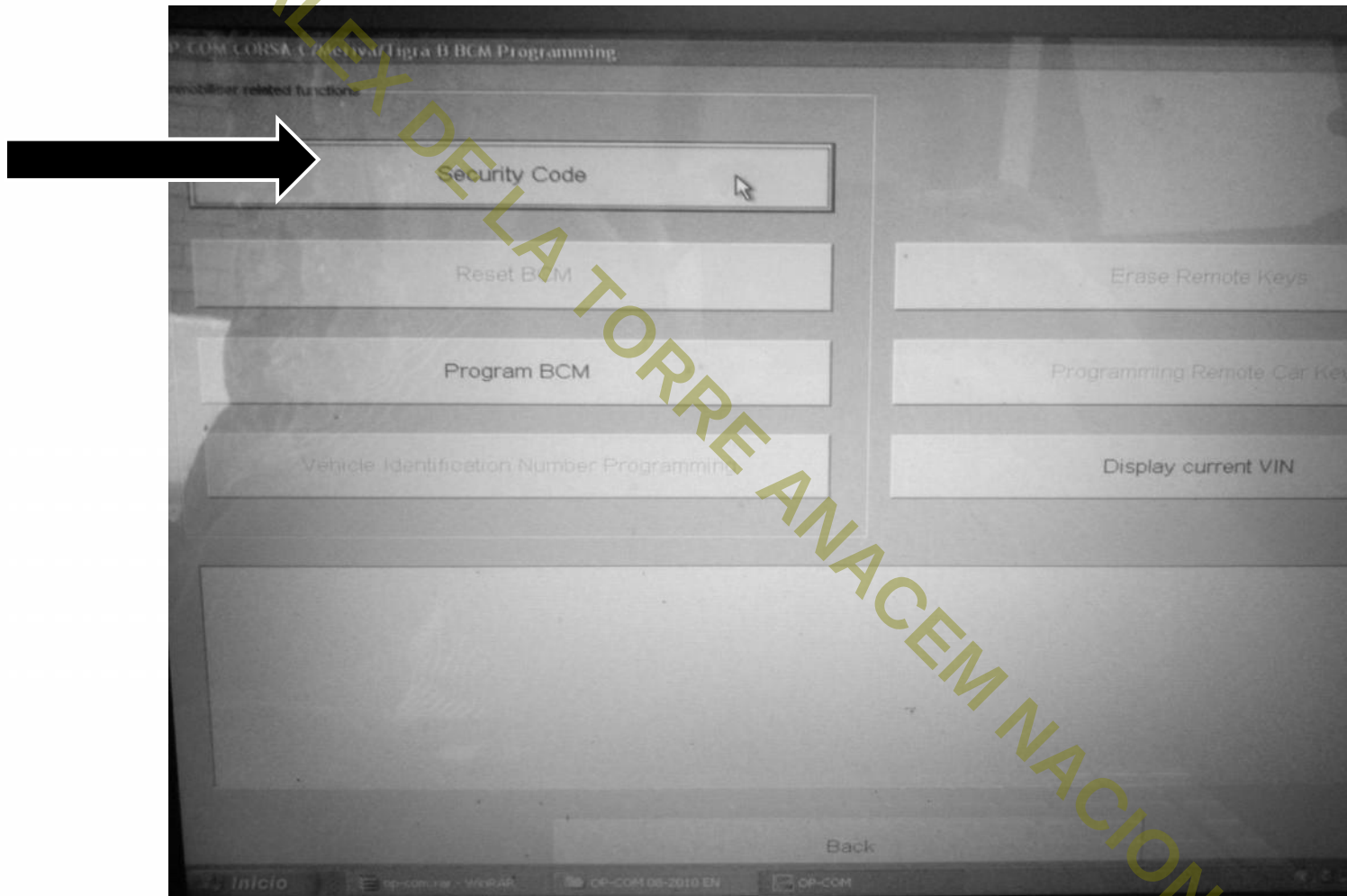
PASO 7

SELECCIONAR "PROGRAMING"



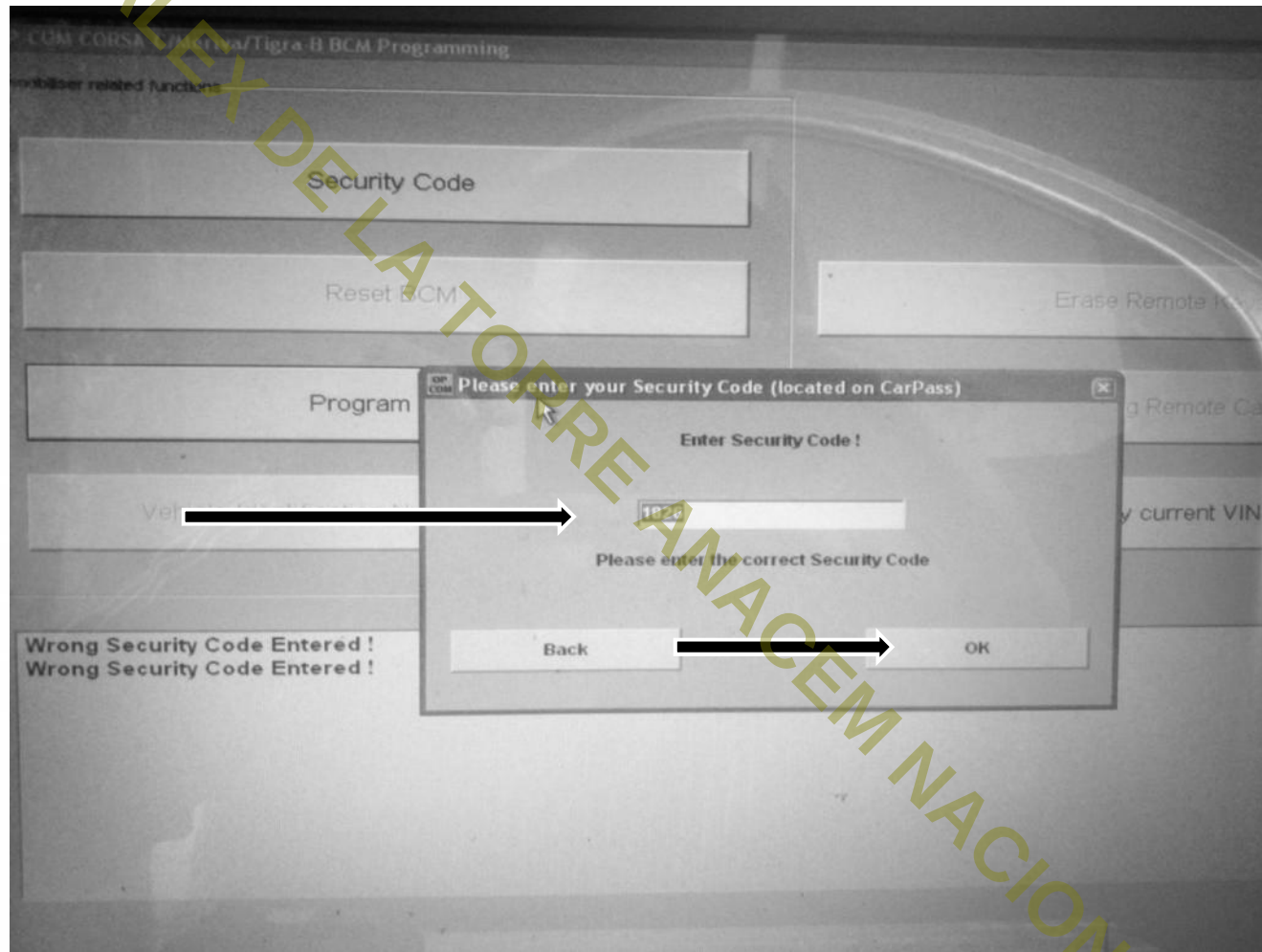
PASO 8

SELECCIONAR "SECURITY CODE"



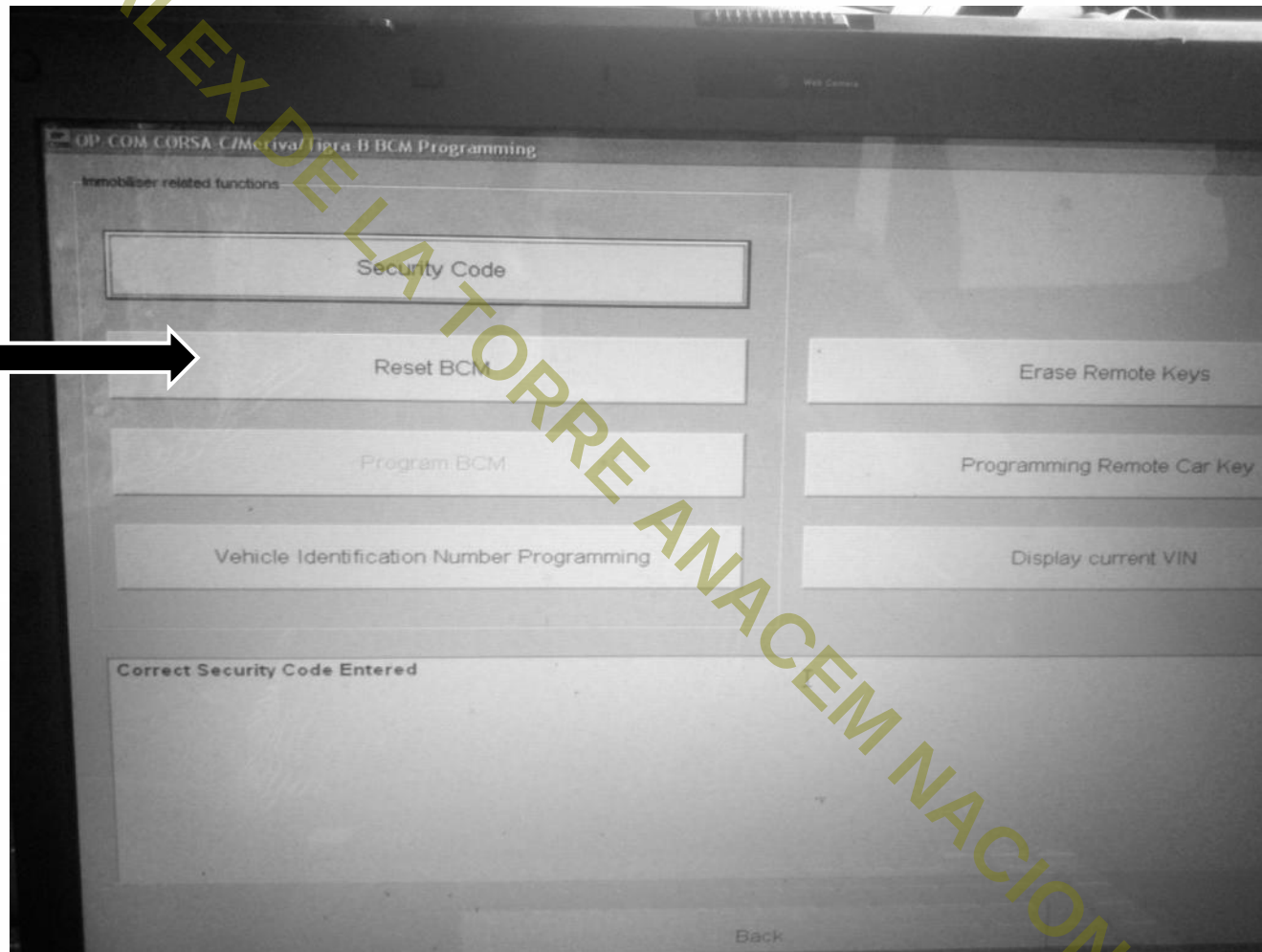
PASO 9

INGRESAR EL CODIGO SECRETO Y SELECCIONAR "OK"



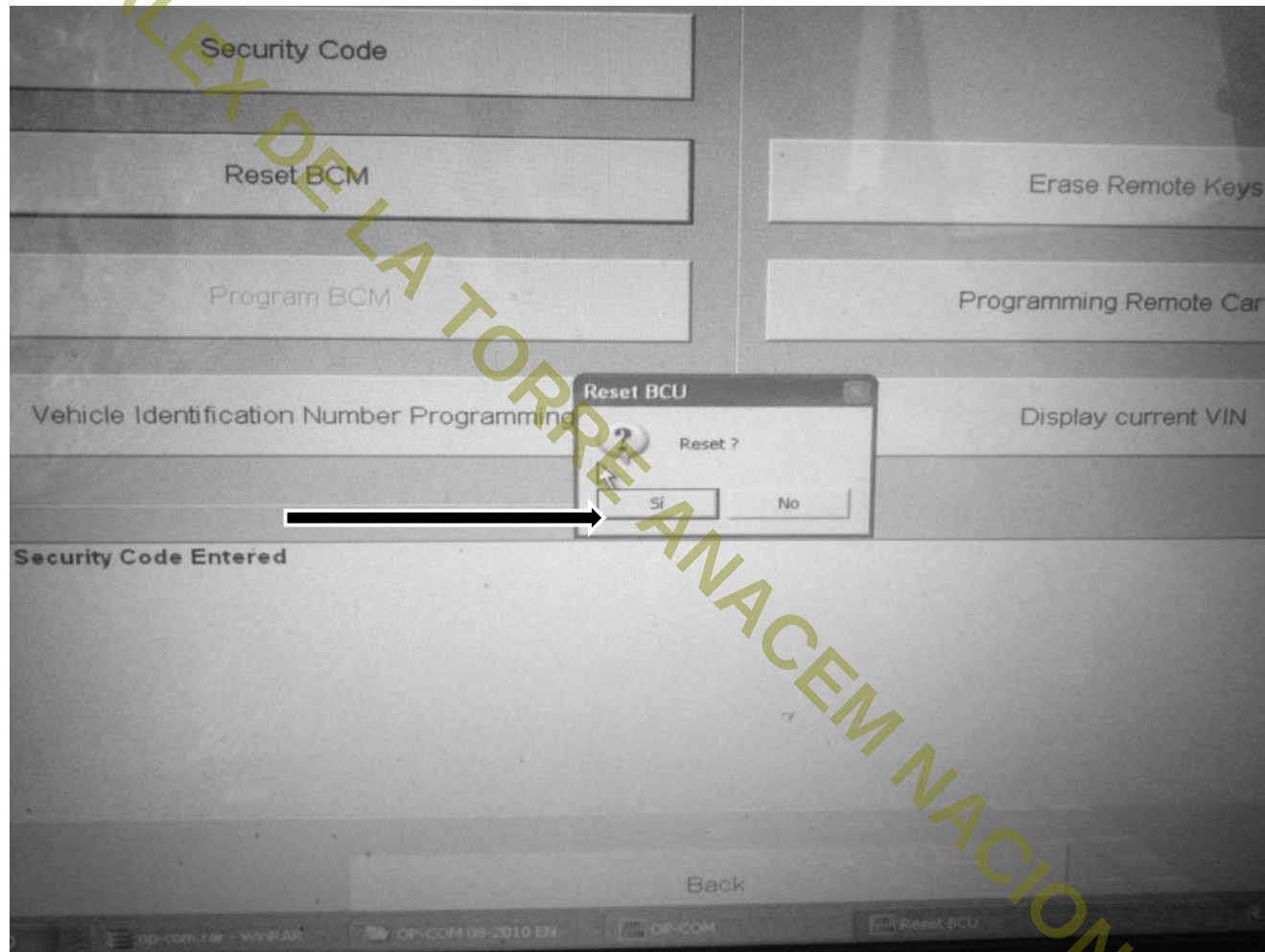
PASO 10

SELECCIONAR "RESET BCM"



PASO 11

SELECCIONAR "SI"

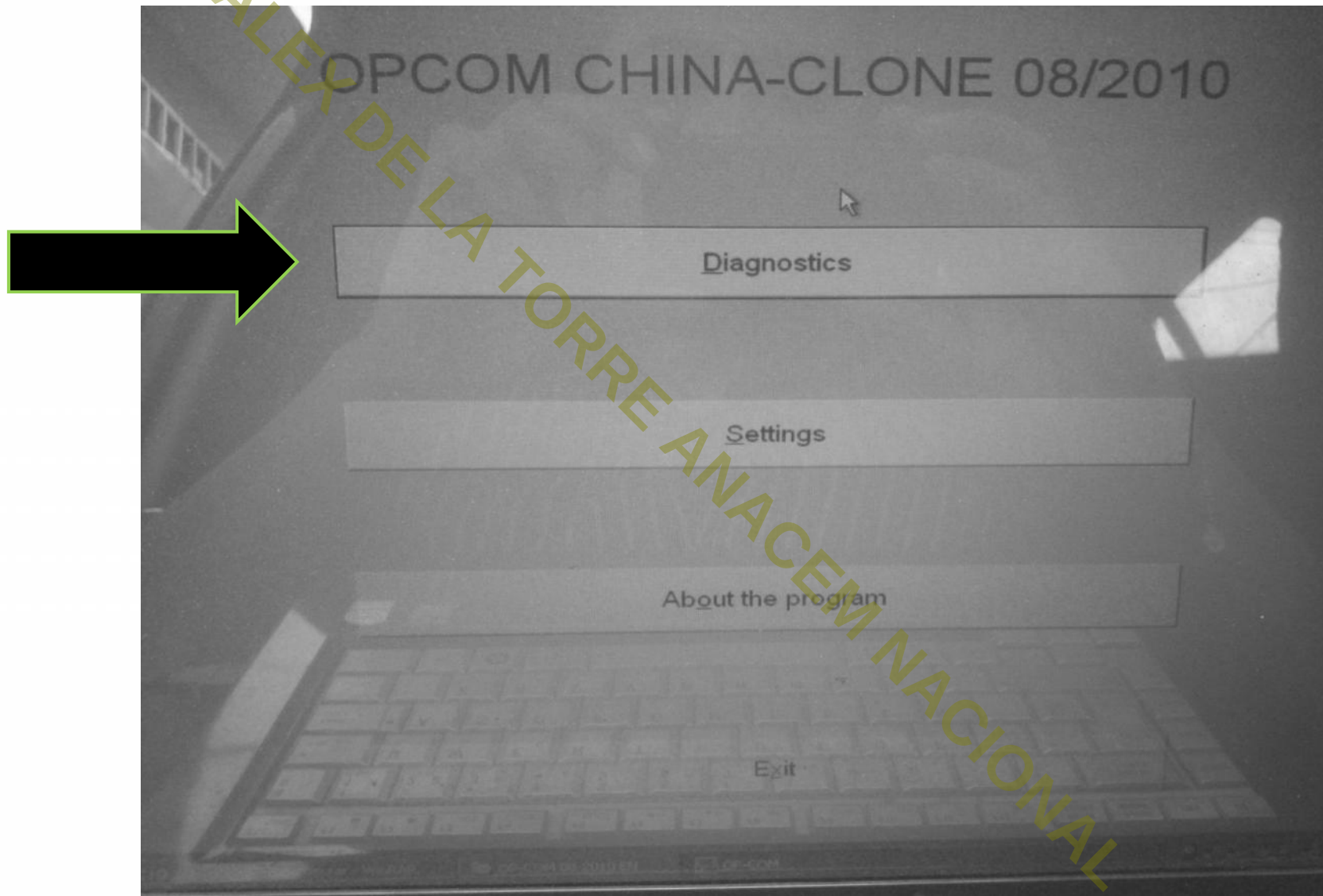


PROCEDIMIENTO PARA VIRGINIZAR LA ECU (COMPUTADORA)



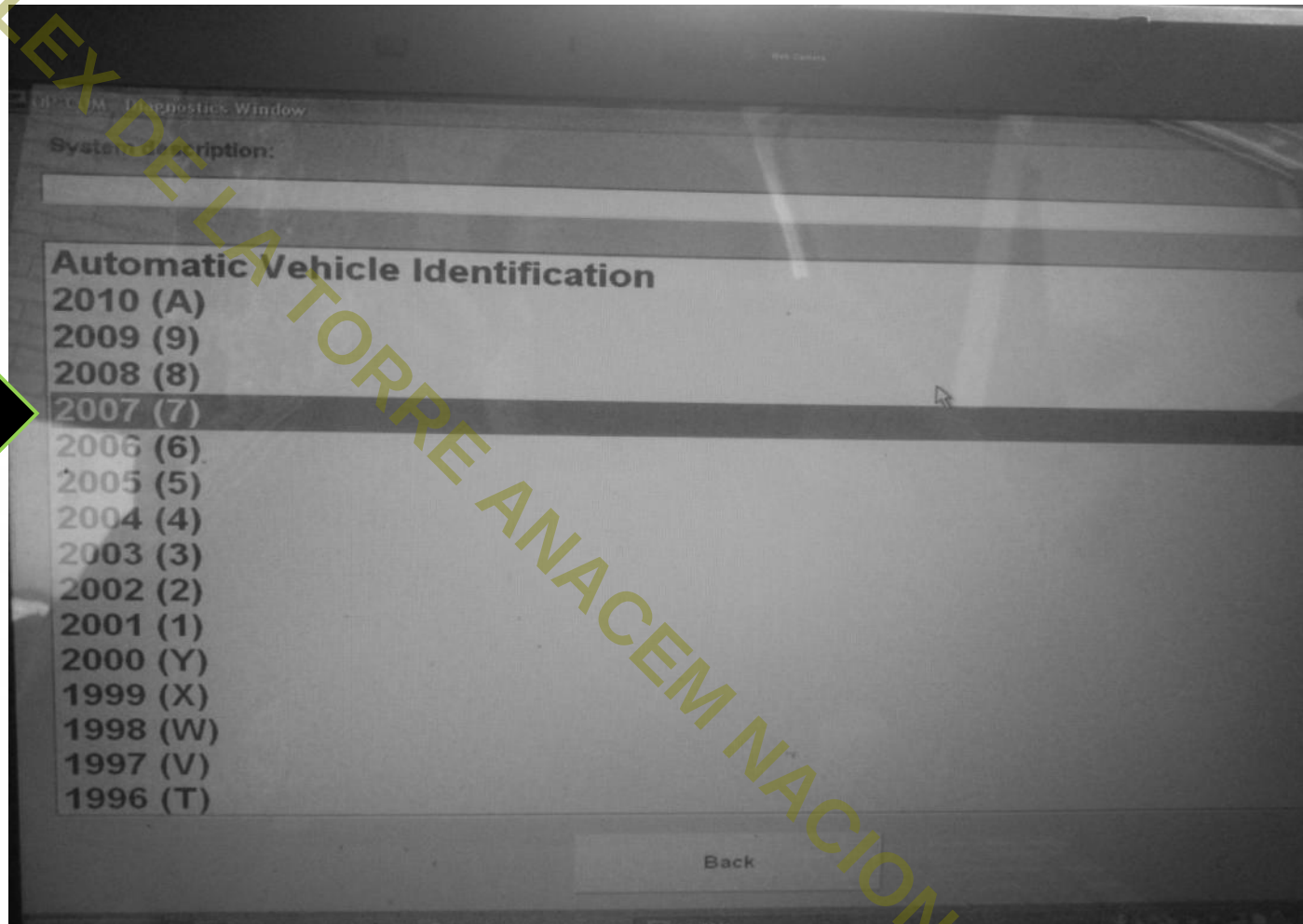
PASO 1

SELECCIONAR "DIAGNOSTICO"



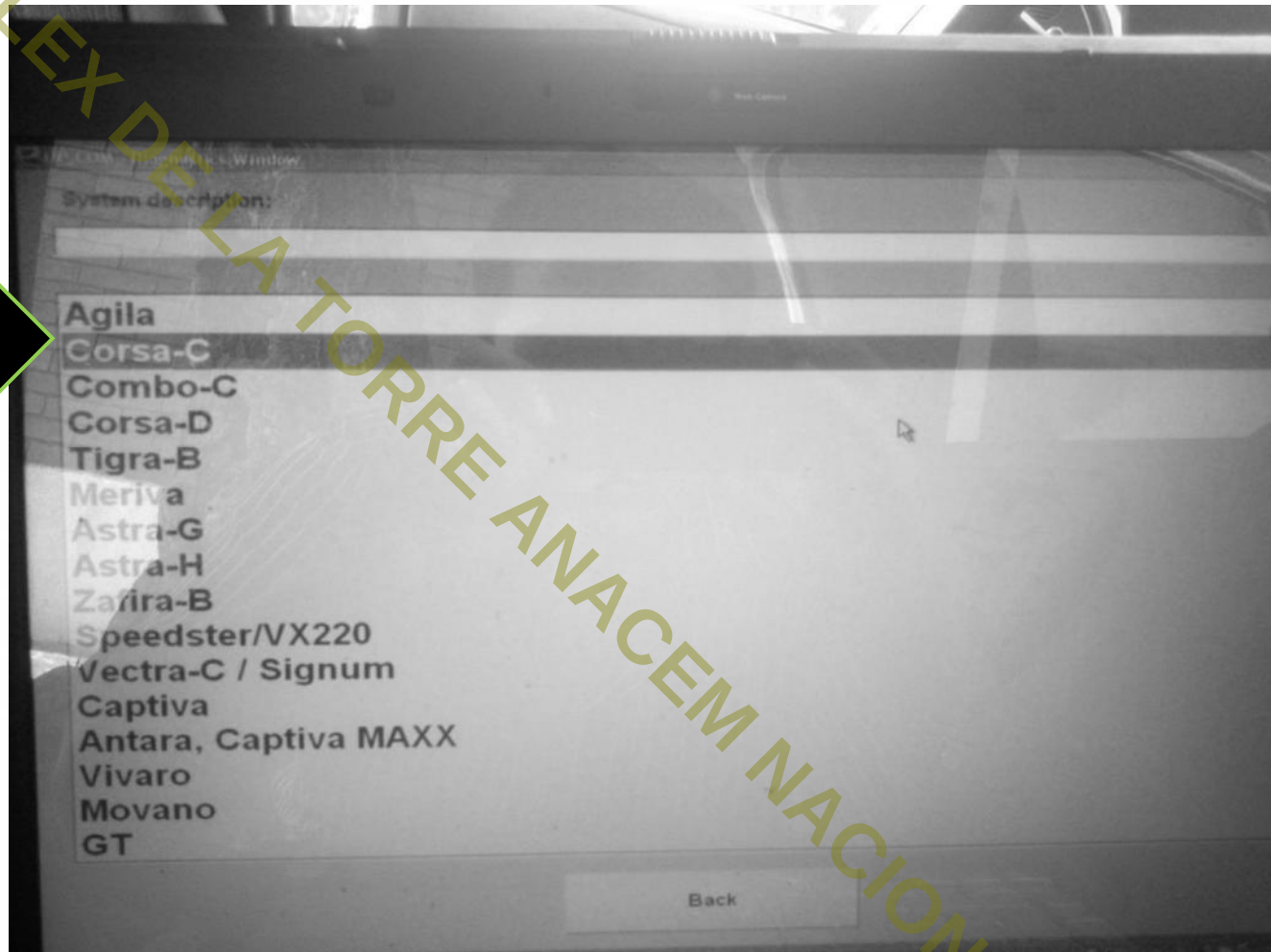
PASO 2

SELECCIONAR "AÑO"



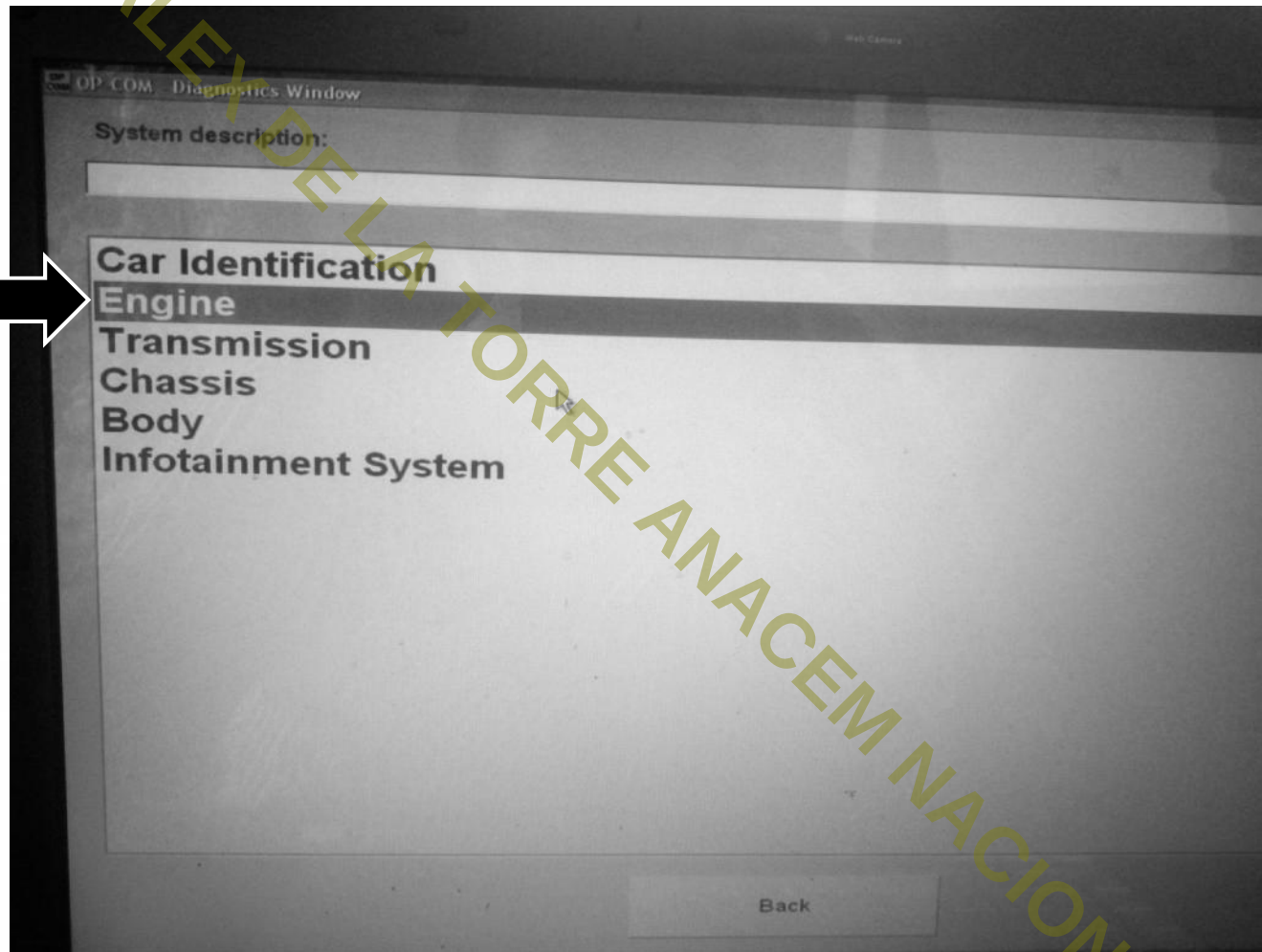
PASO 3

SELECCIONAR "TIPO"



PASO 4

SELECCIONAR "ENGINE"



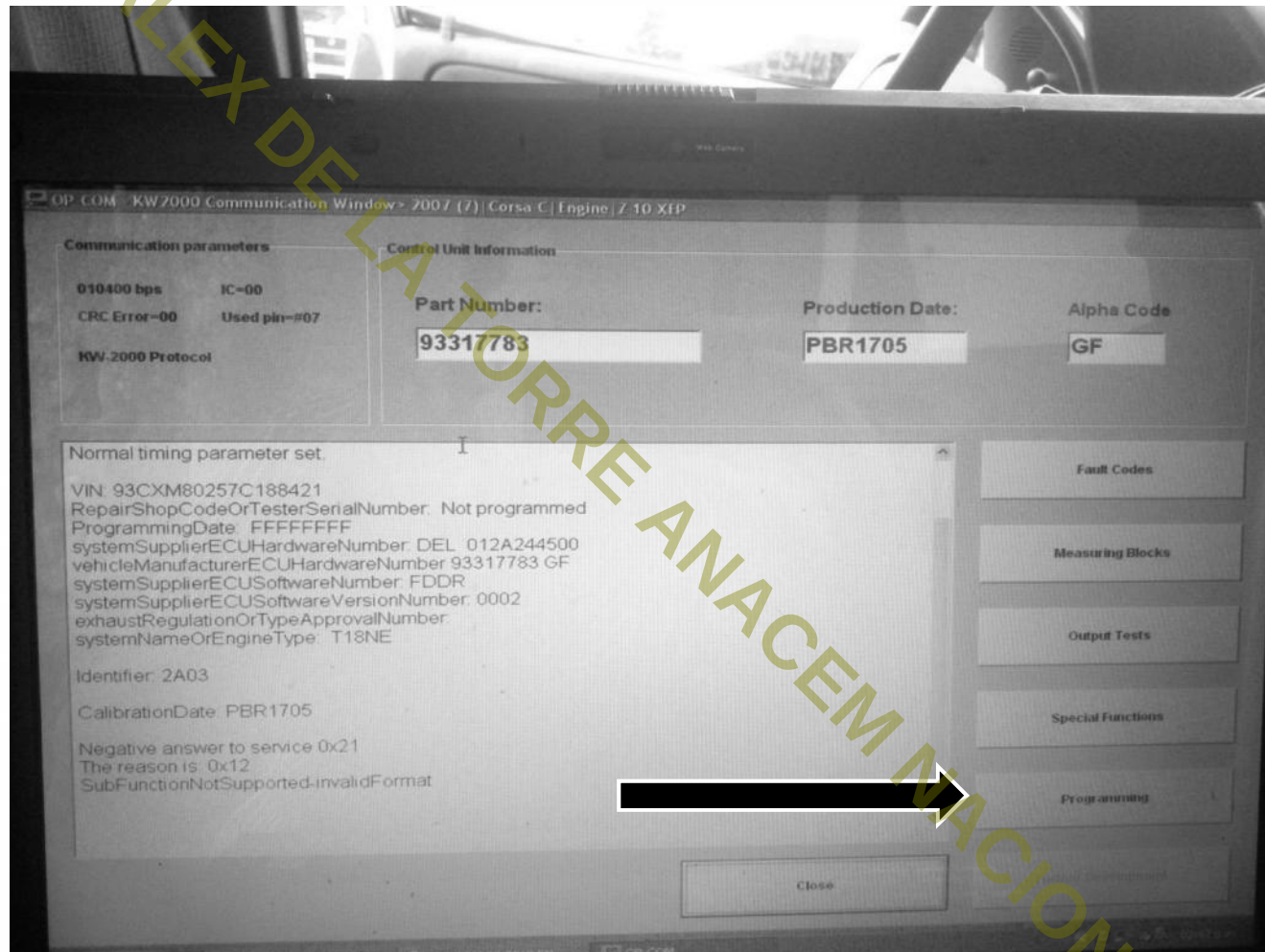
PASO 5

SELECCIONAR EL TIPO DE MOTOR . (PUEDE SER CUALQUIERA)



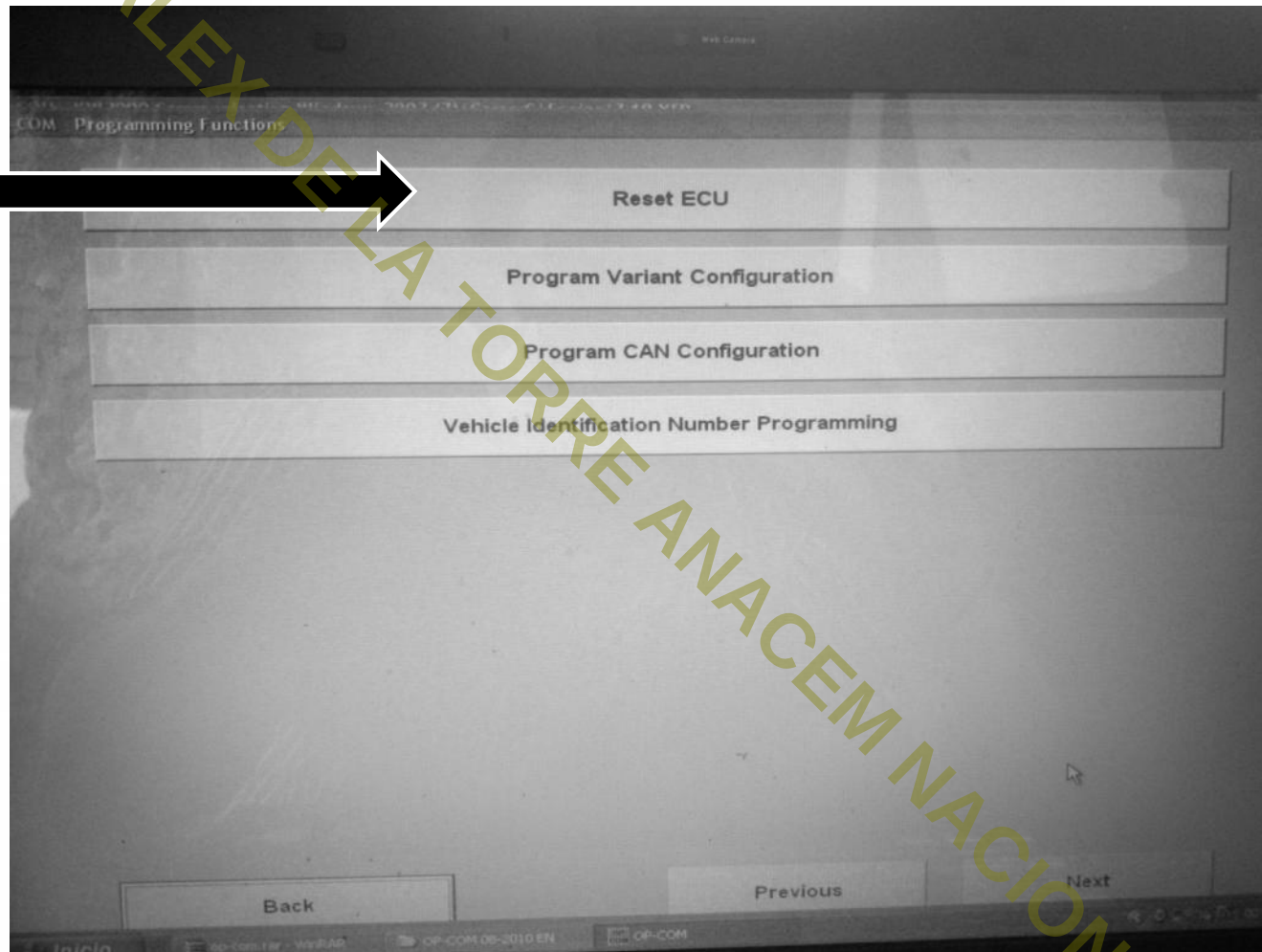
PASO 6

SELECCIONAR "PROGRAMING"



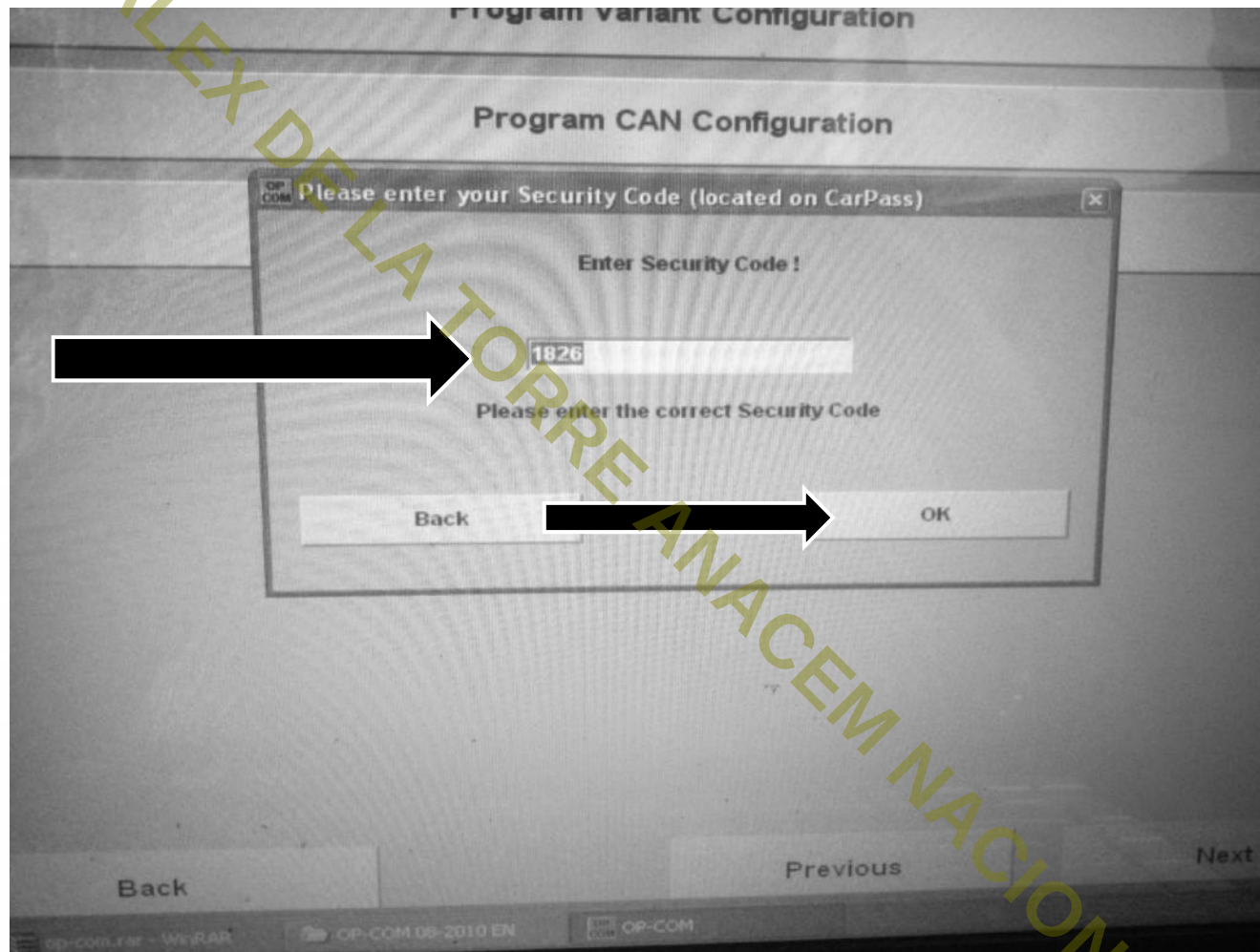
PASO 7

SELECCIONAR "RESET ECU"



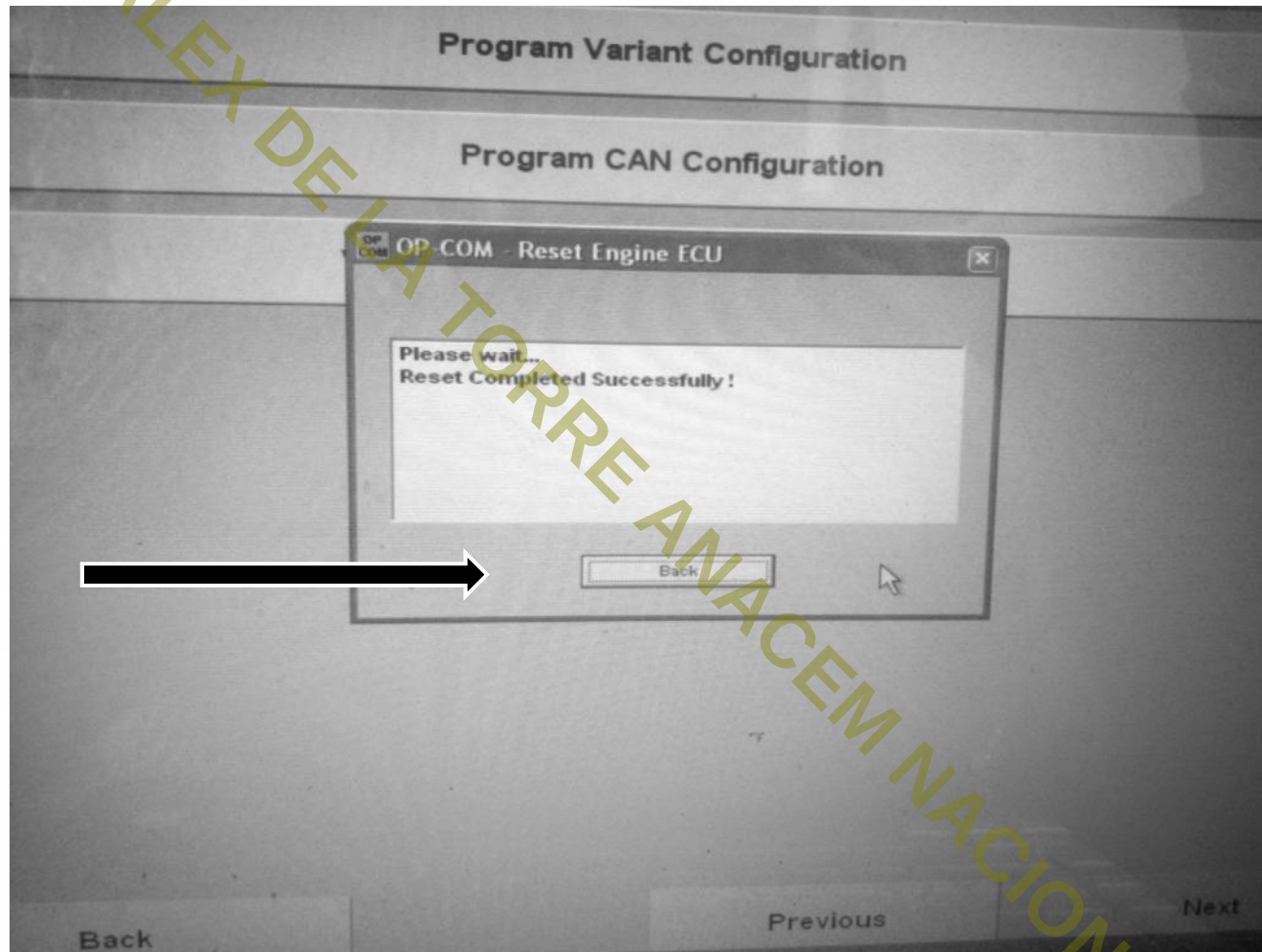
PASO 8

INGRESAR EL CODIGO Y SELECCIONAR "OK"



PASO 9

SELECCIONAR "BACK"

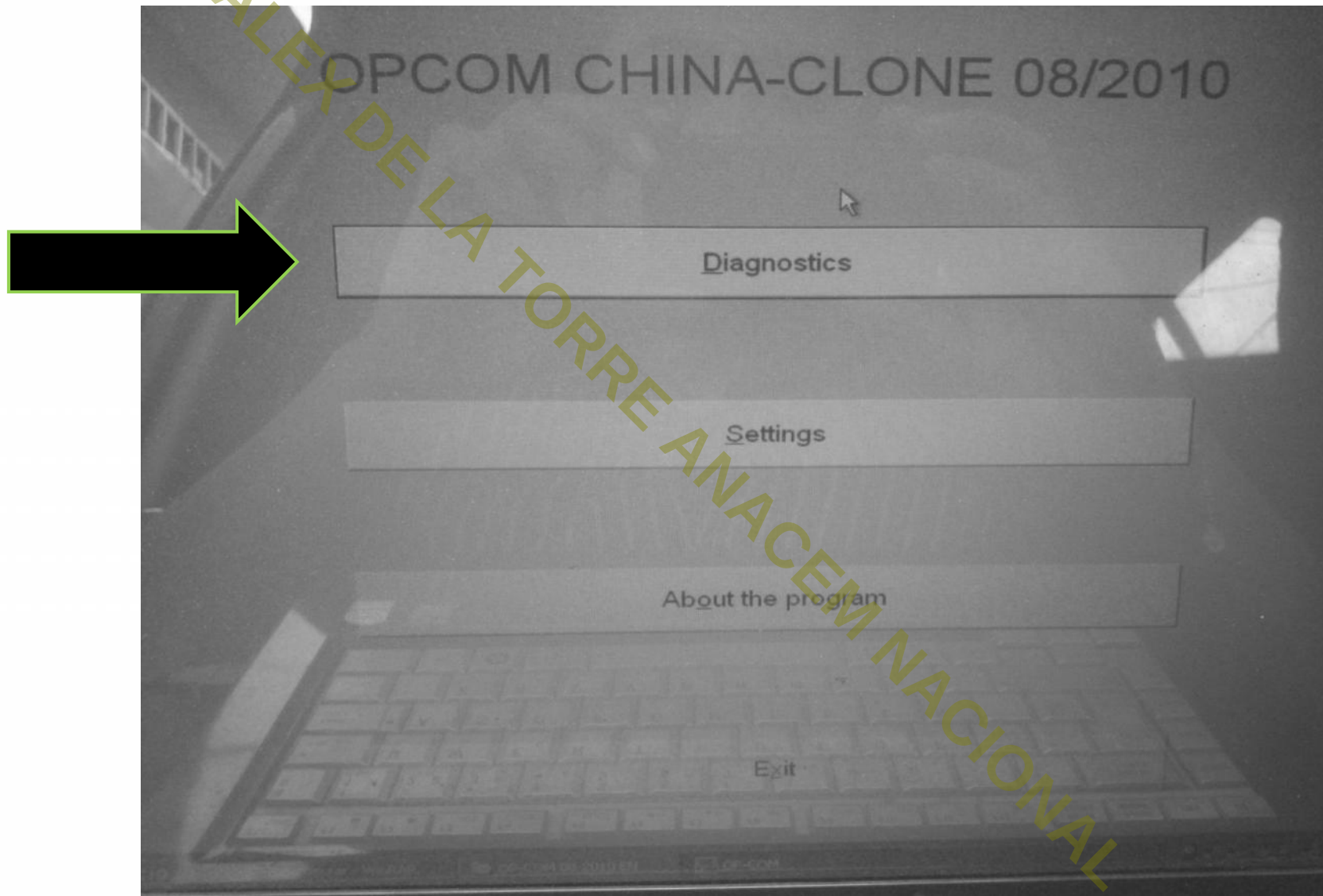


PROCEDIMIENTO PARA LA VIRGINIZACION DE LINMOVILIZADOR (ANTENA)



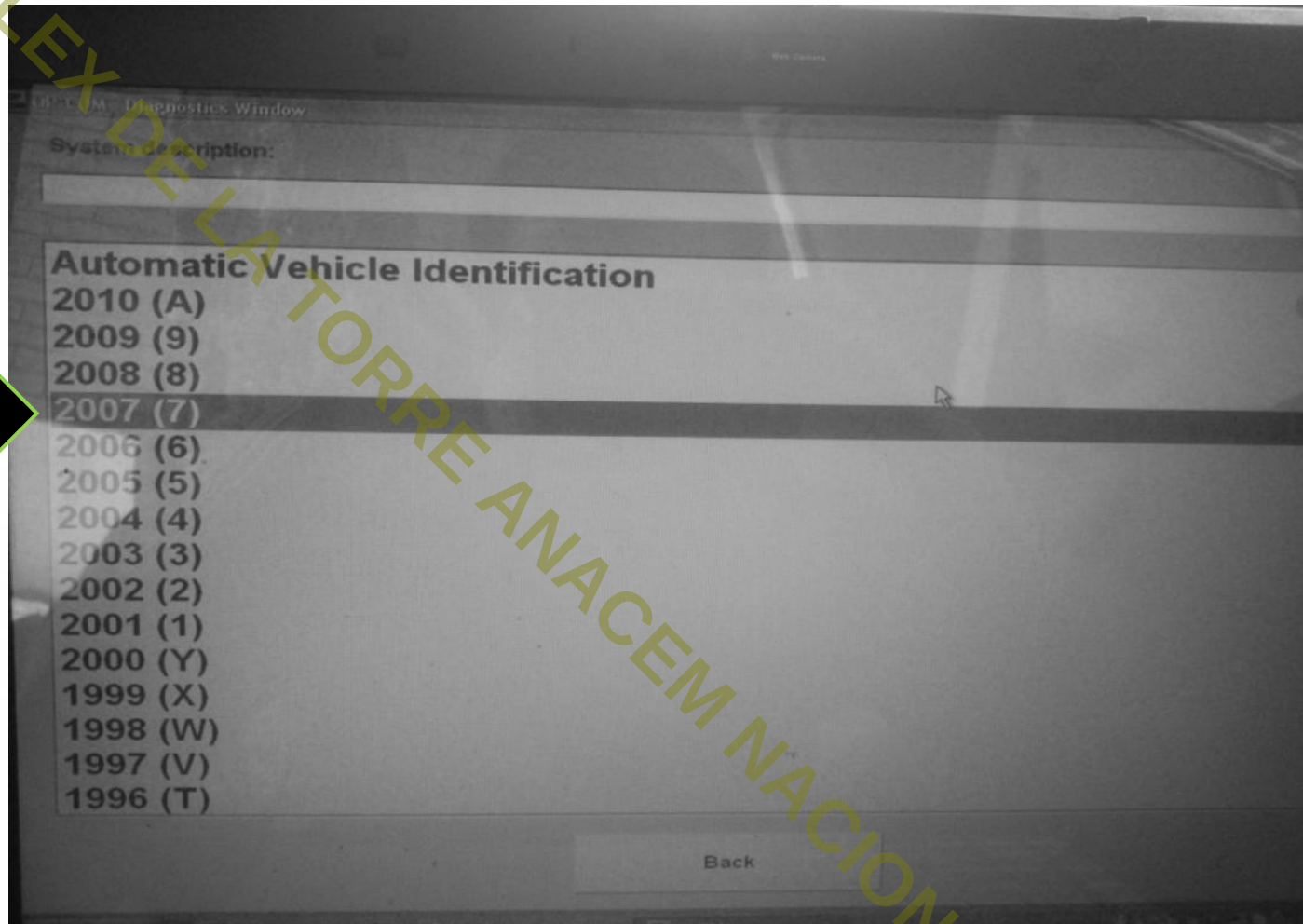
PASO 1

SELECCIONAR "DIAGNOSTICO"



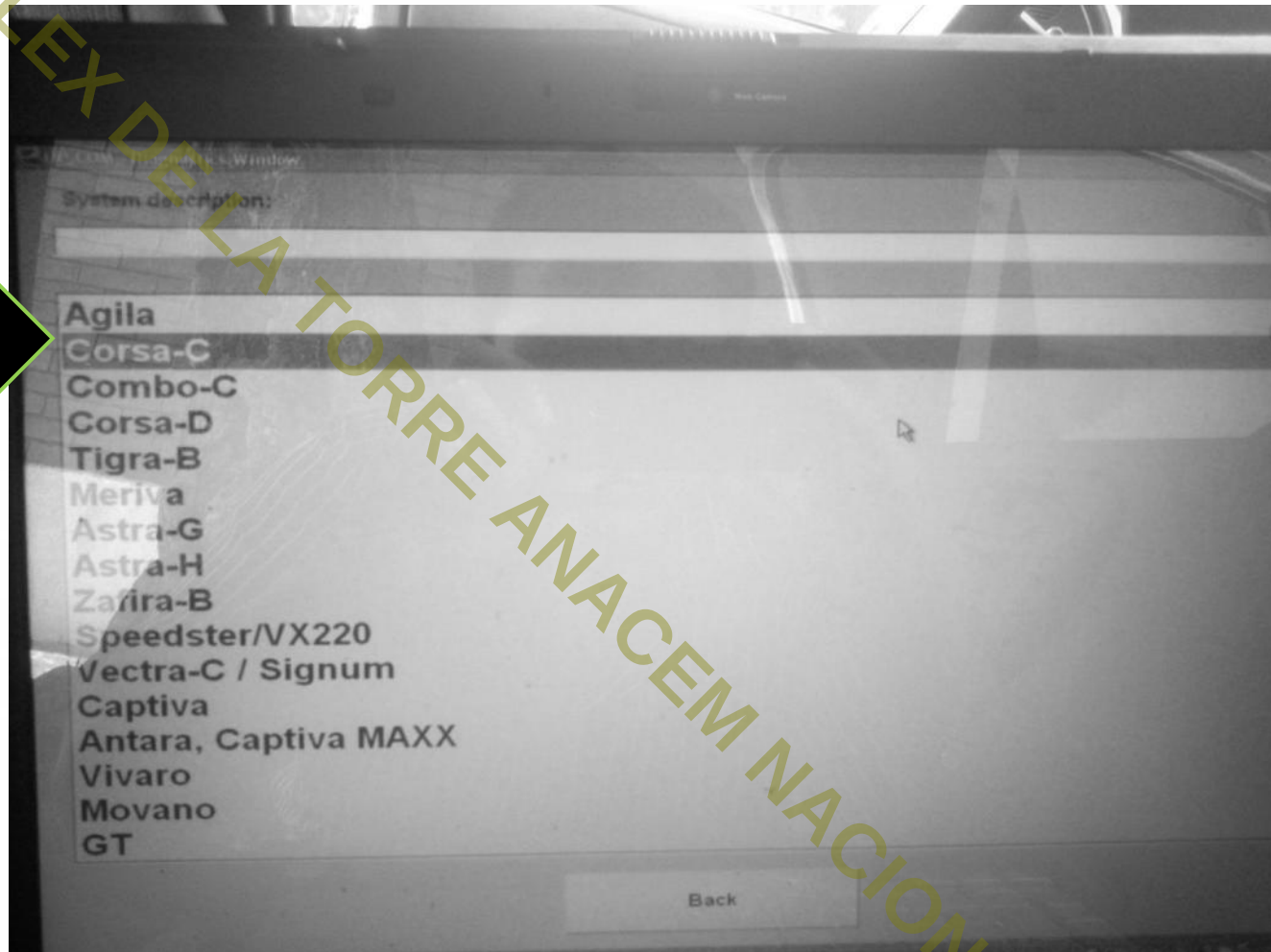
PASO 2

SELECCIONAR "AÑO"



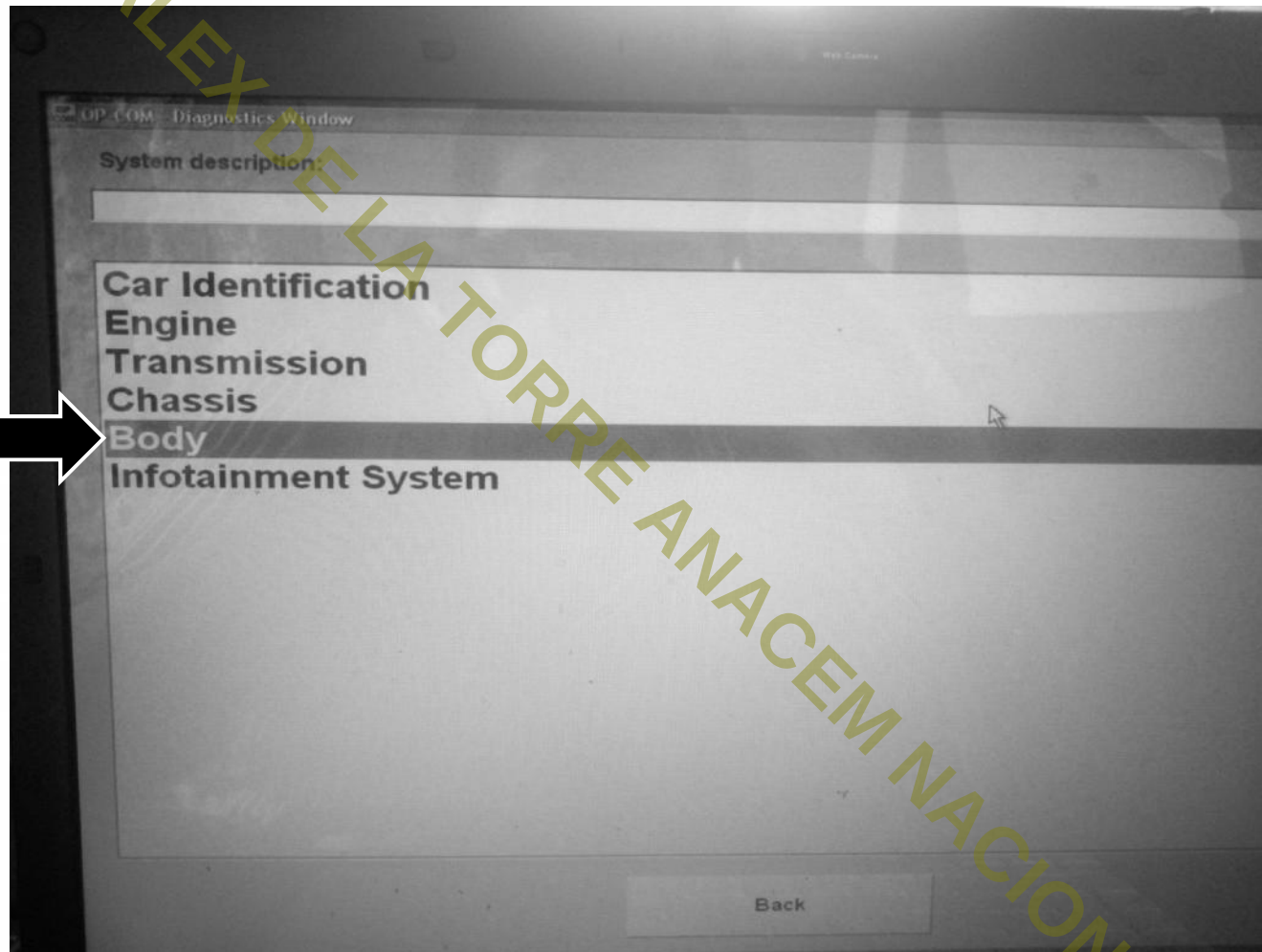
PASO 3

SELECCIONAR "TIPO"



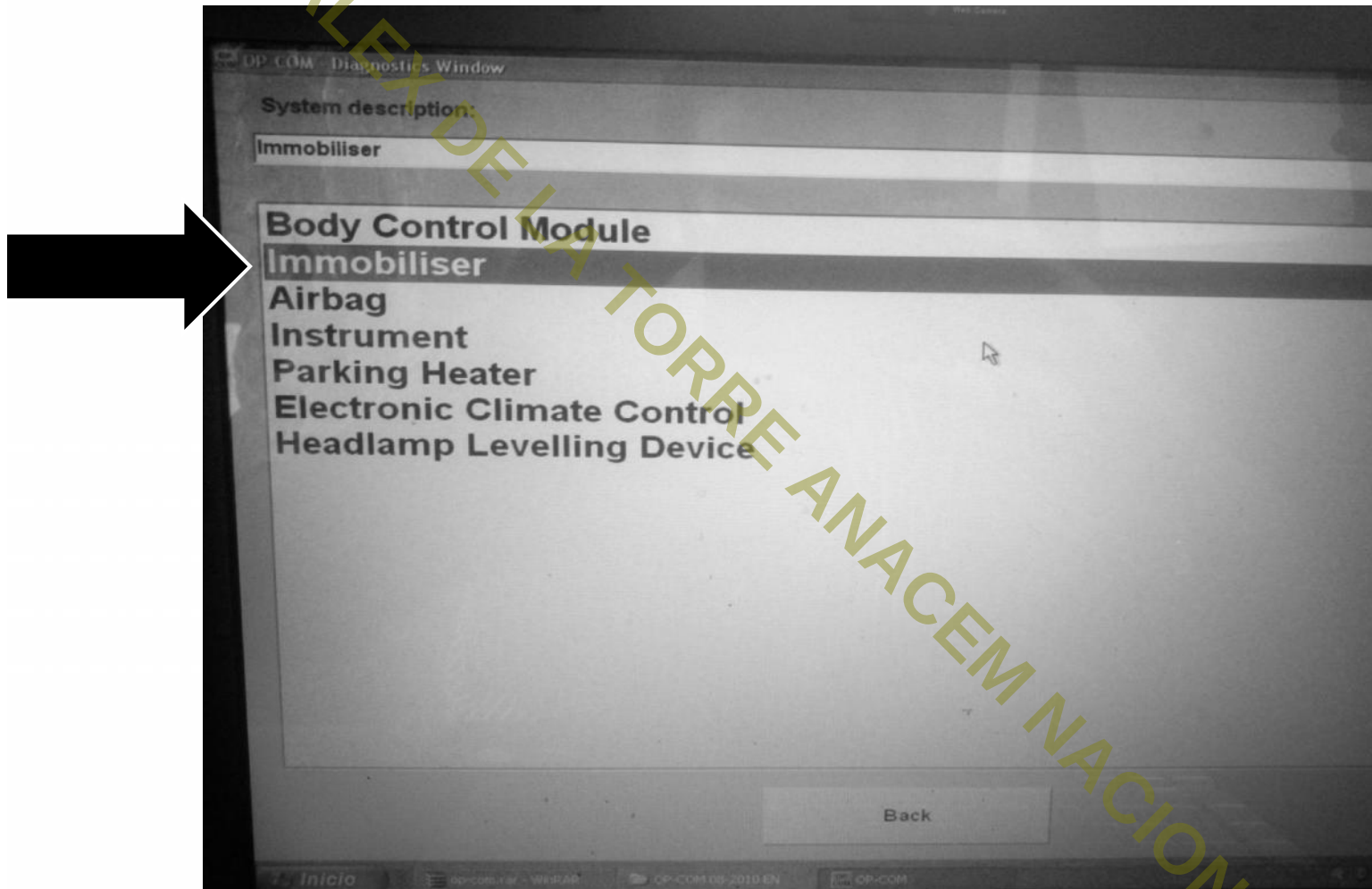
PASO 4

SELECCIONAR "BODY"



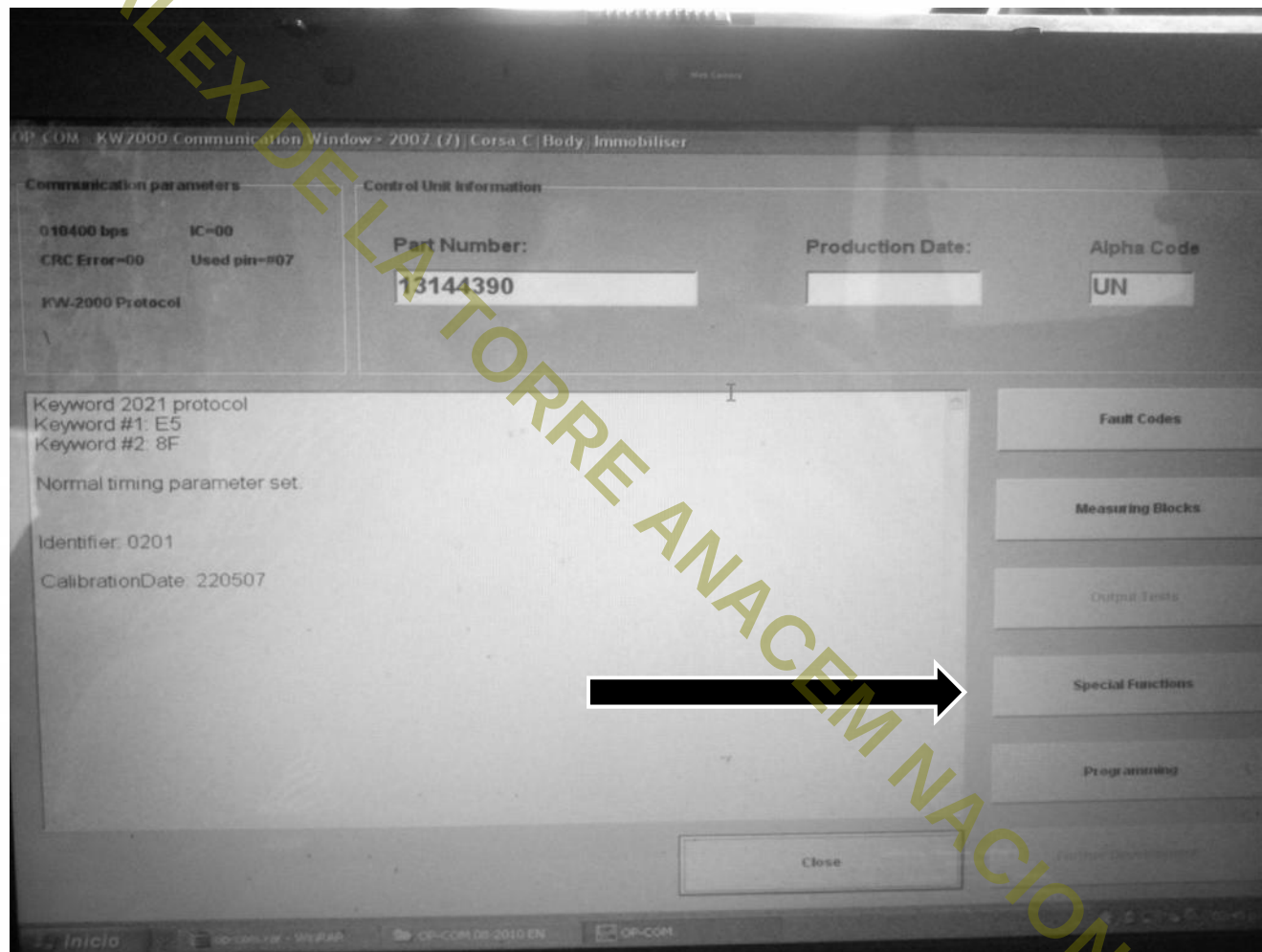
PASO 5

SELECCIONAR "INMOBILISER"



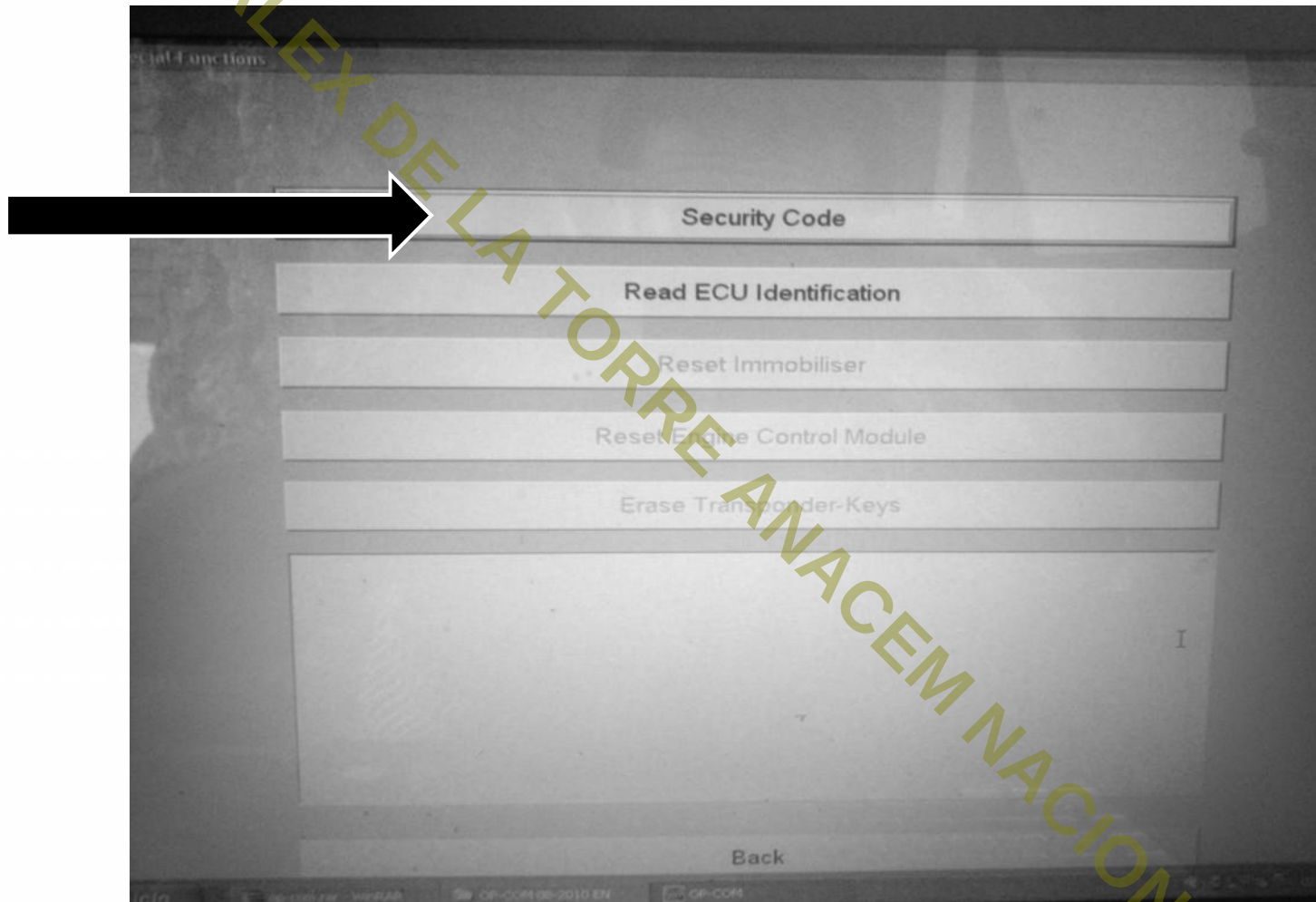
PASO 6

SELECCIONAR "SPECIAL FUNCTIONS"



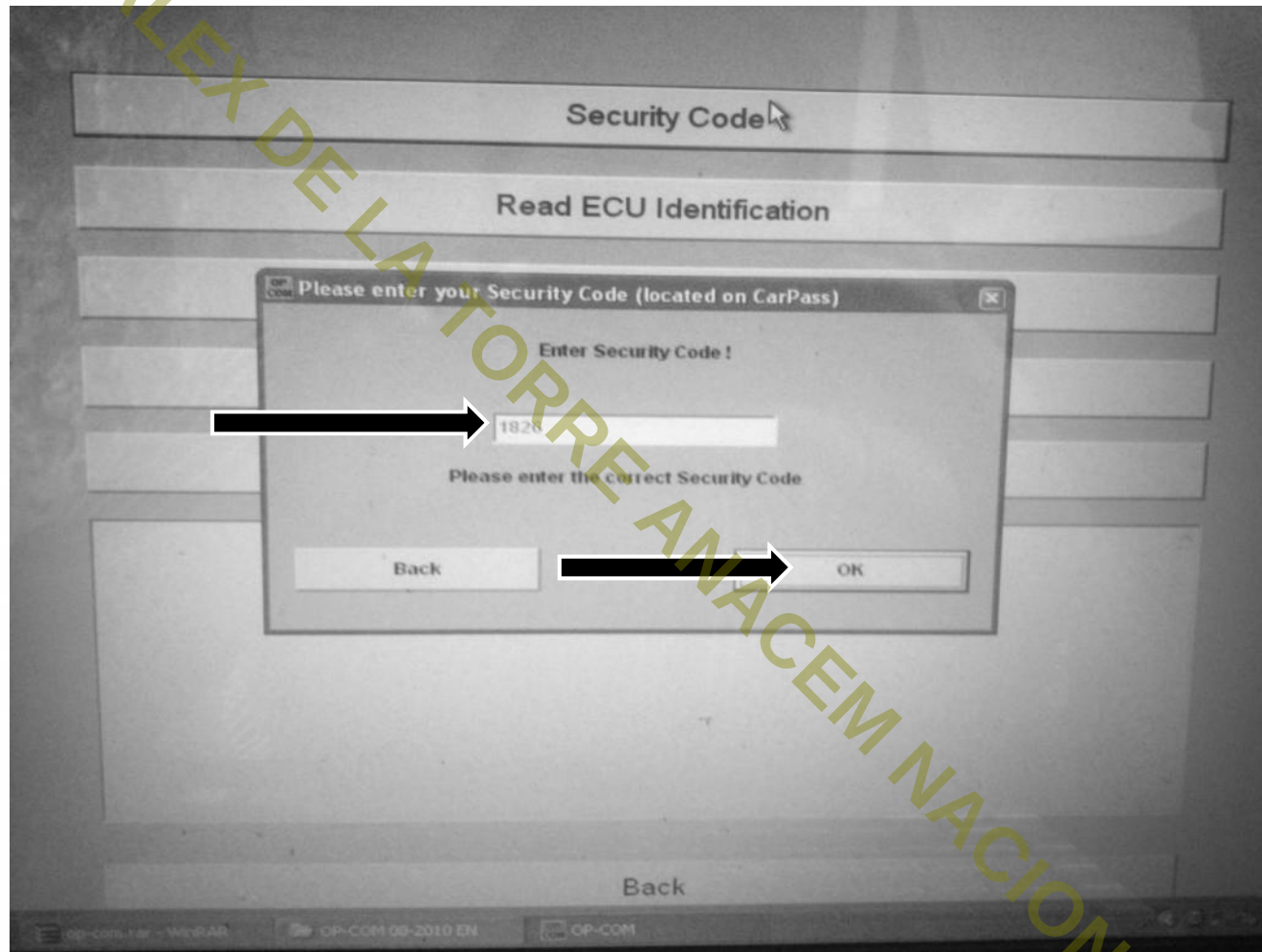
PASO 7

SELECCIONAR "SECURITY CODE"



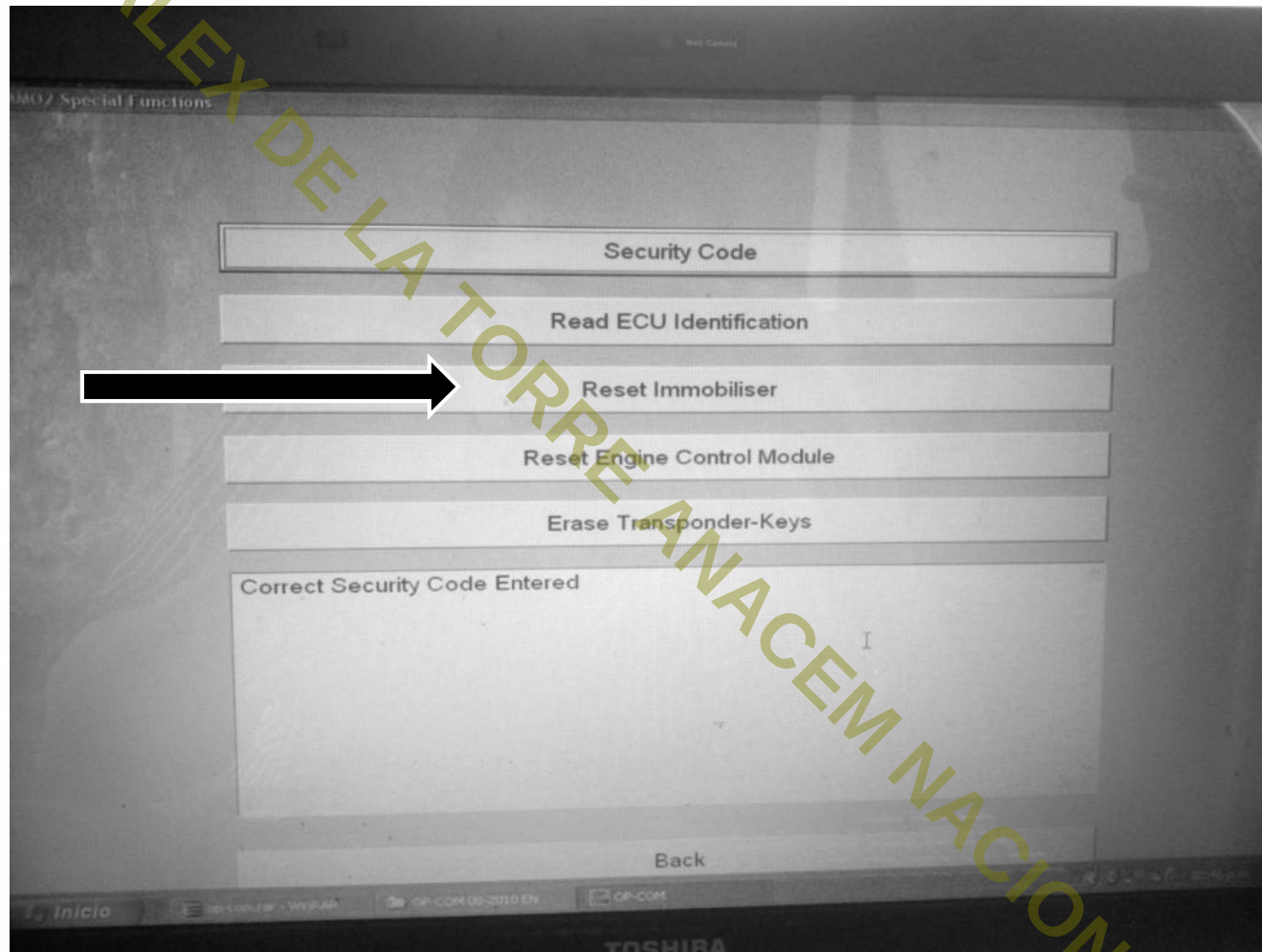
PASO 8

INGRESAR EL CODIGO DE SEGURIDAD Y SELECCIONAR
"OK"



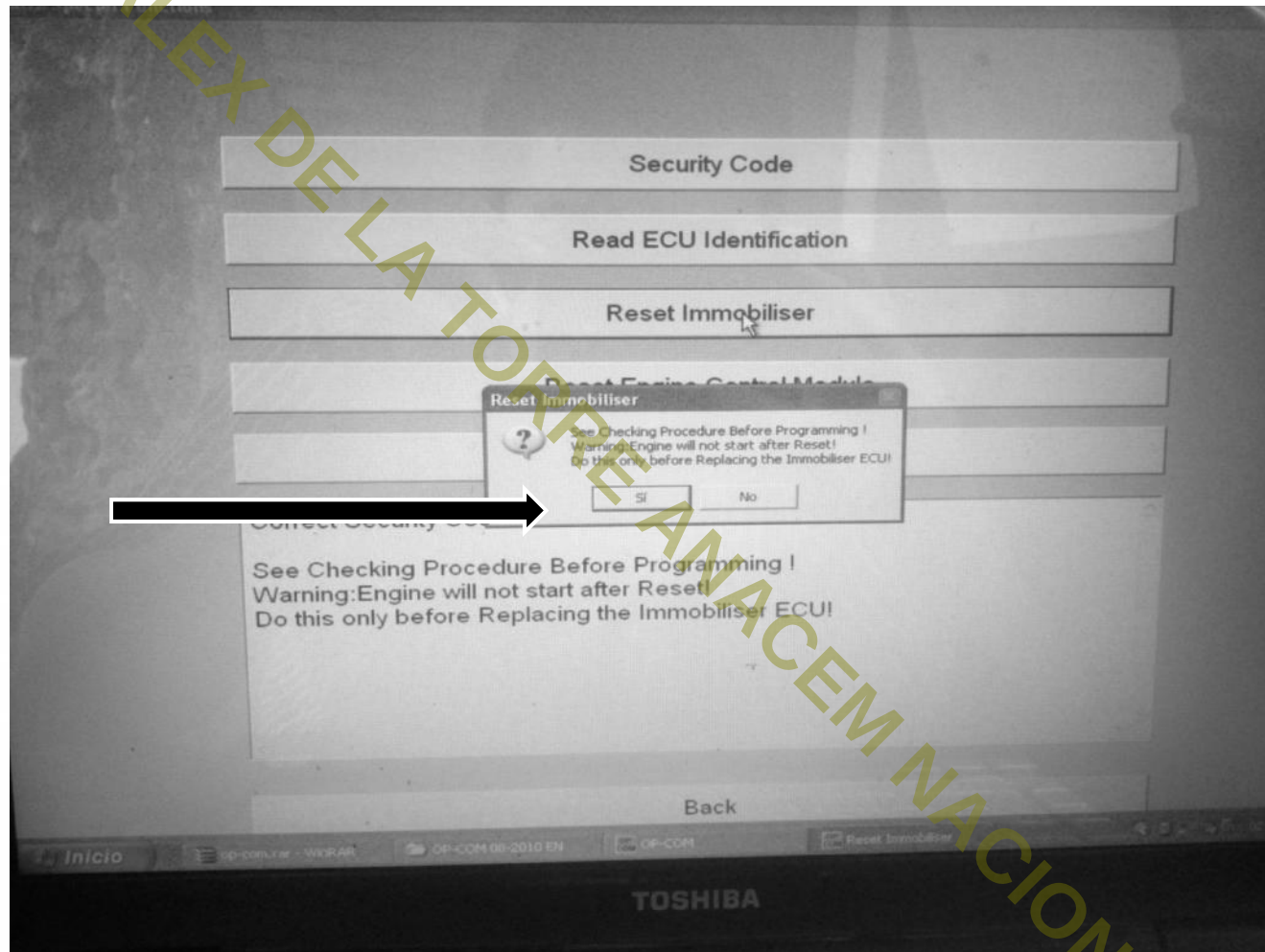
PASO 9

SELECCIONAR "RESET INMOBILISER"



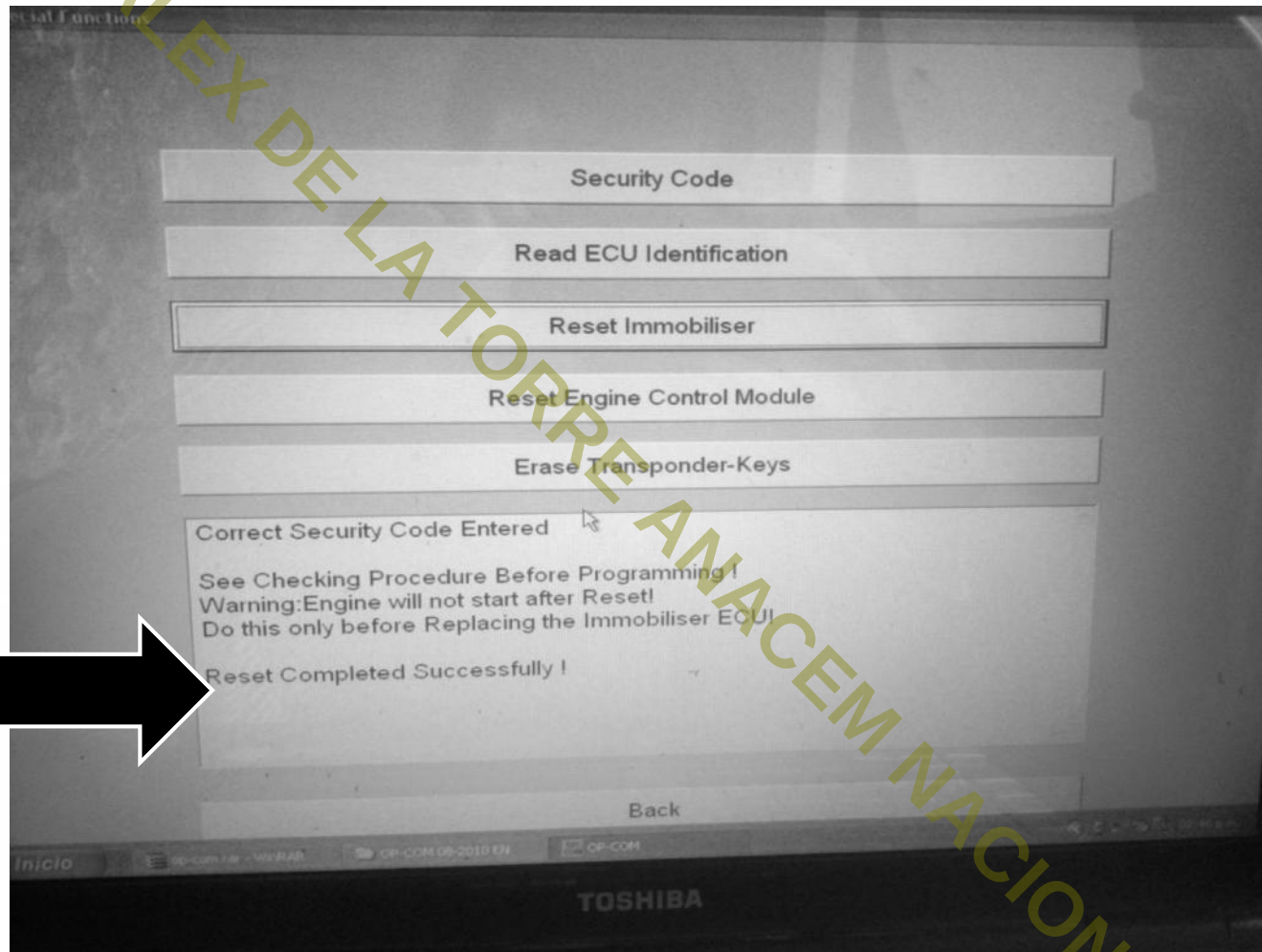
PASO 10

SELECCIONAR "SI"



PASO 11

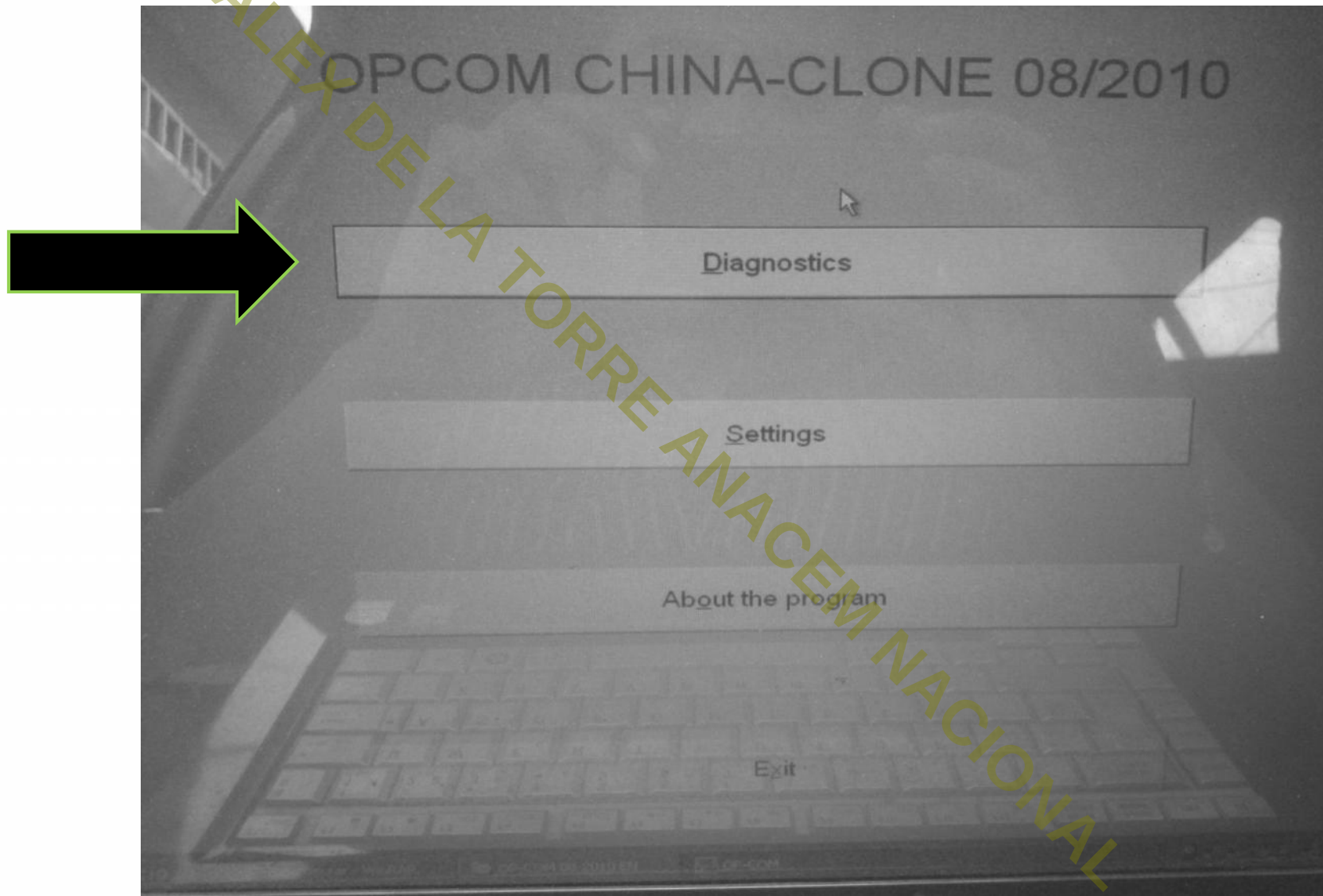
VERIFICAMOS



PROCEDIMIENTO PARA PROGRAMAR EL INMOVILIZADOR, PCMY LA SEÑAL ANTITHEFT

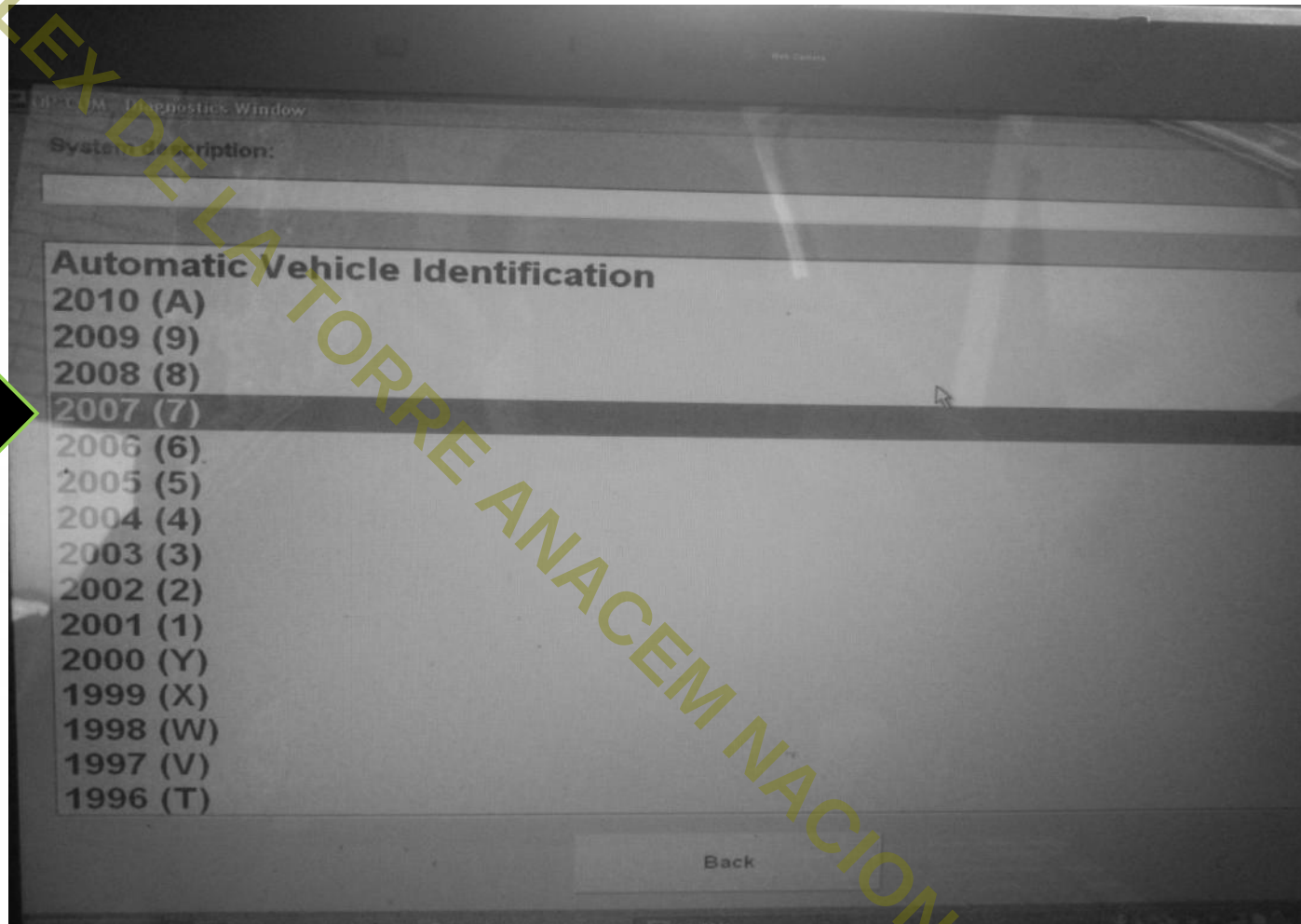
PASO 1

SELECCIONAR "DIAGNOSTICO"



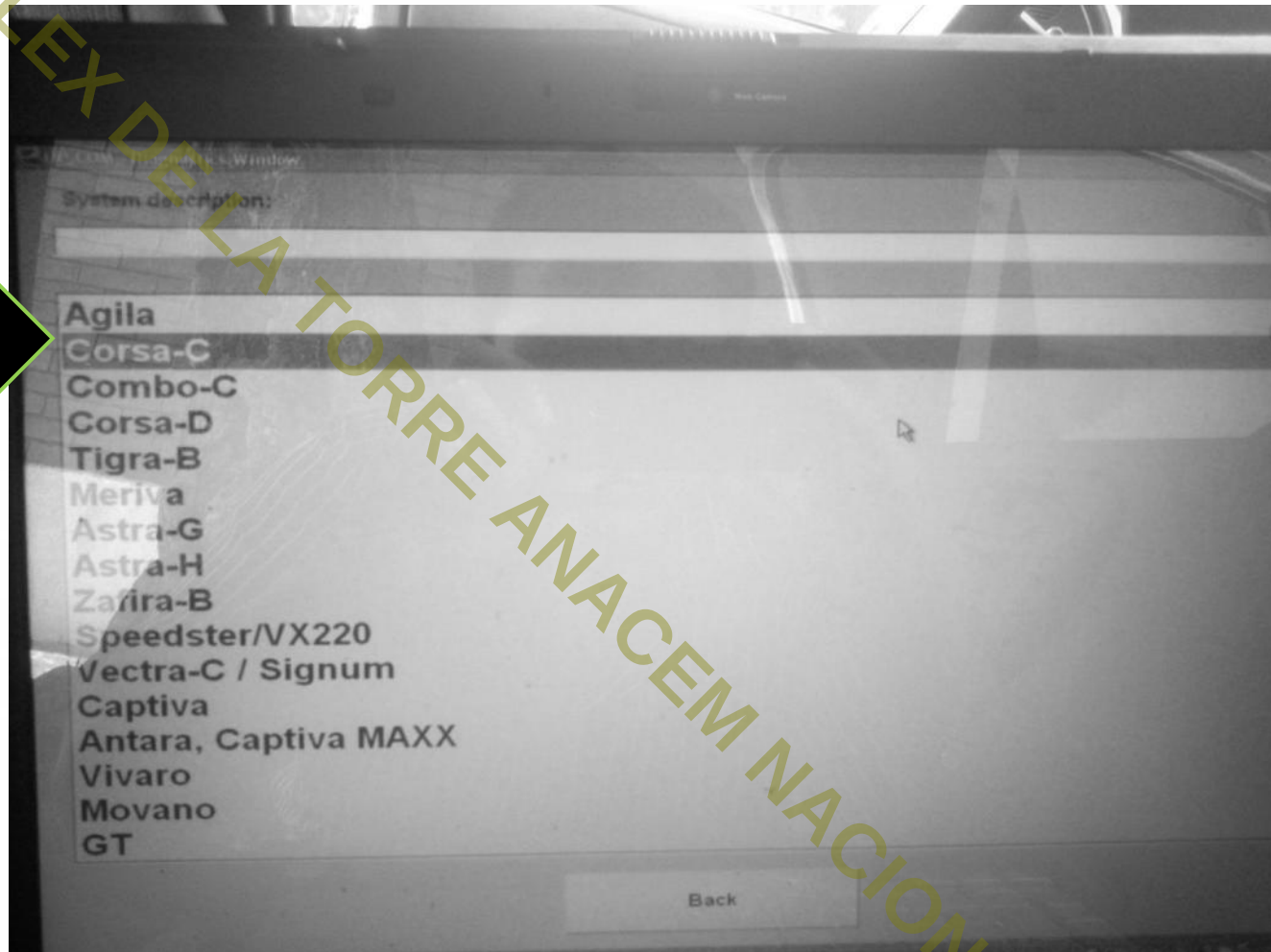
PASO 2

SELECCIONAR "AÑO"



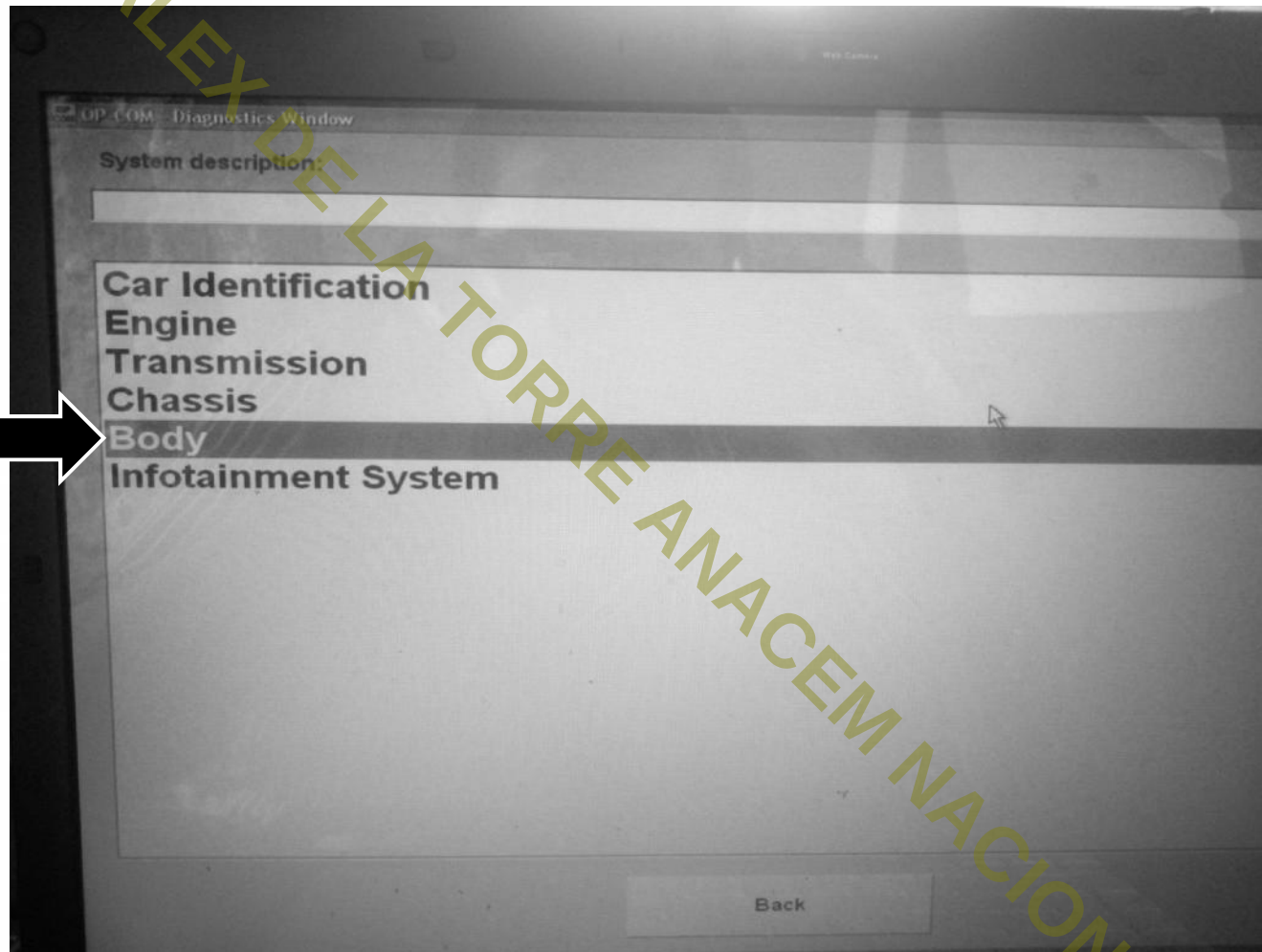
PASO 3

SELECCIONAR "TIPO"



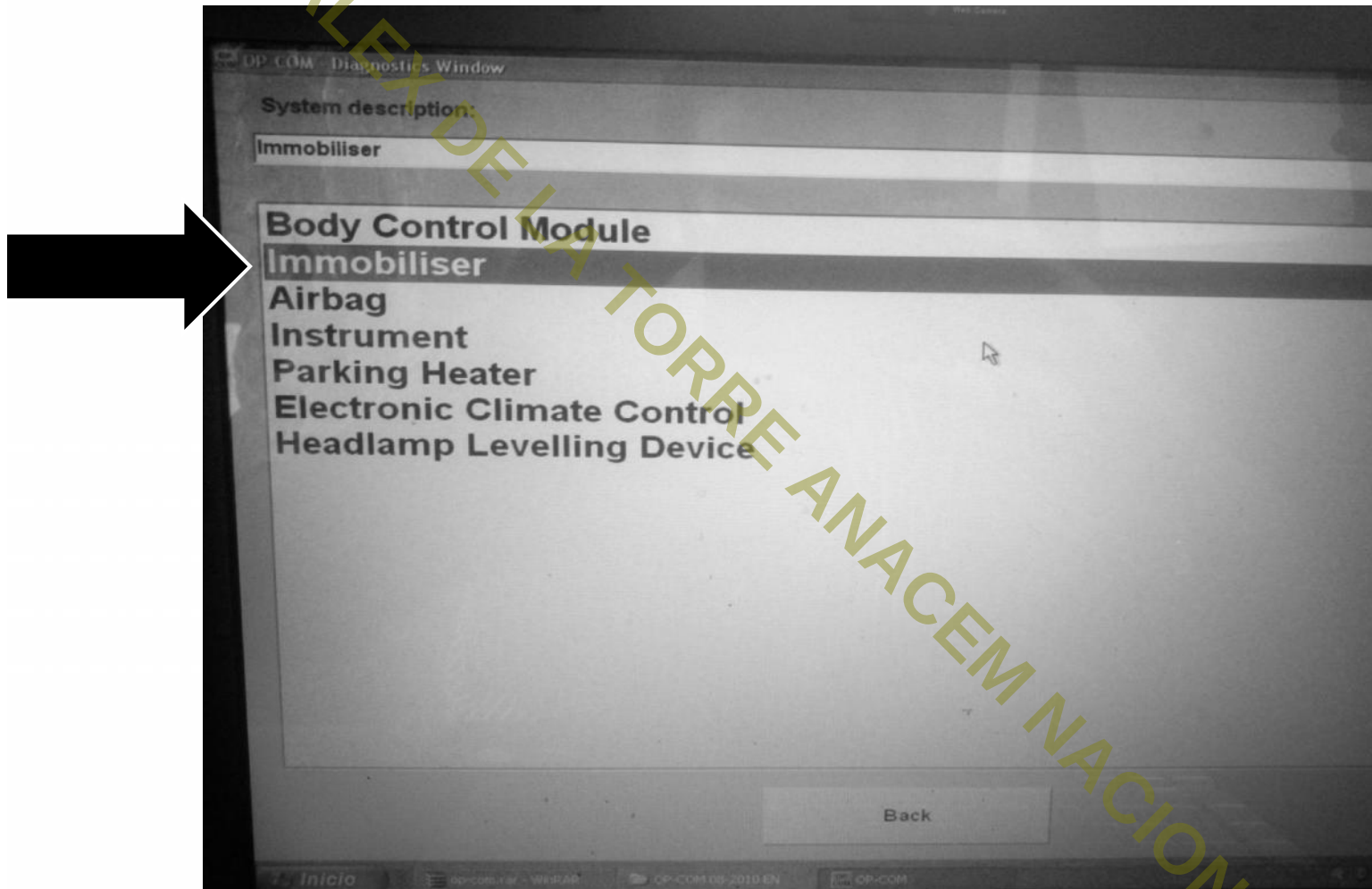
PASO 4

SELECCIONAR "BODY"



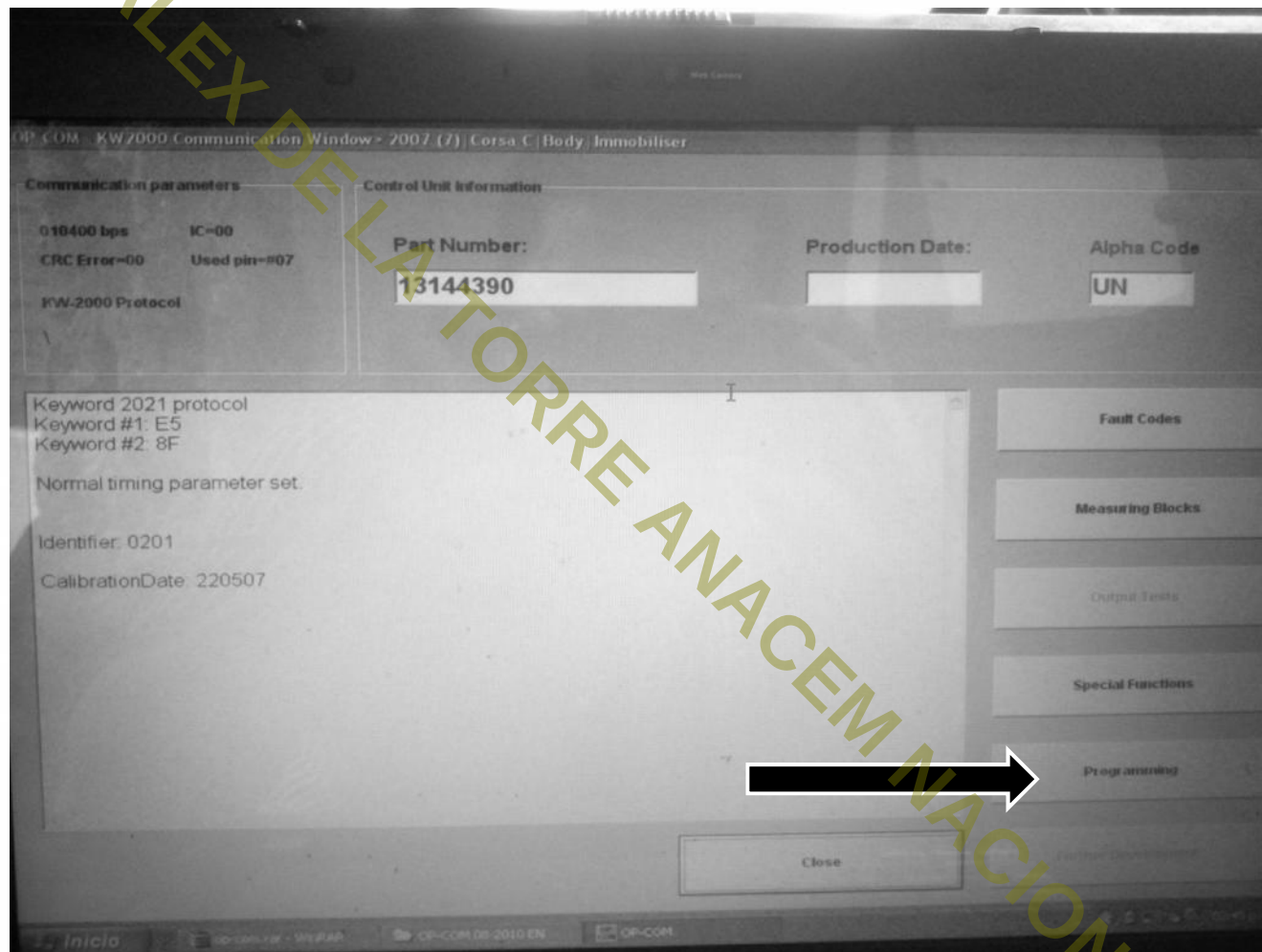
PASO 5

SELECCIONAR "INMOBILISER"



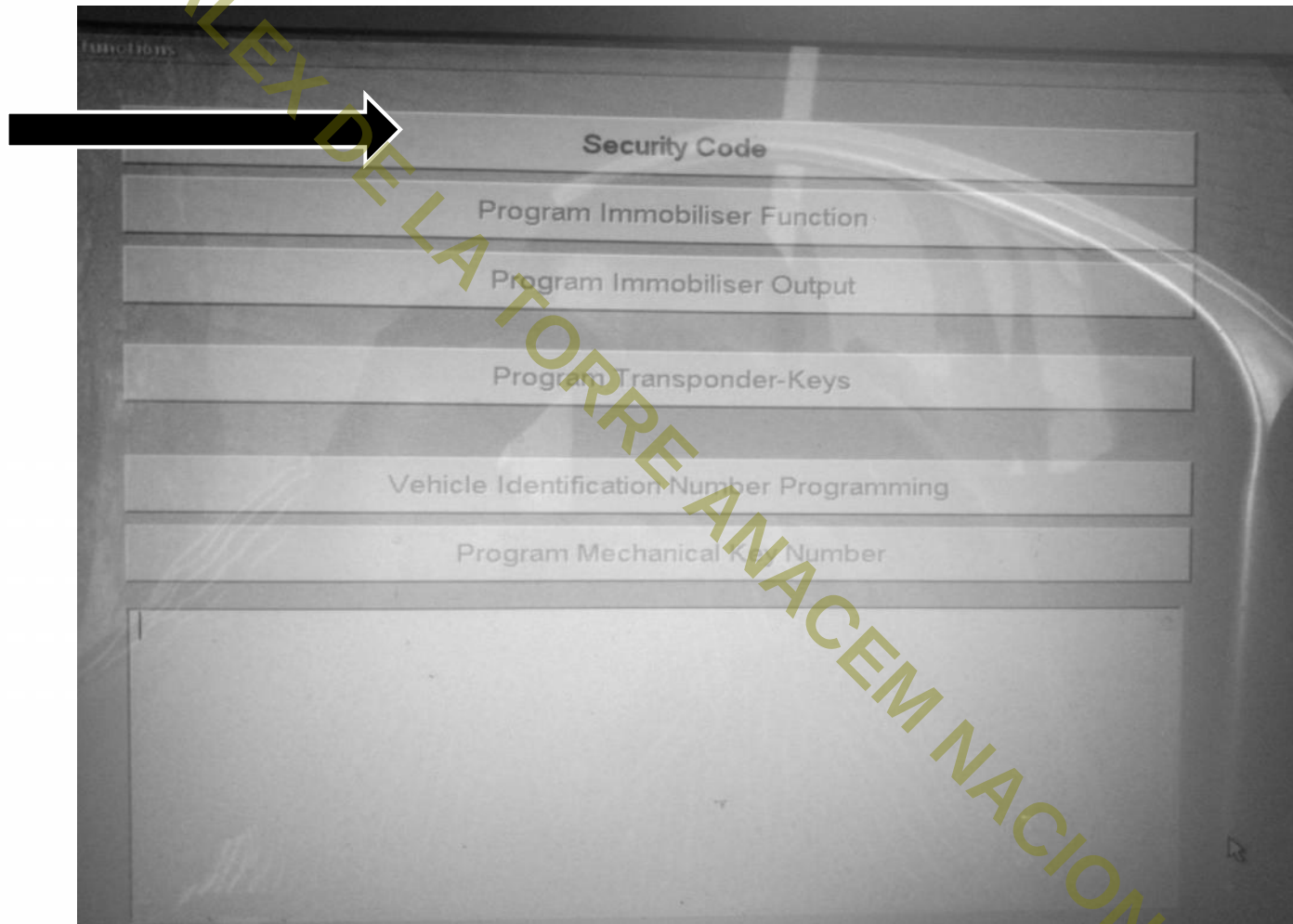
PASO 6

SELECCIONAR "PROGRAMING"



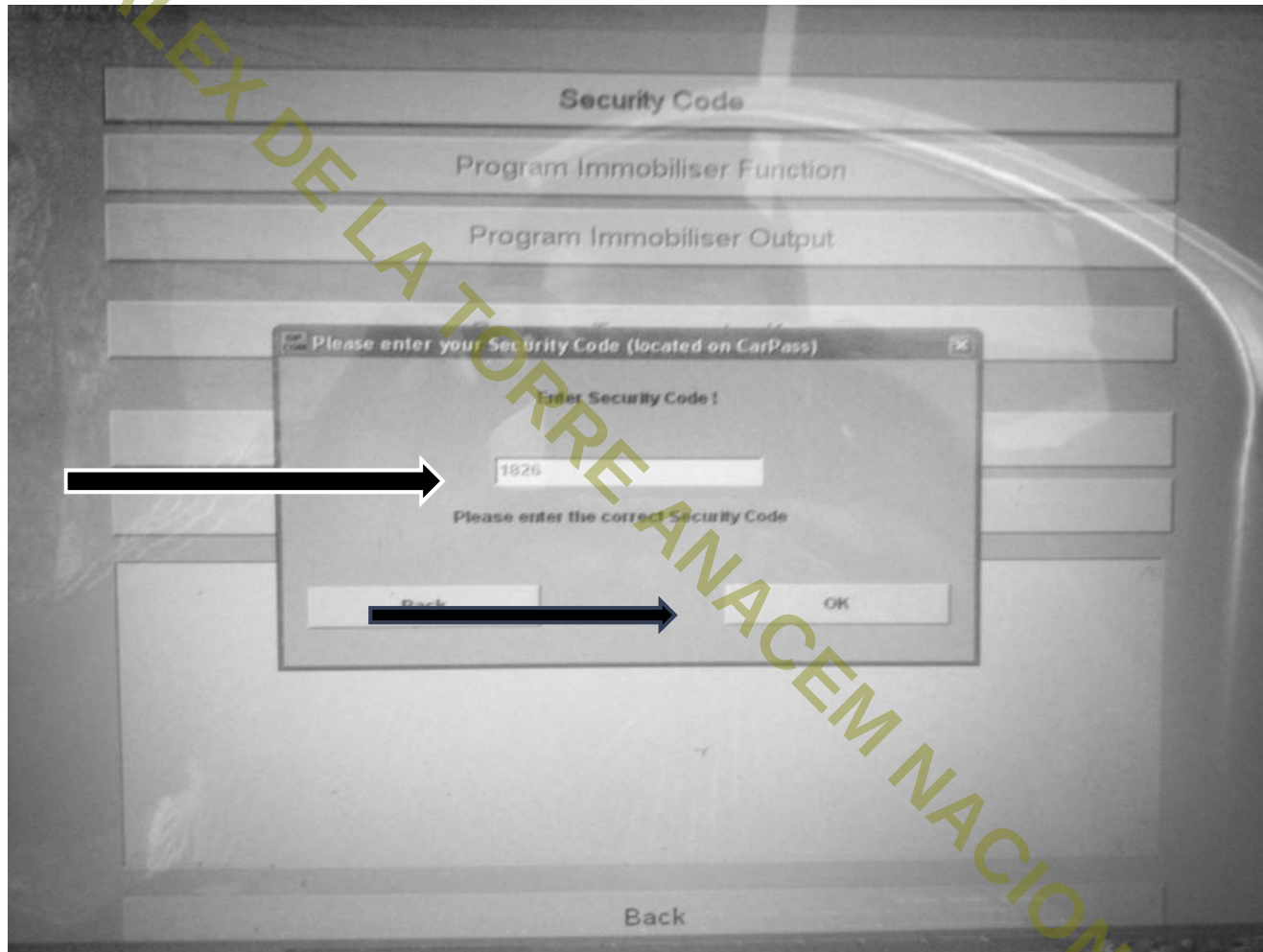
PASO 7

SELECCIONAR "SECURITY CODE"



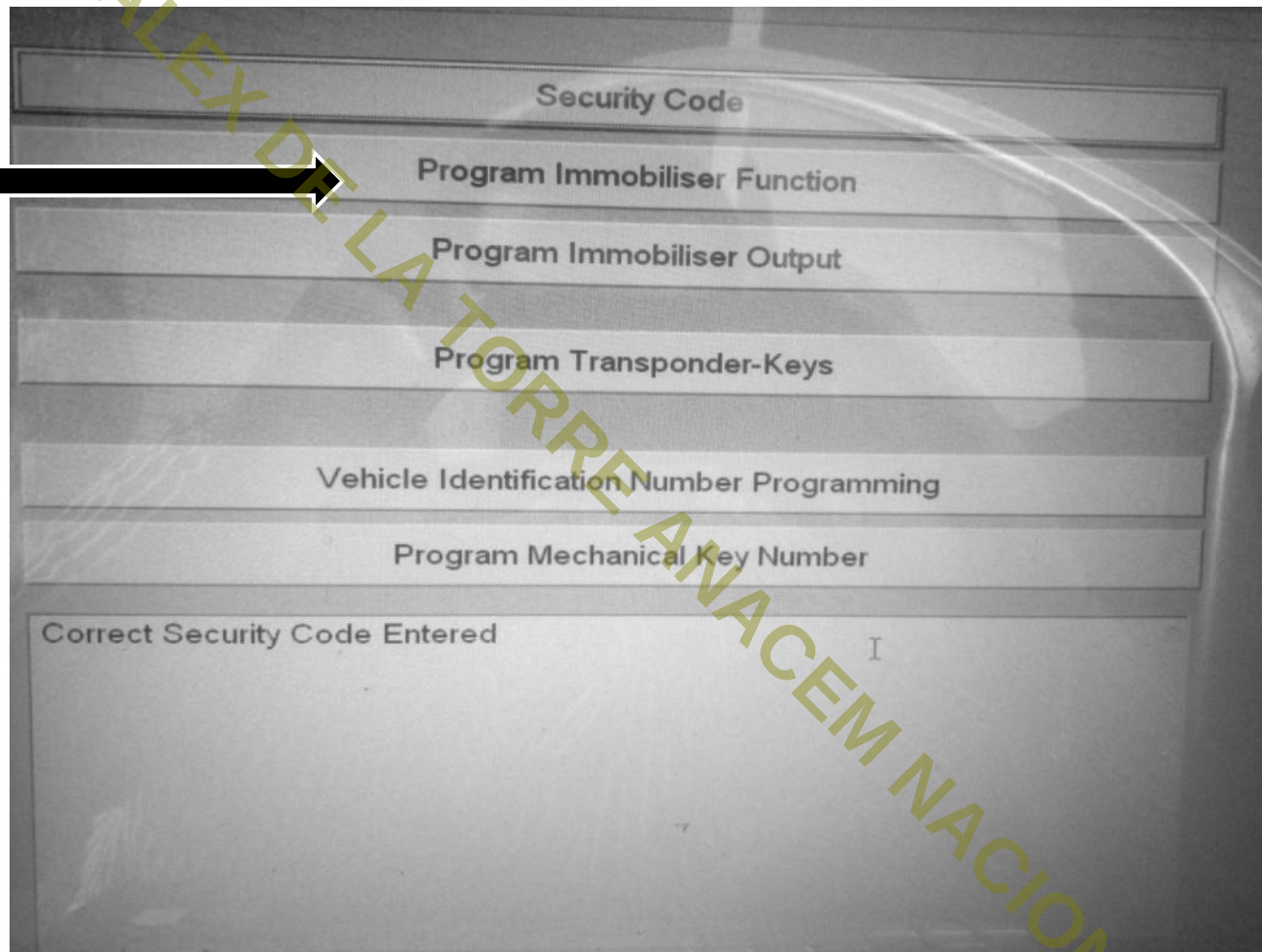
PASO 8

INGRESAMOS EL CODIGO DE SEGURIDAD Y
SELECCIONAMOS "OK"



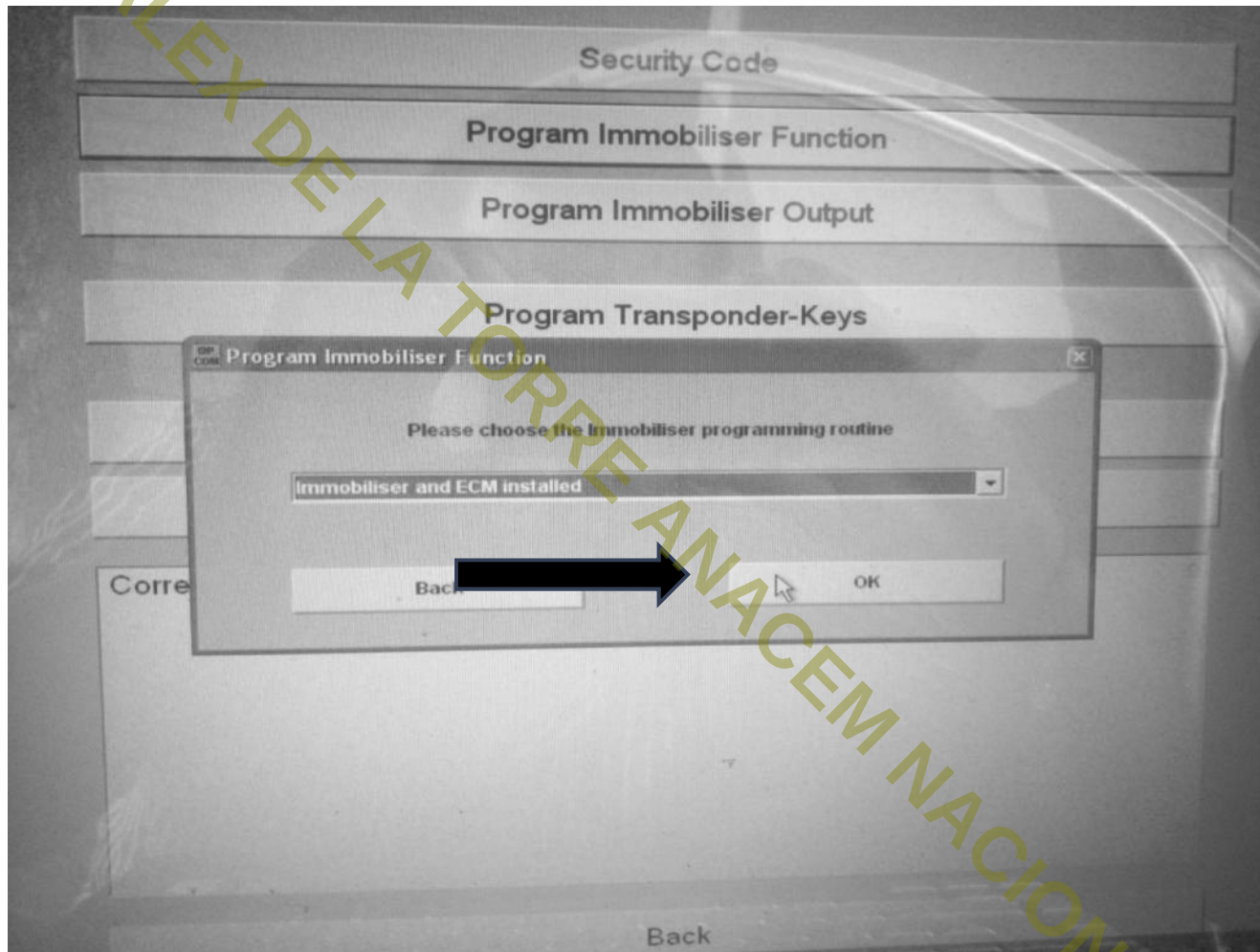
PASO 9

SELECCIONAR "PROGRAM IMMOBILISER
FUNCTION"



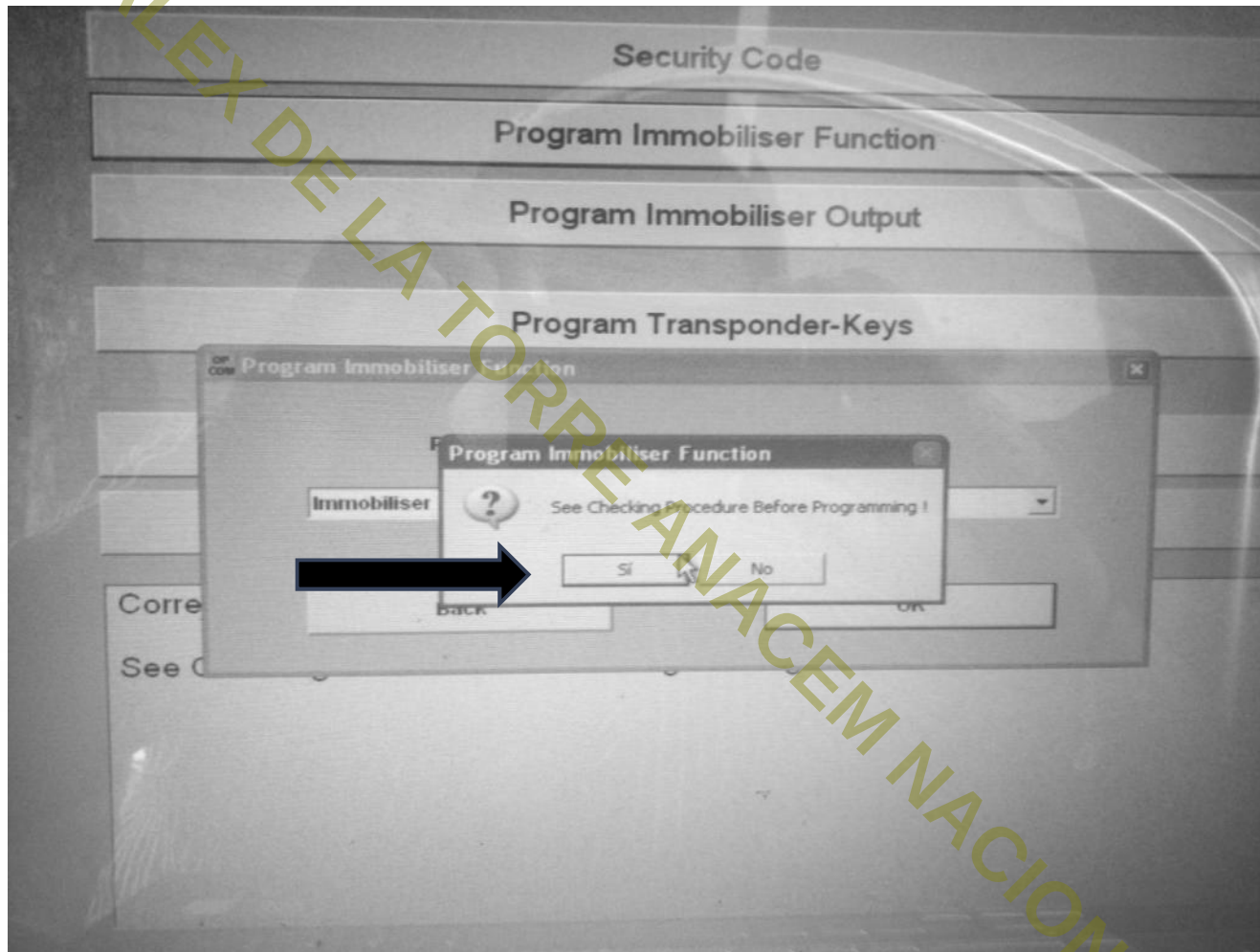
PASO 10

ABRIR PESTAÑA, SELECCIONAR INMOBILISER AND ECM
INSTALL Y SELECCIONAR "OK"



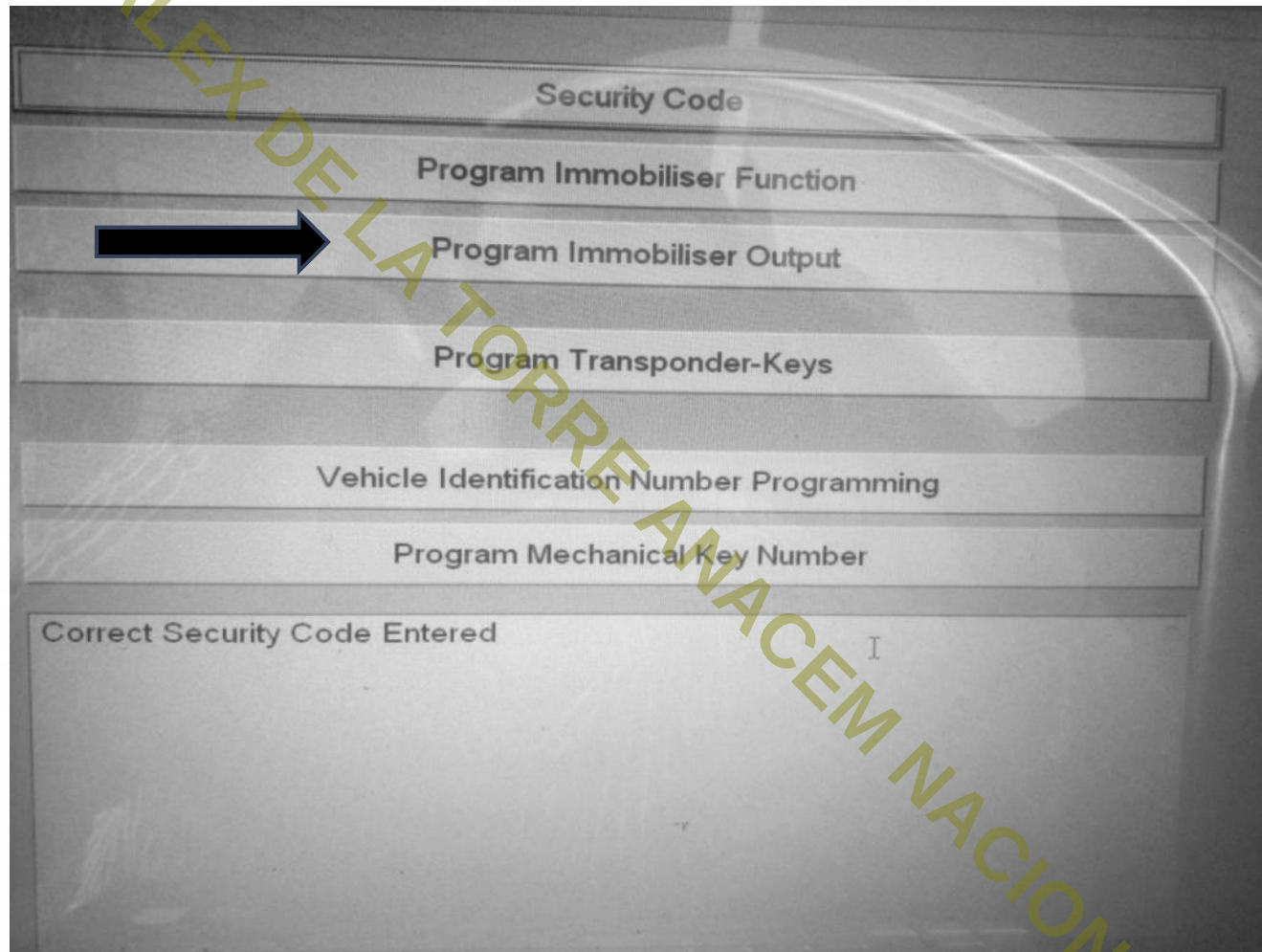
PASO 11

SELECCIONAR "SI"



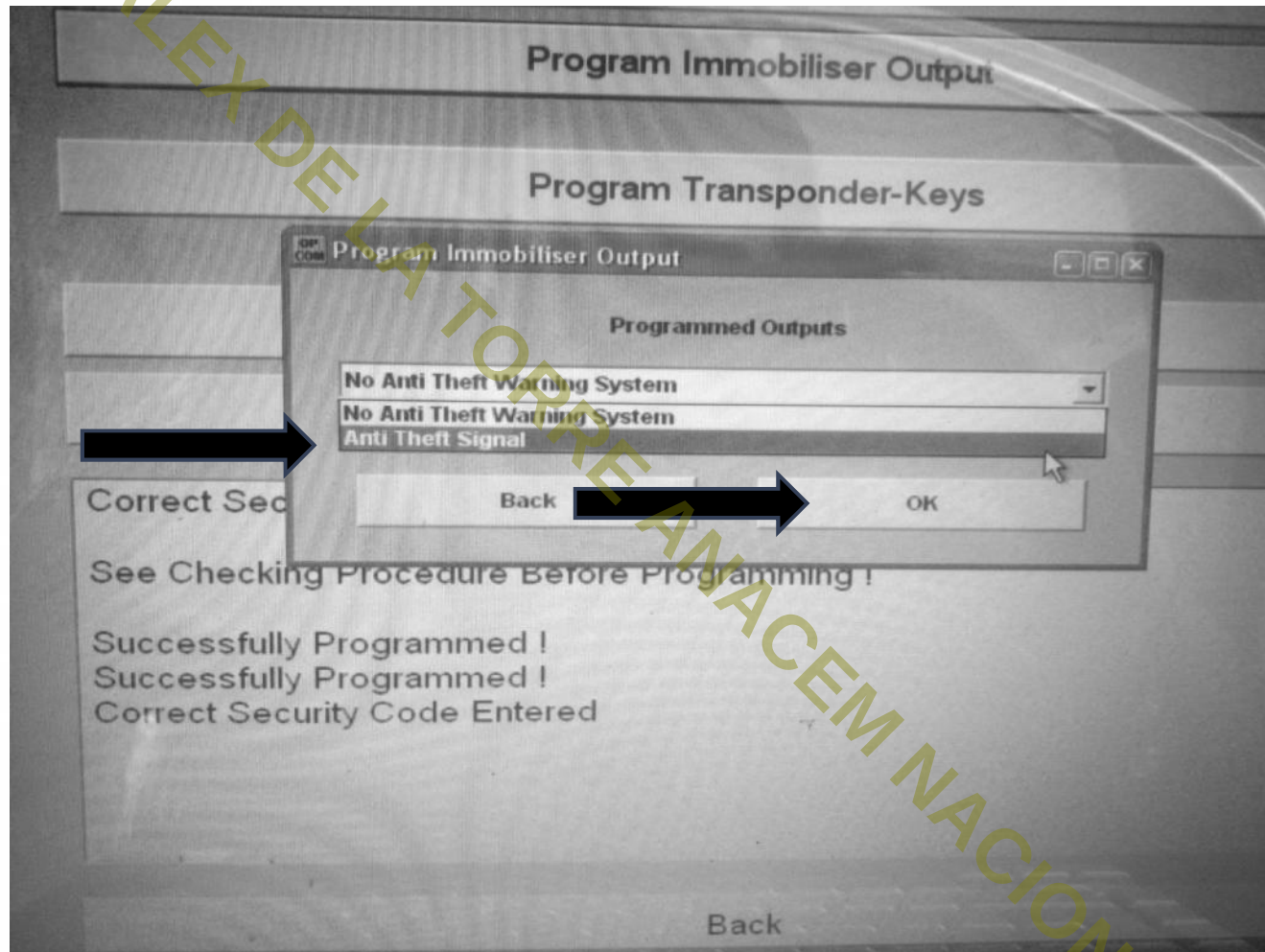
PASO 12

SELECCIONA PROGRAM IMMOBILISER OUTPUT



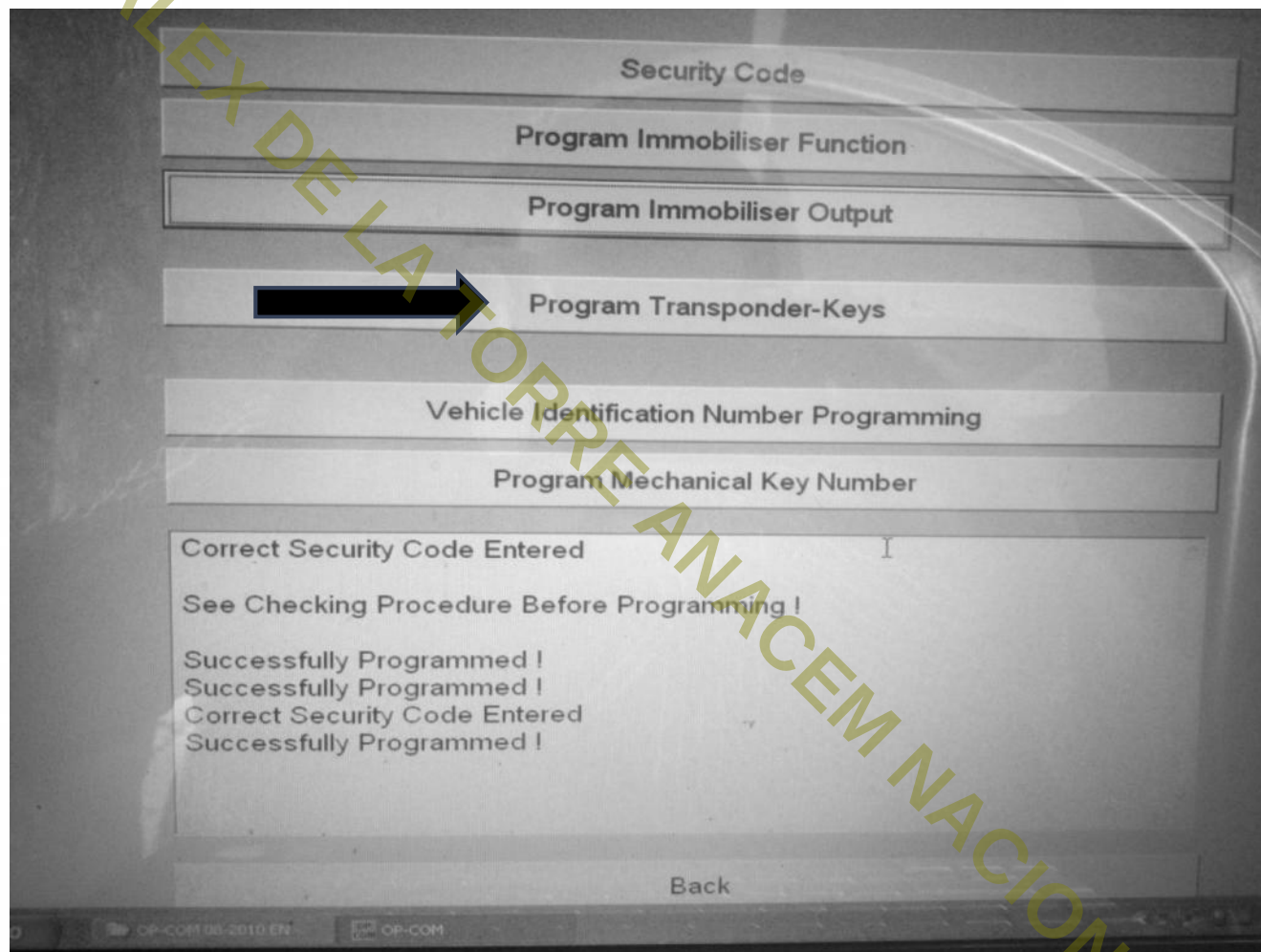
PASO 13

ABRIR PESTAÑA Y SELECCIONAR ANTITHEFT SIGNAL Y DESPUES SELECCIONAR "OK"



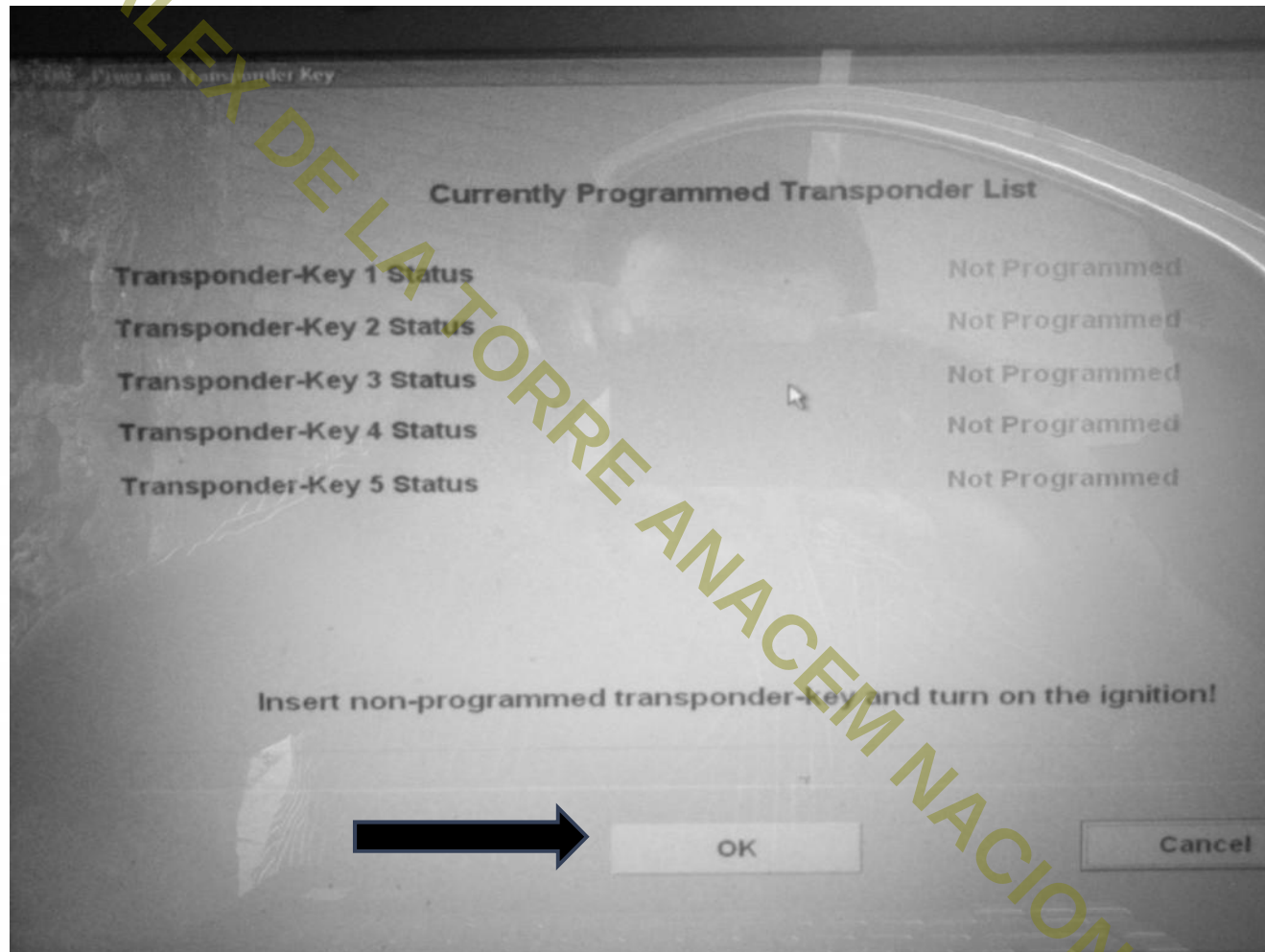
PASO 14

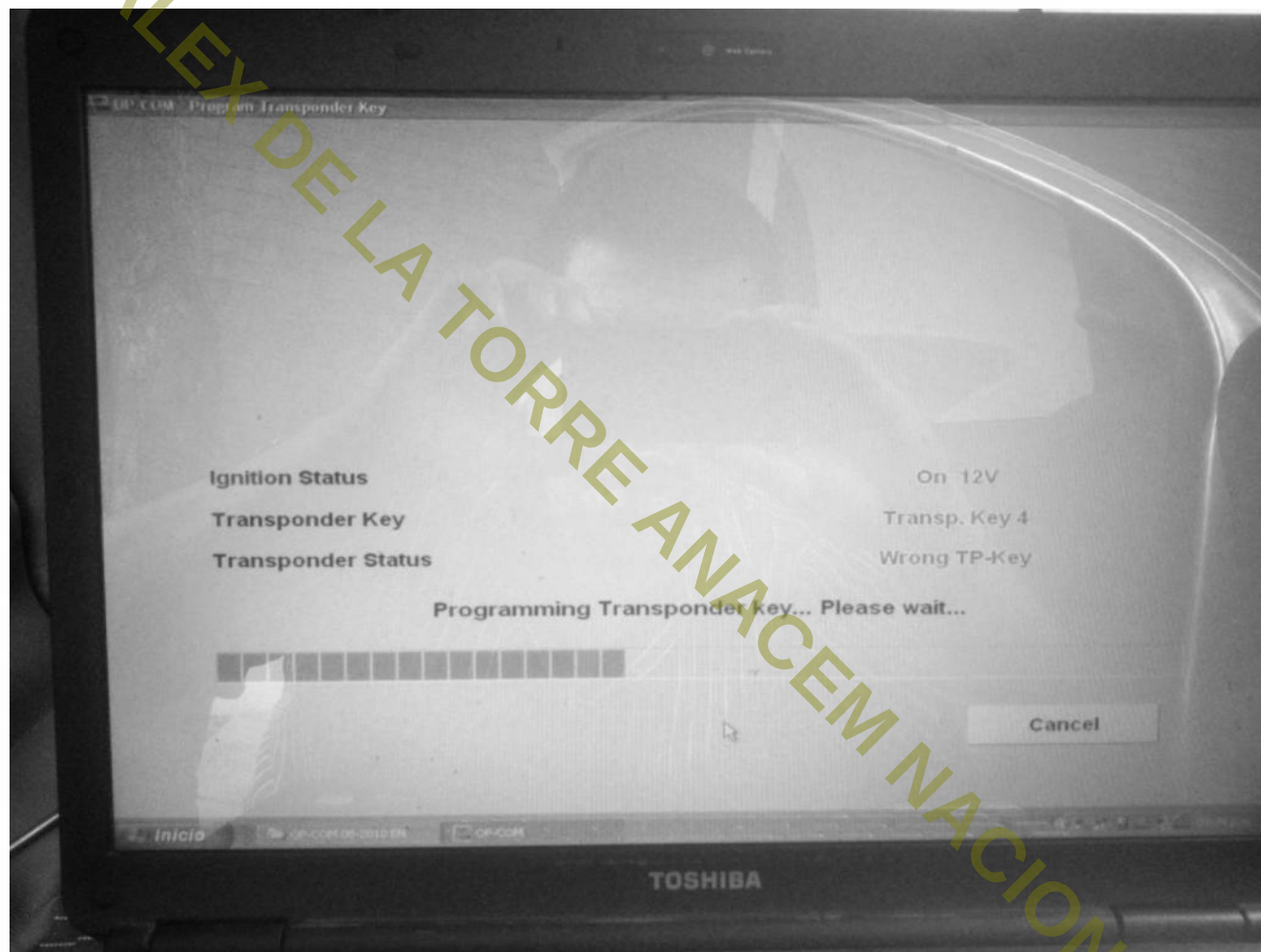
PROGRAMAR LLAVE



PASO 15

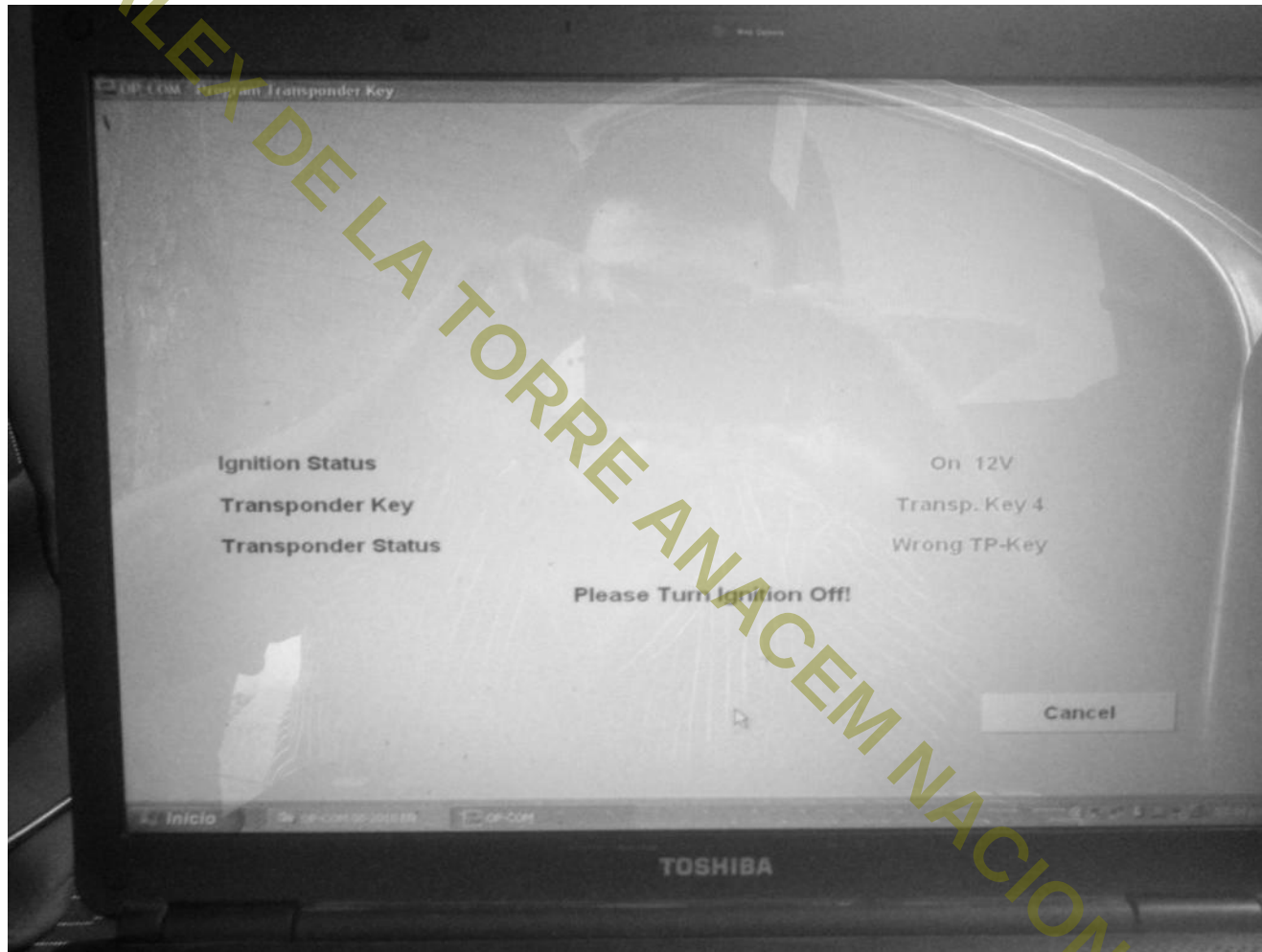
PONER EL SWITCH EN ON Y SELECCIONAR "OK"





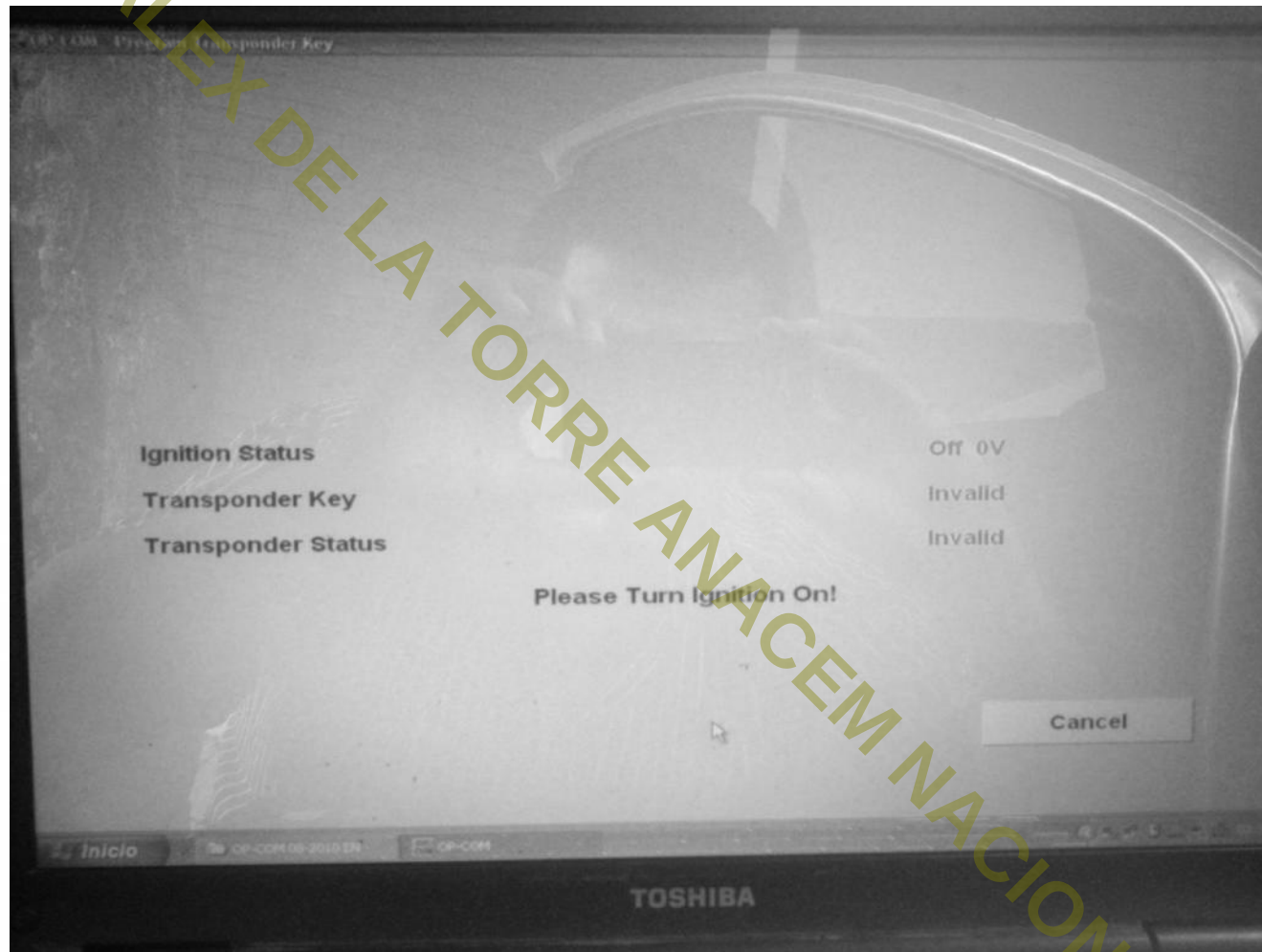
PASO 16

PONER EL SWITCH EN OFF



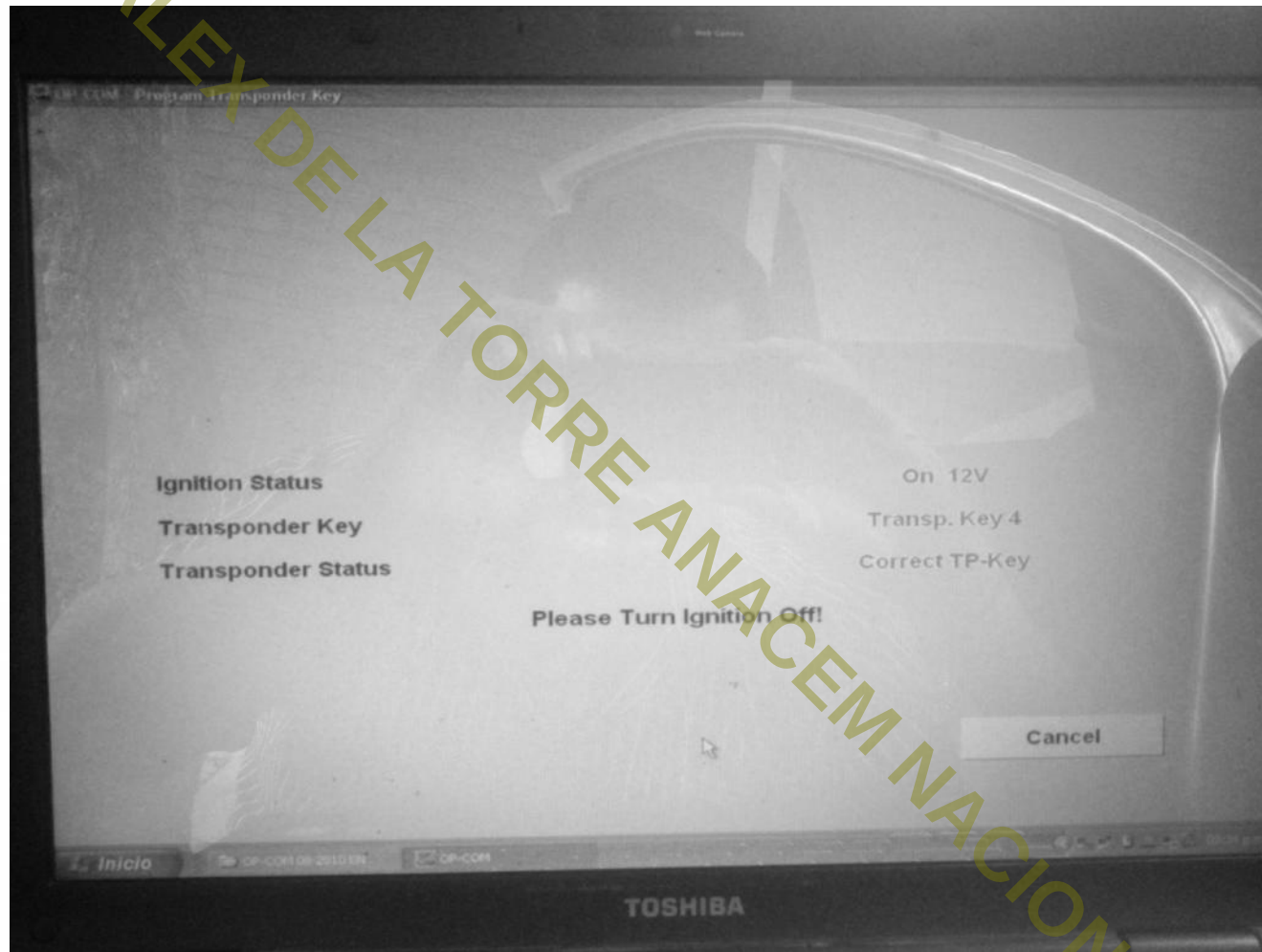
PASO 17

PONER EL SWITCH EN "ON"



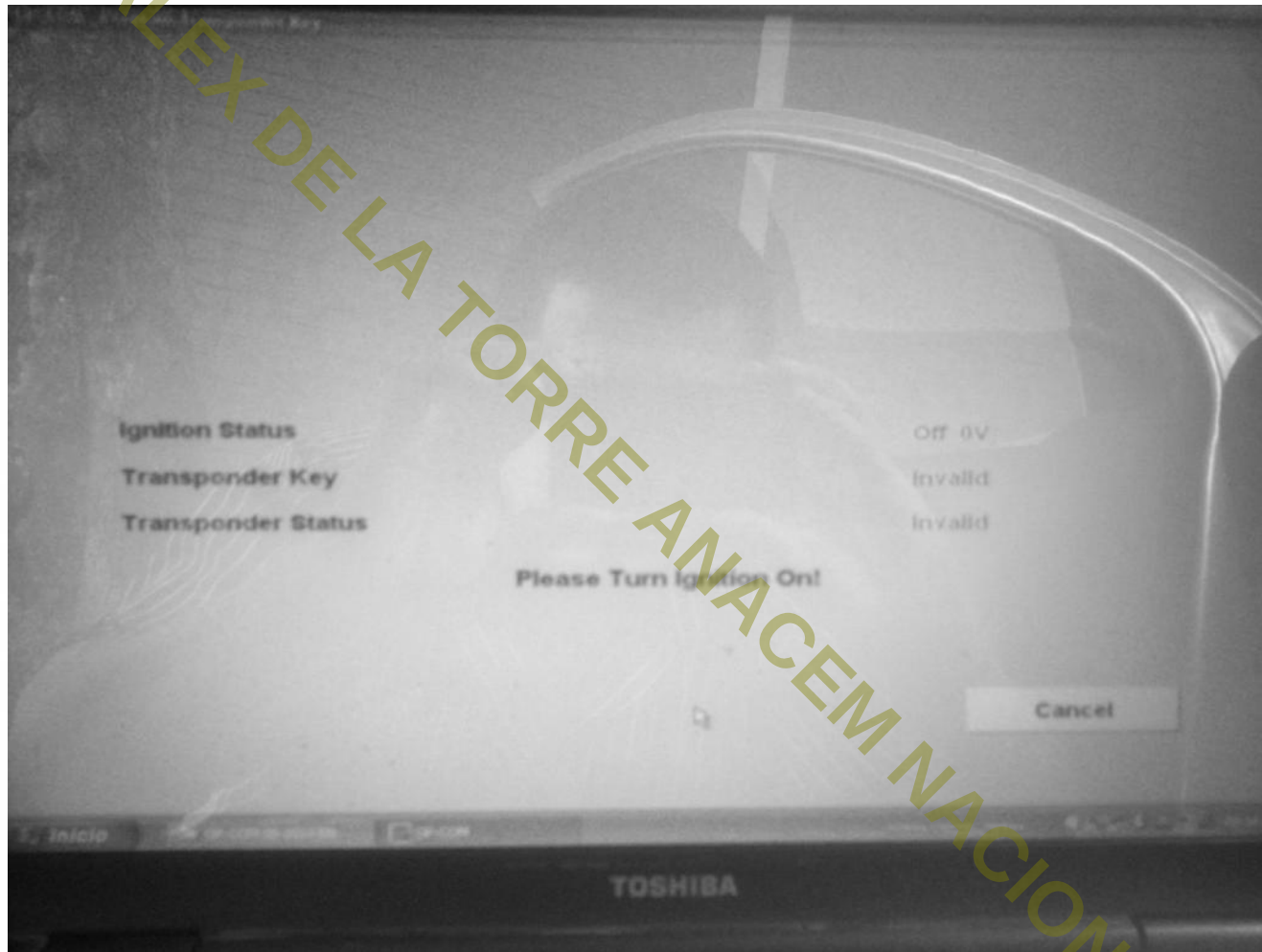
PASO 18

PONER EL SWITCH EN OFF



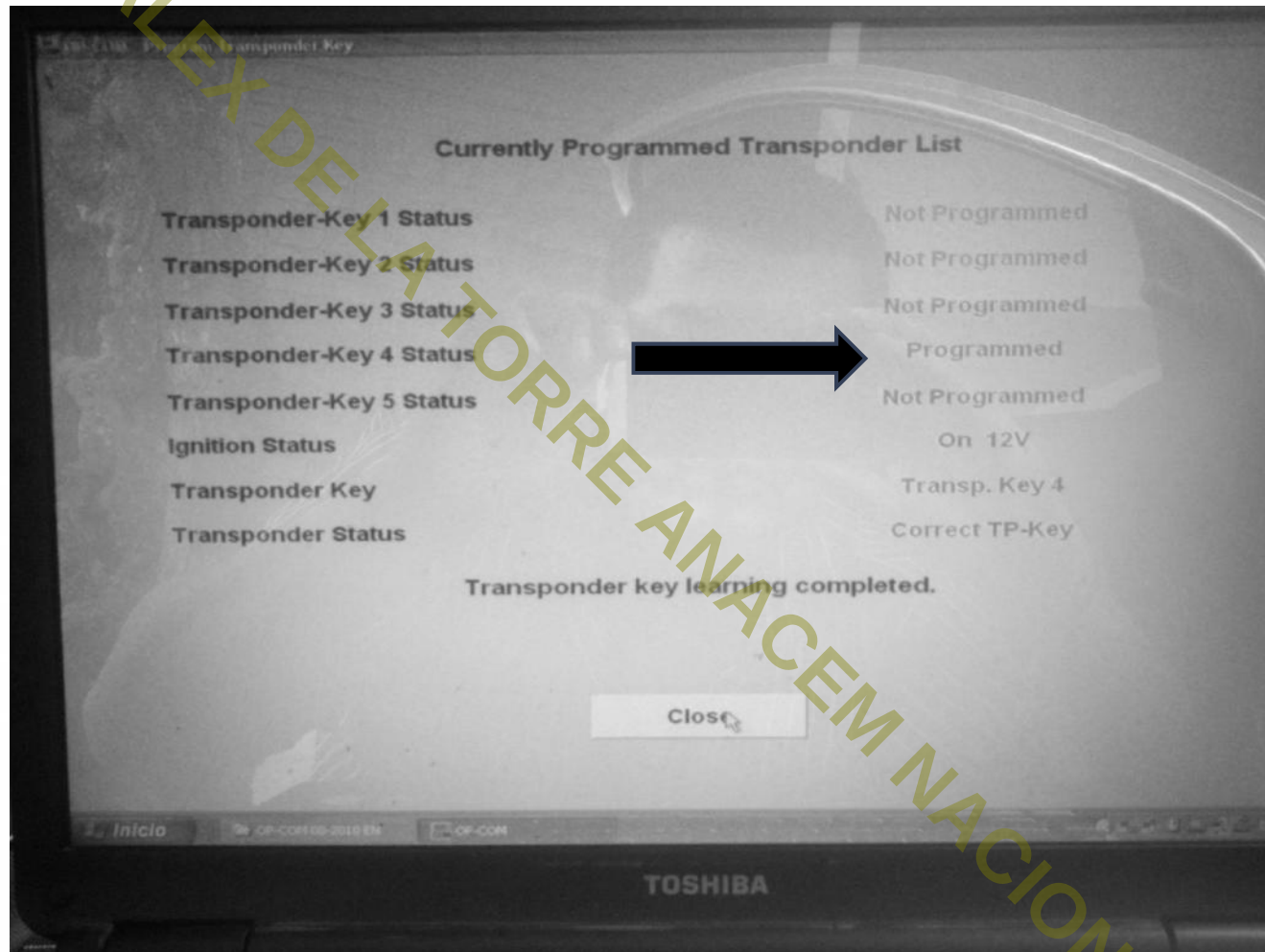
PASO 19

PONER EL SWITCH EN ON



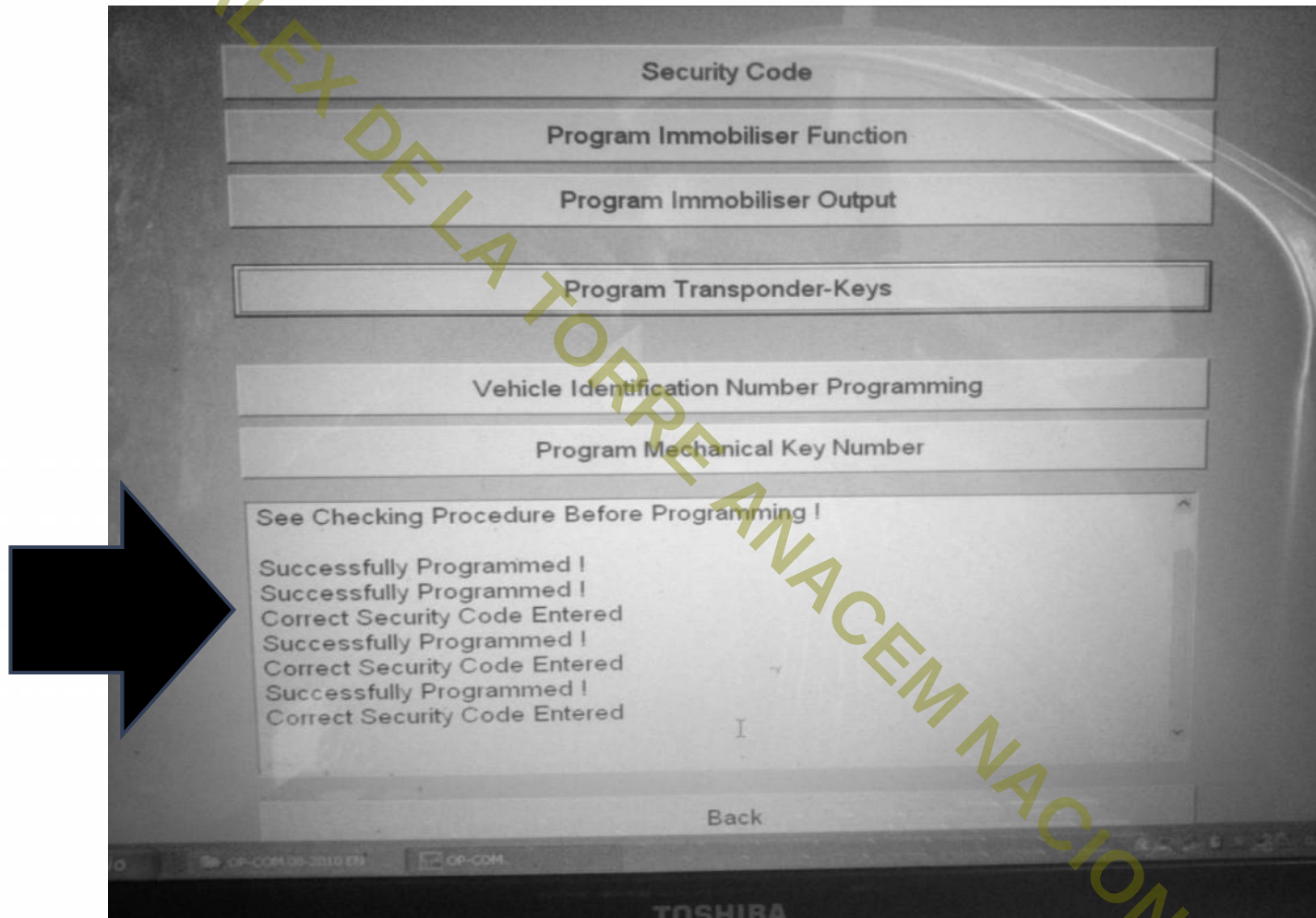
PASO 20

VERIFICAR Q LA LLAVE QUEDO PROGRAMADA

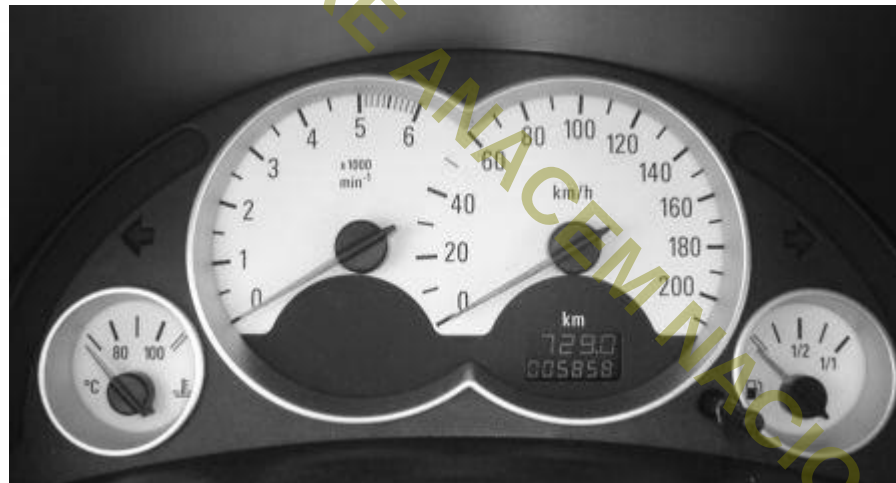


PASO 21

VERIFICAR PROCESOS

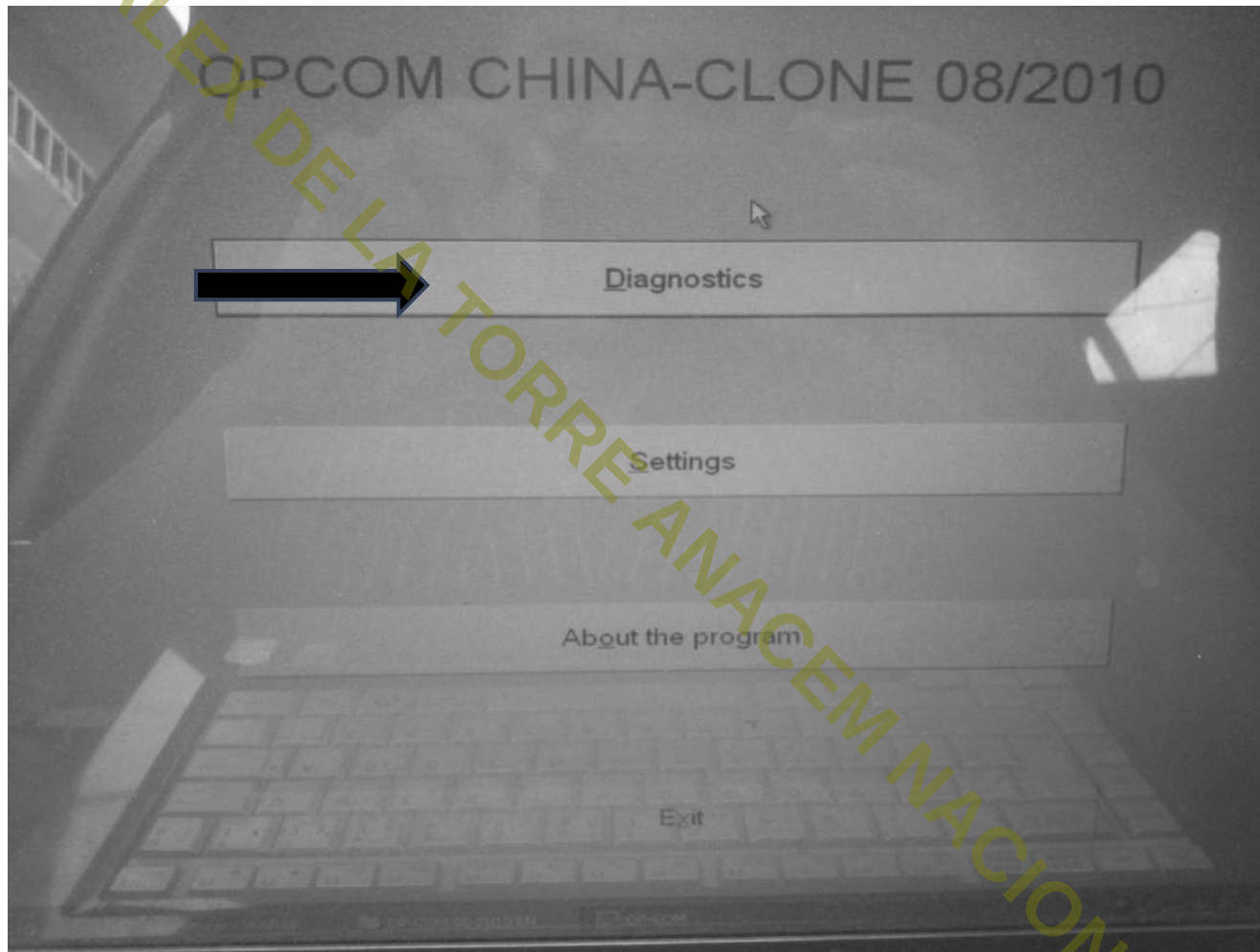


PROCEDIMIENTO PARA PROGRAMAR EL TABLERO



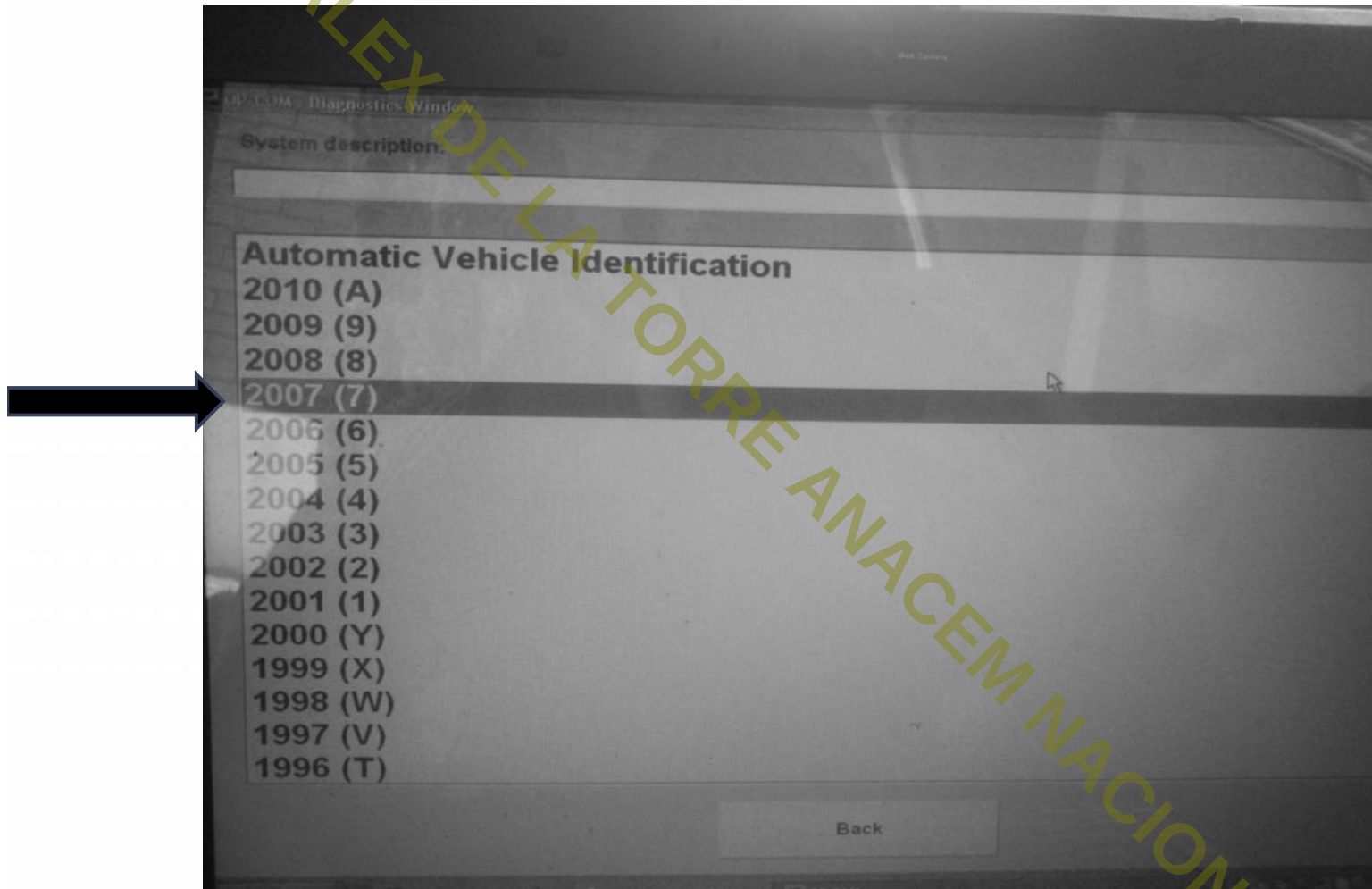
PASO 1

SELECCIONAR "DIAGNOSTICO"



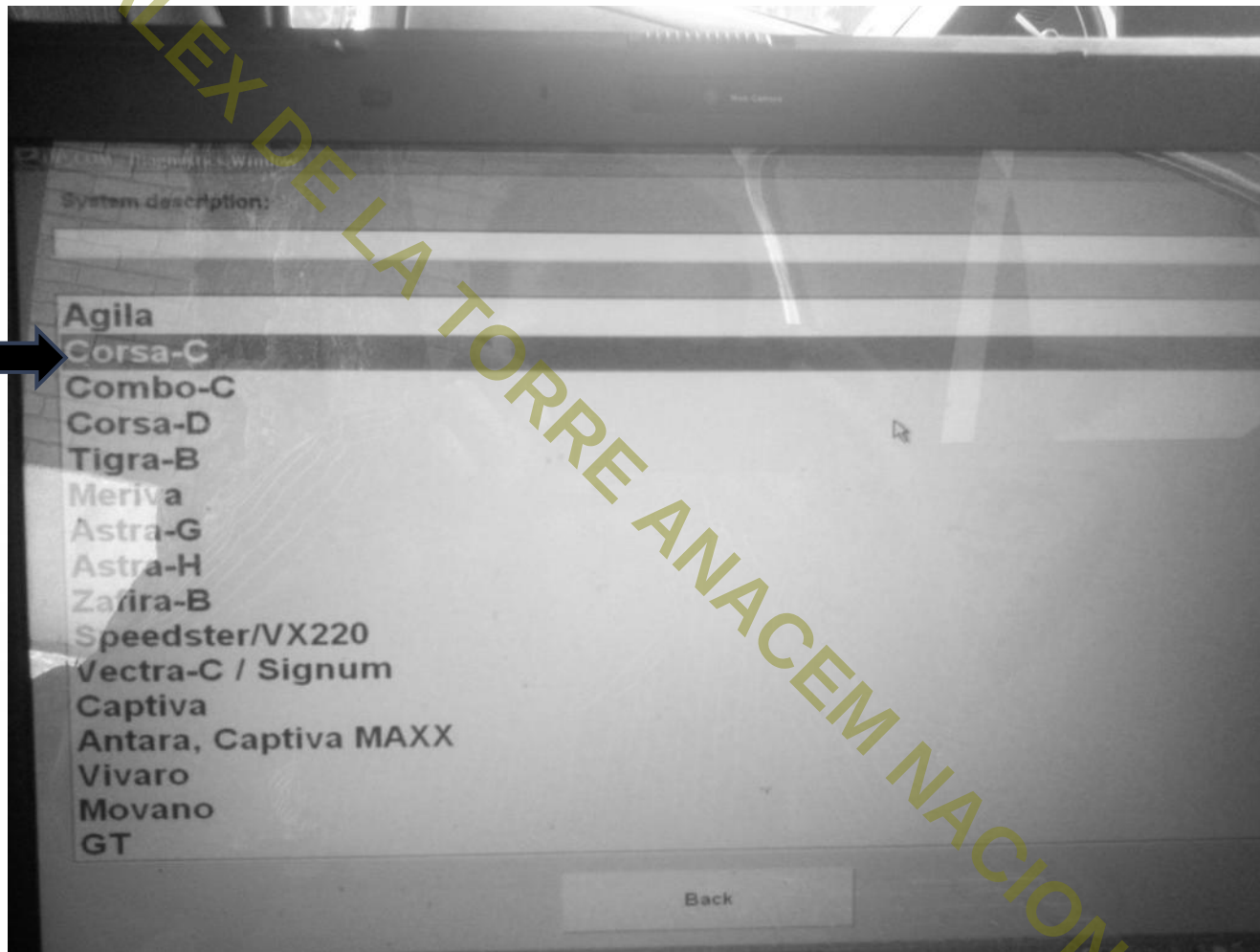
PASO 2

SELECCIONAR "AÑO"



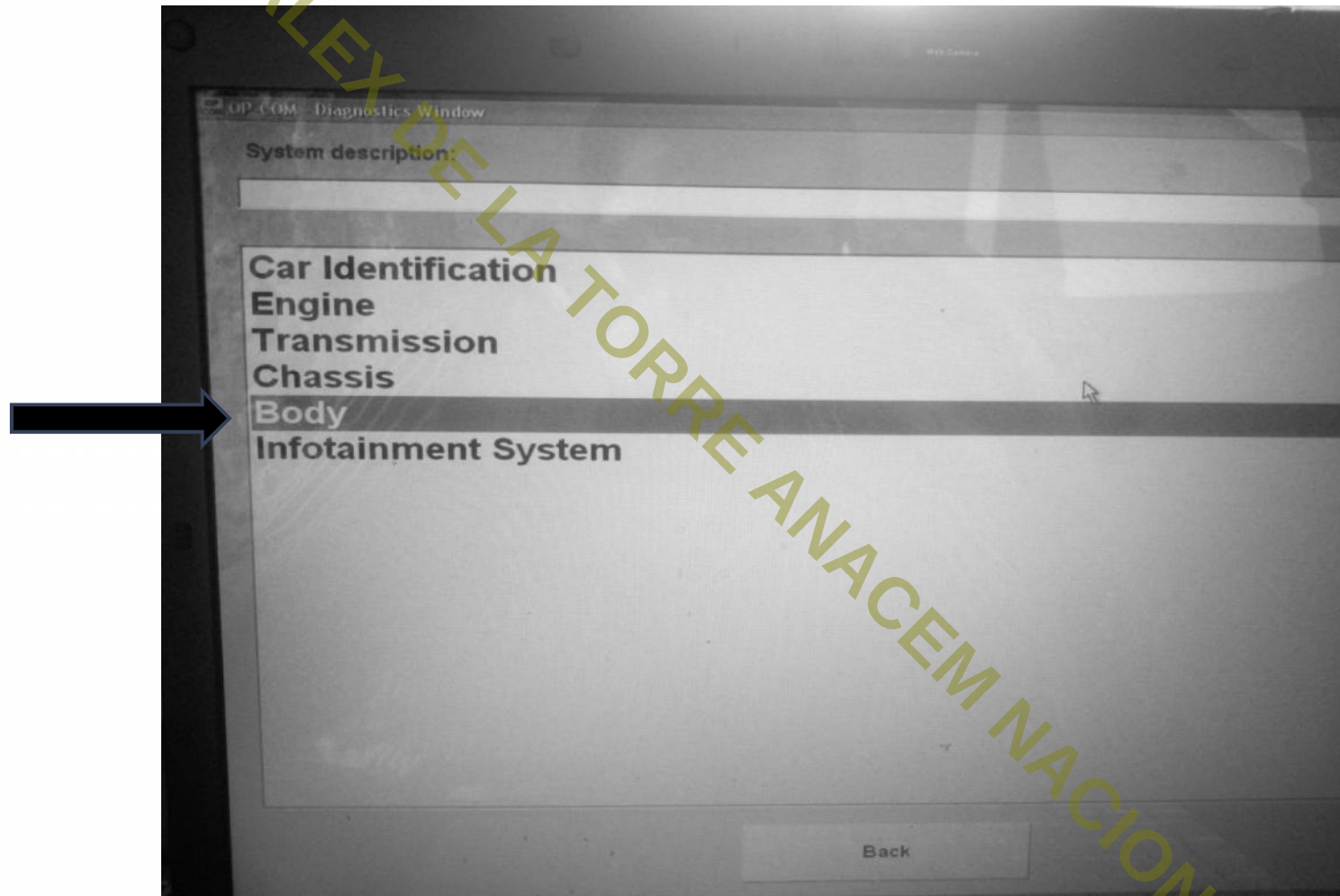
PASO 3

SELECCIONAR "TIPO"



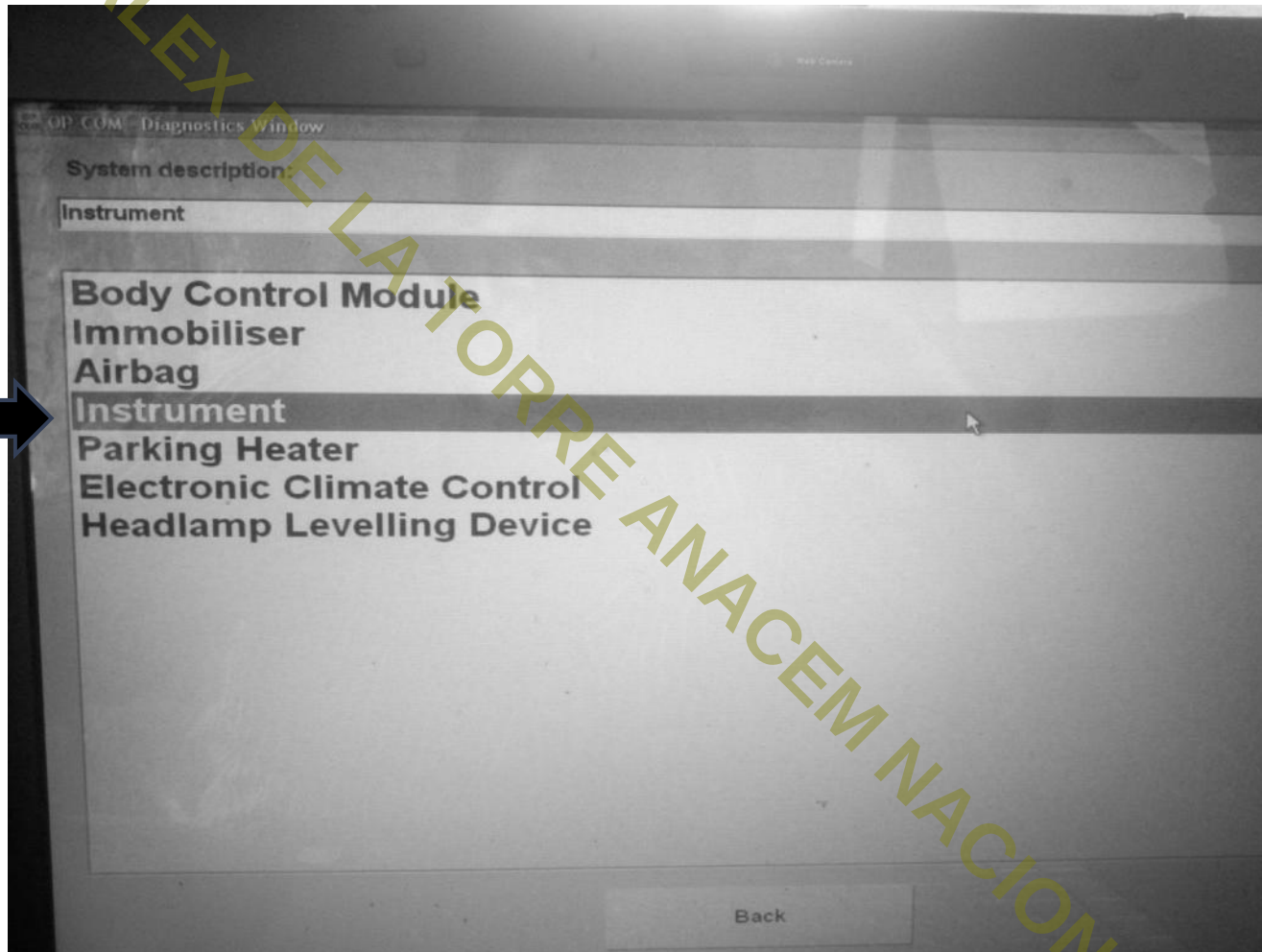
PASO 4

SELECCIONAR "BODY"



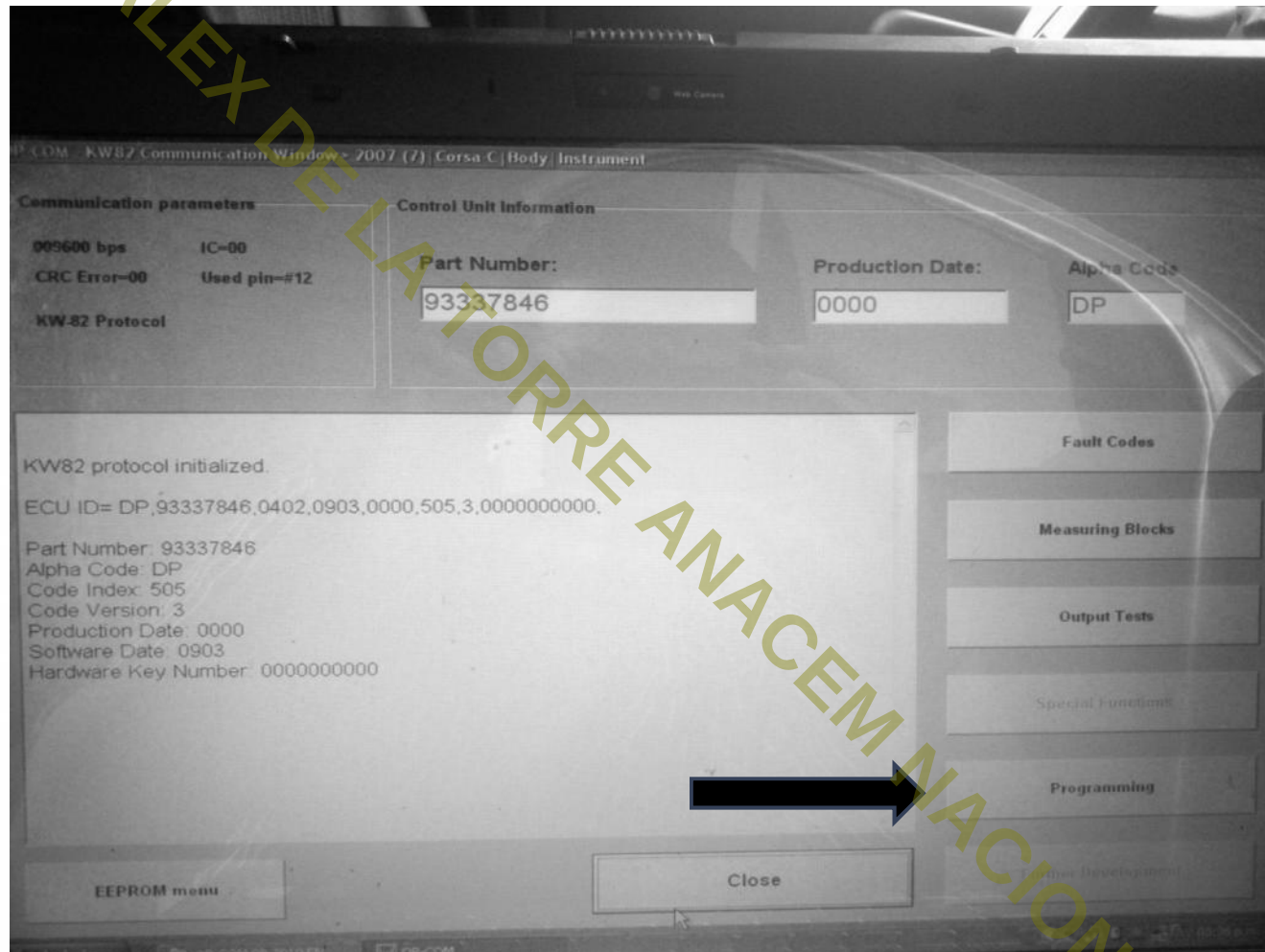
PASO 5

SELECCIONAR "INSTRUMENTS"



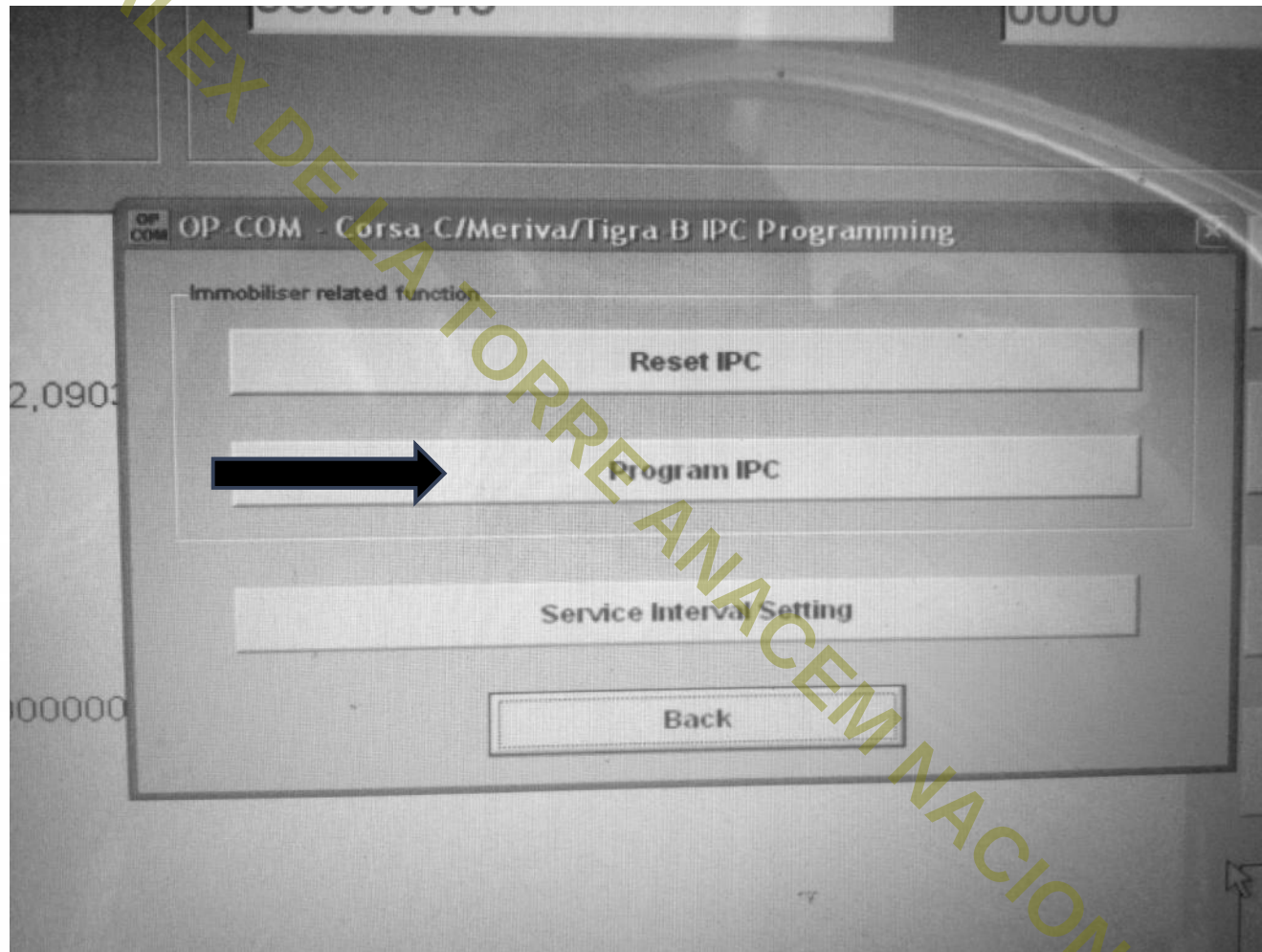
PASO 6

SELECCIONAR "PROGRAMING"



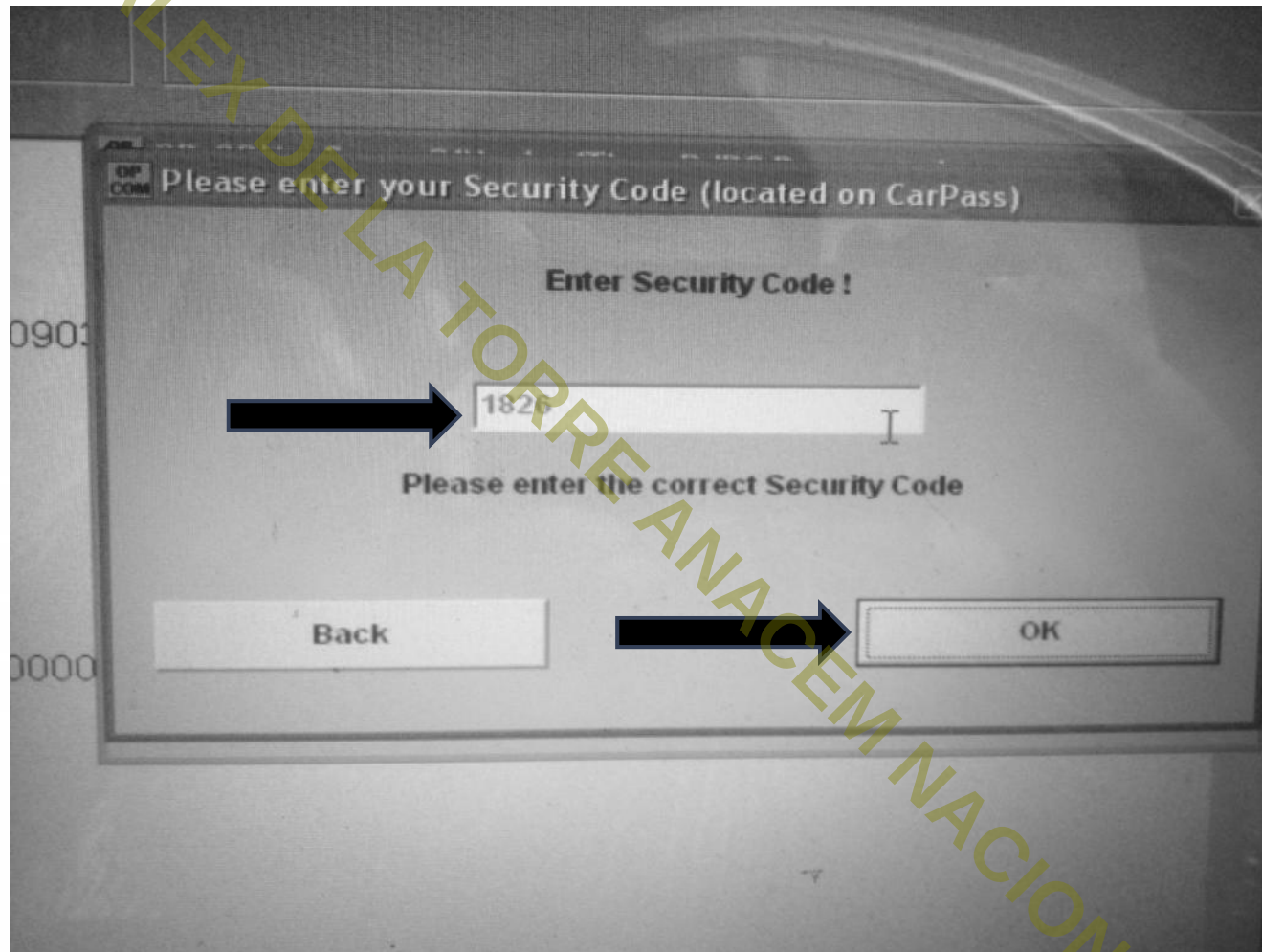
PASO 7

SELECCIONAR PROGRAM IPC



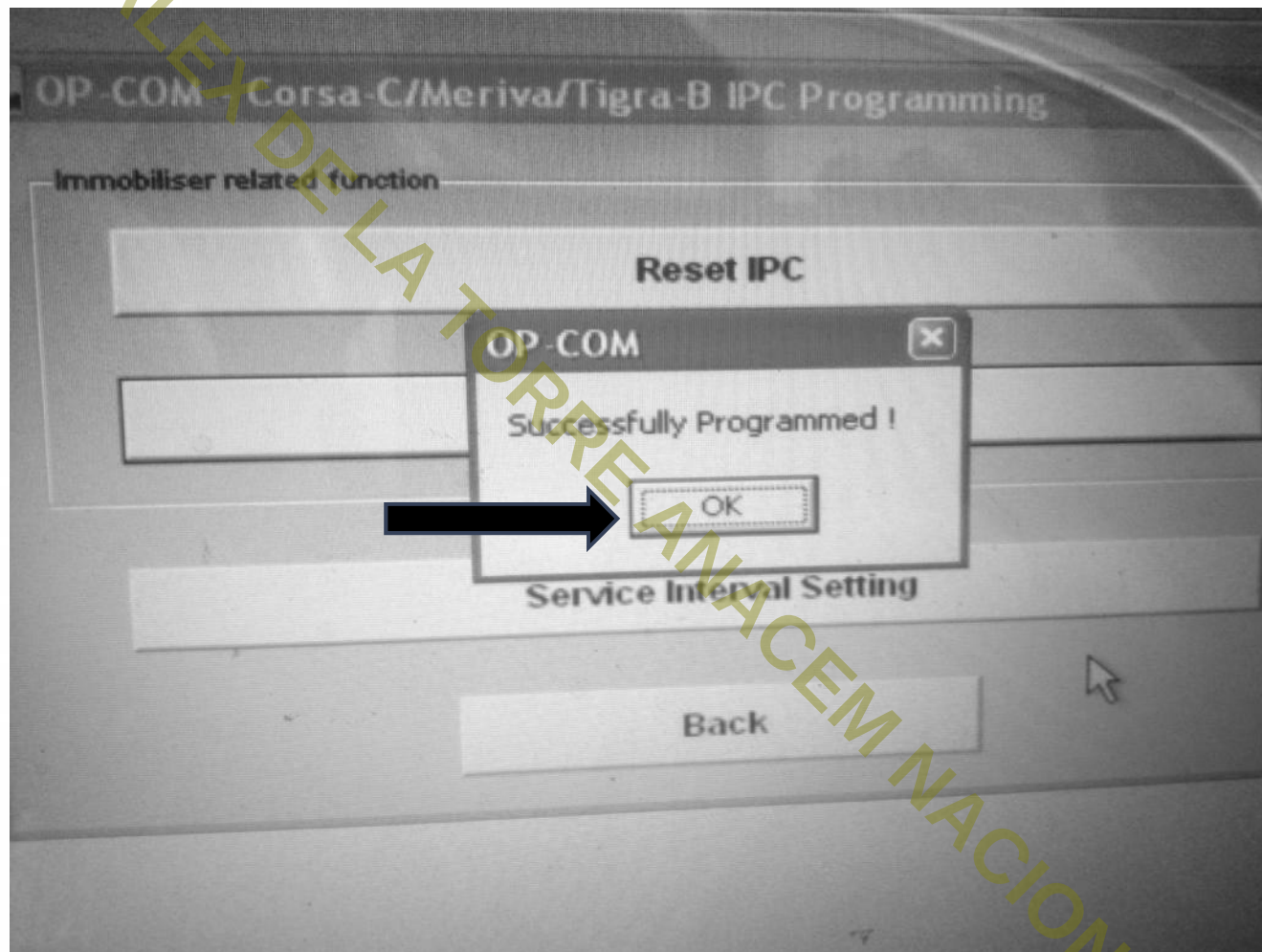
PASO 8

INGRESAR EL CODIGO SECRETO Y SELECCIONAR "OK"



PASO 9

SELECCIONAR "OK"

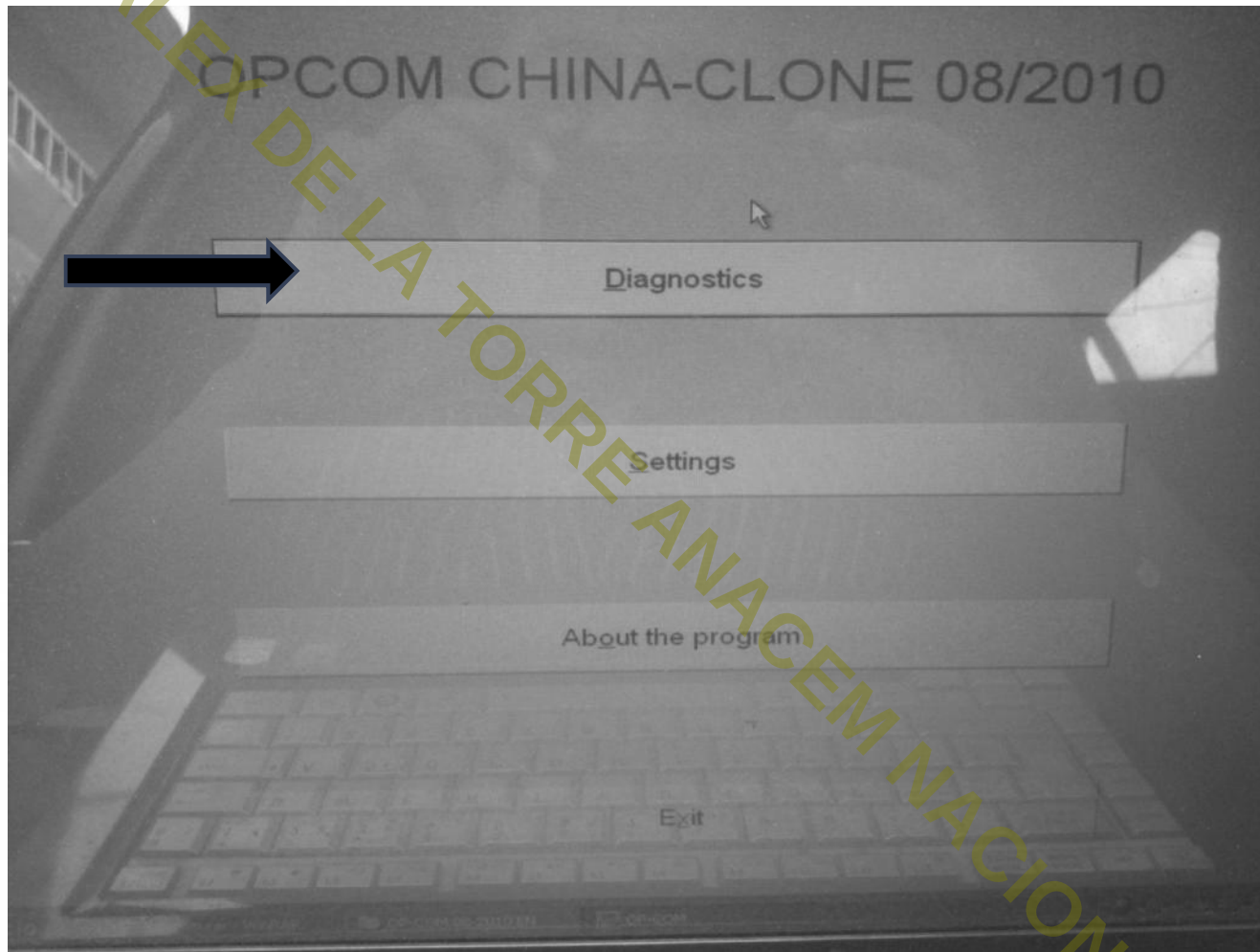


PROCEDIMIENTO PARA PROGRAMAR EL BODY



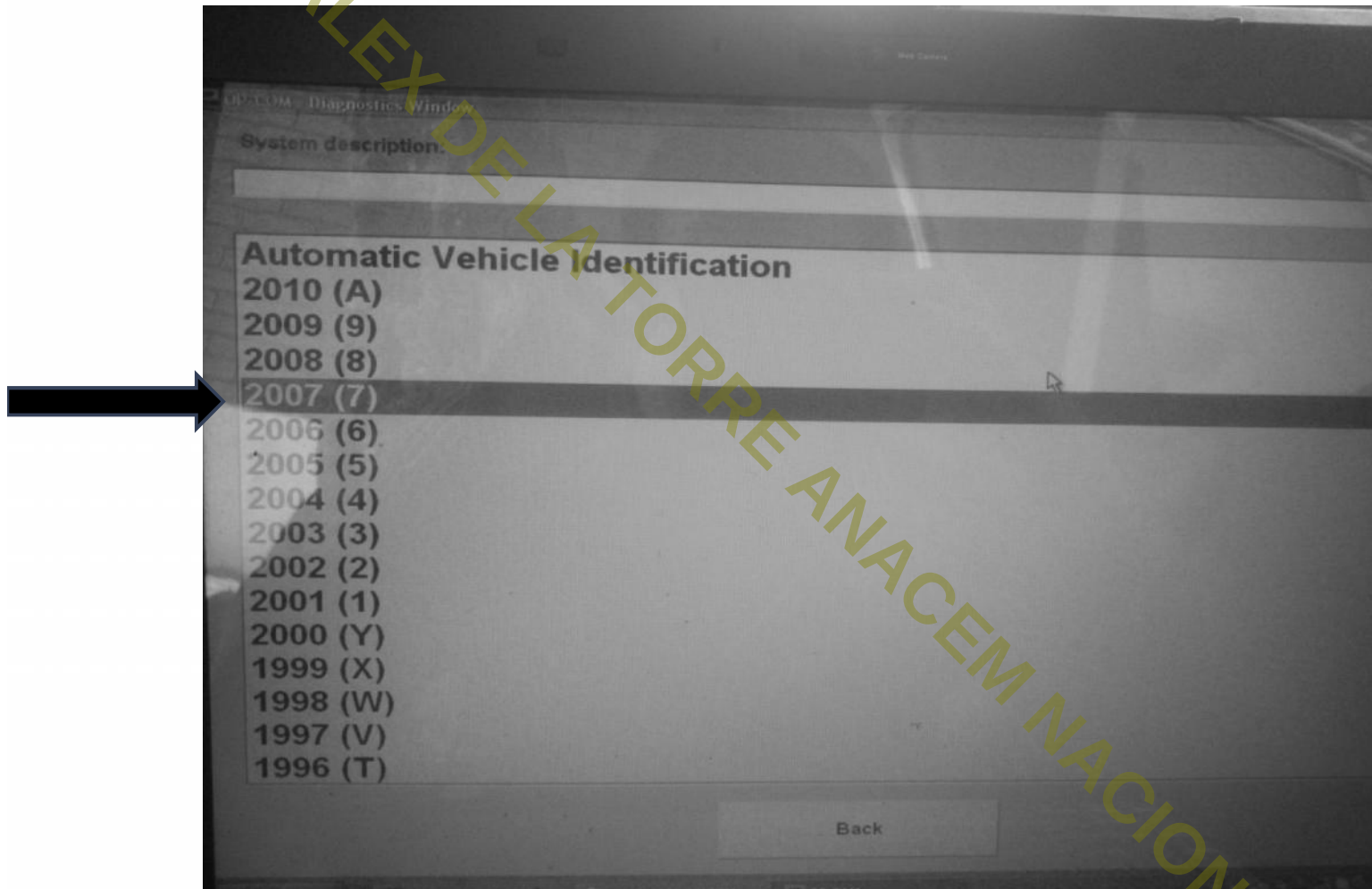
PASO 1

SELECCIONAR "DIAGNOSTICO"



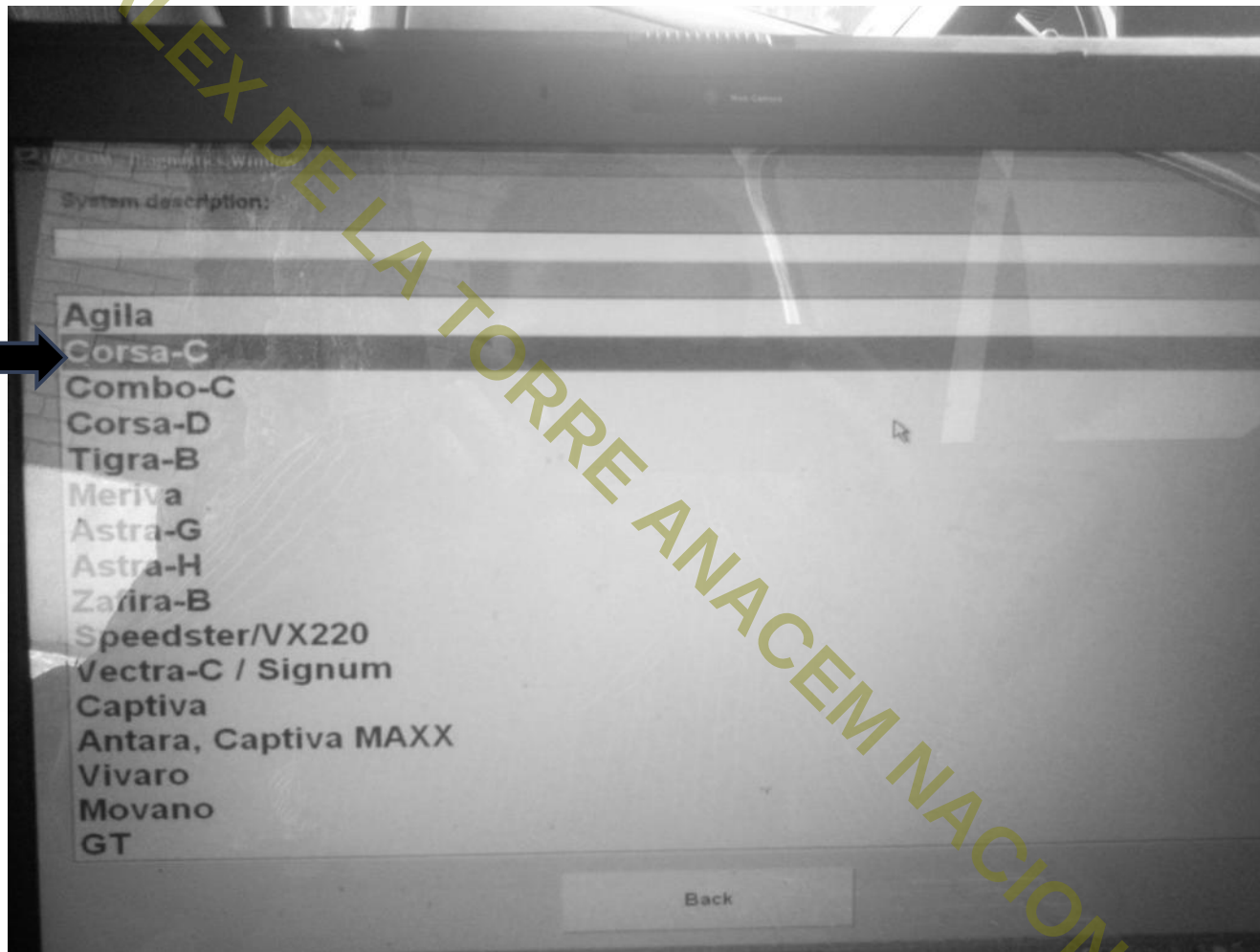
PASO 2

SELECCIONAR "AÑO"



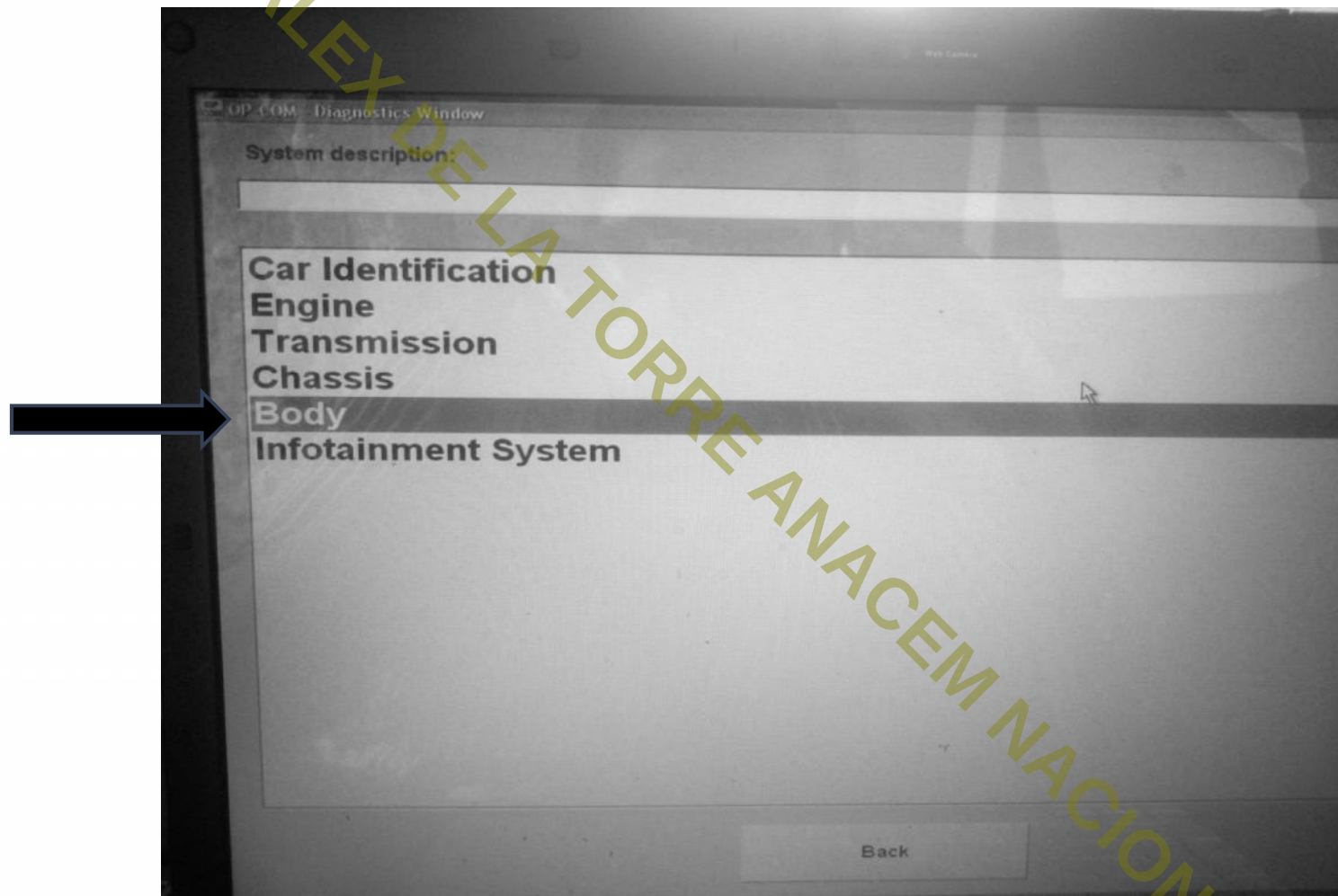
PASO 3

SELECCIONAR "TIPO"



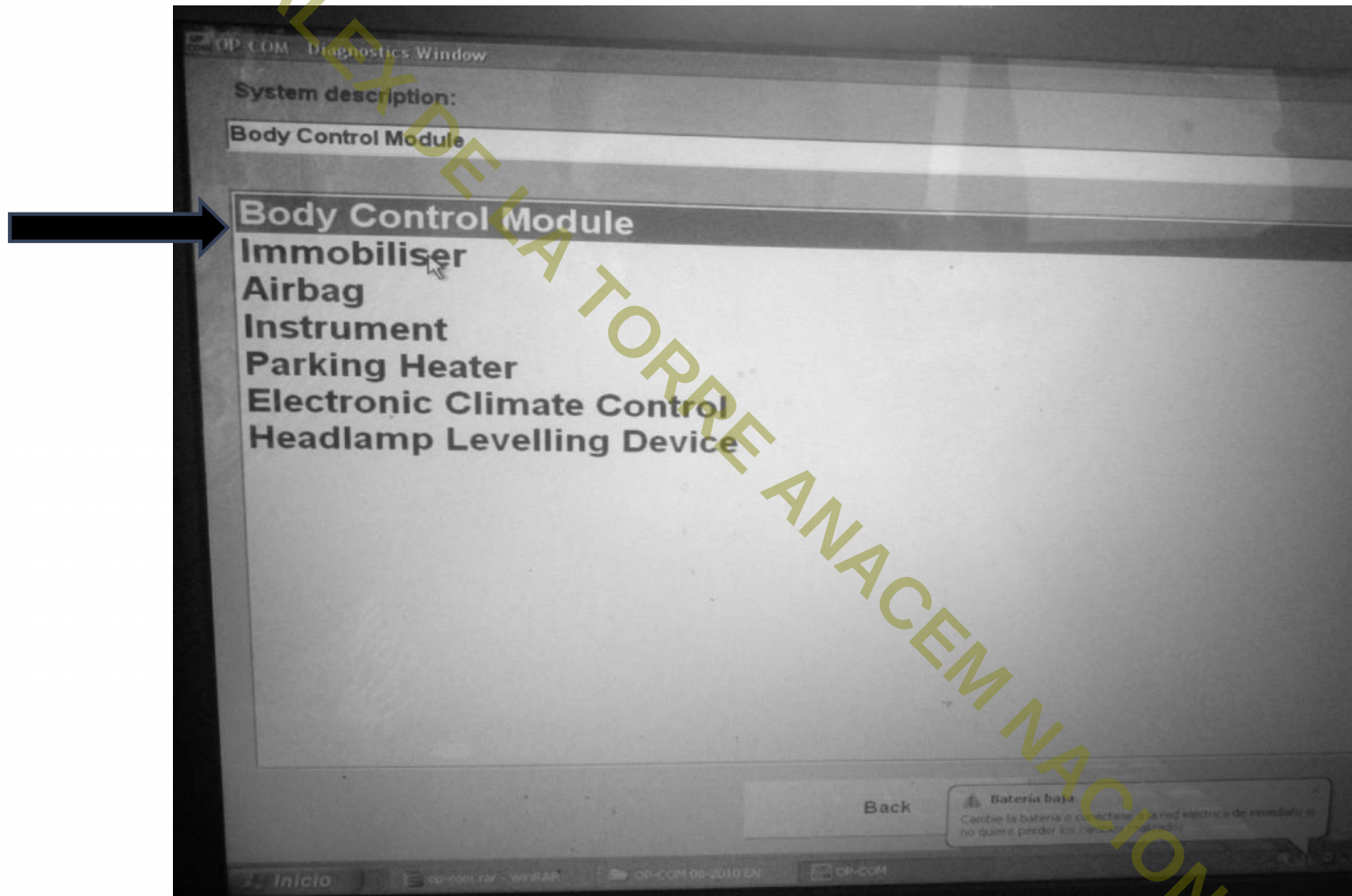
PASO 4

SELECCIONAR "BODY"



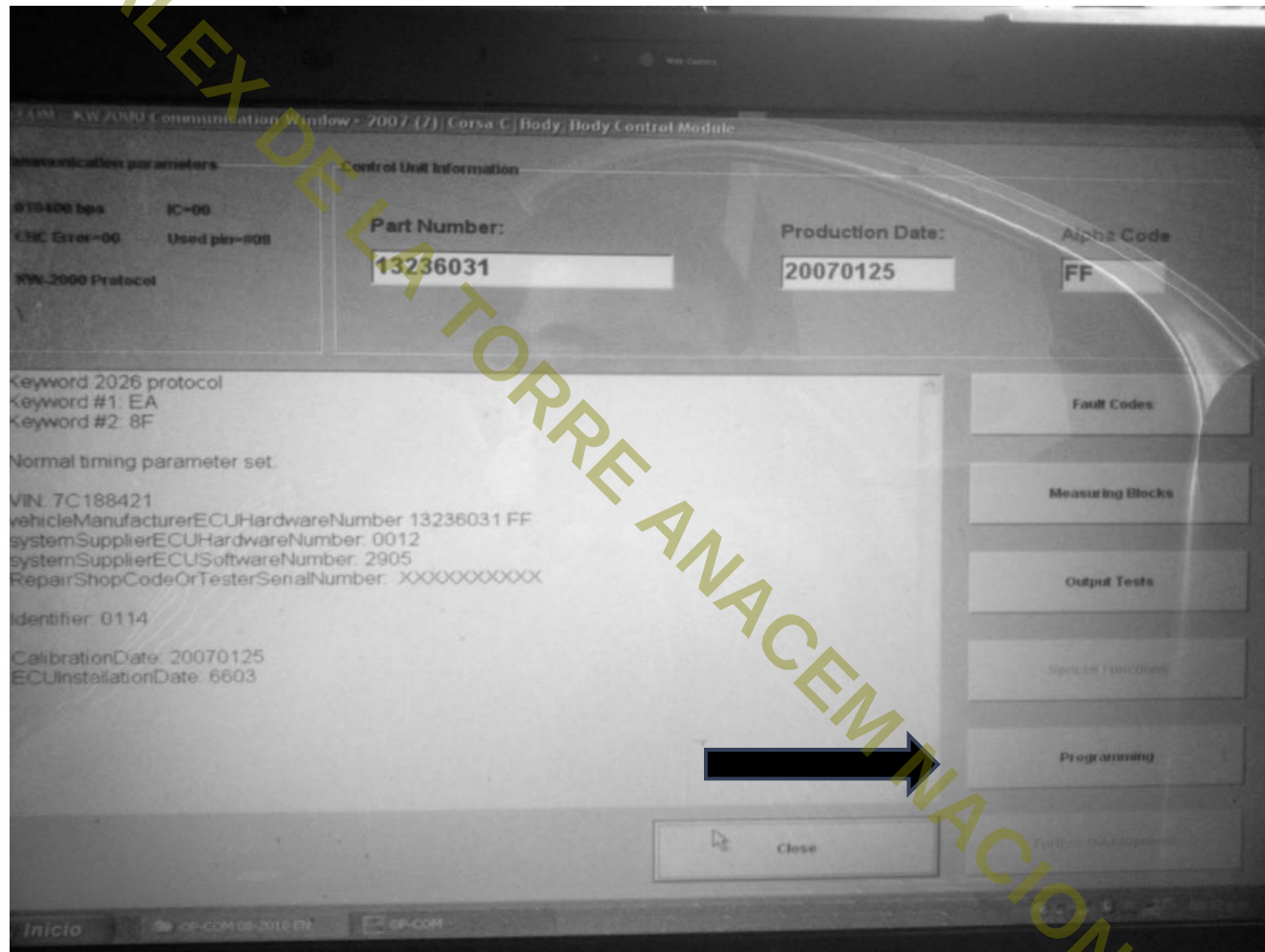
PASO 5

SELECCIONAR BODY CONTROL MODULE



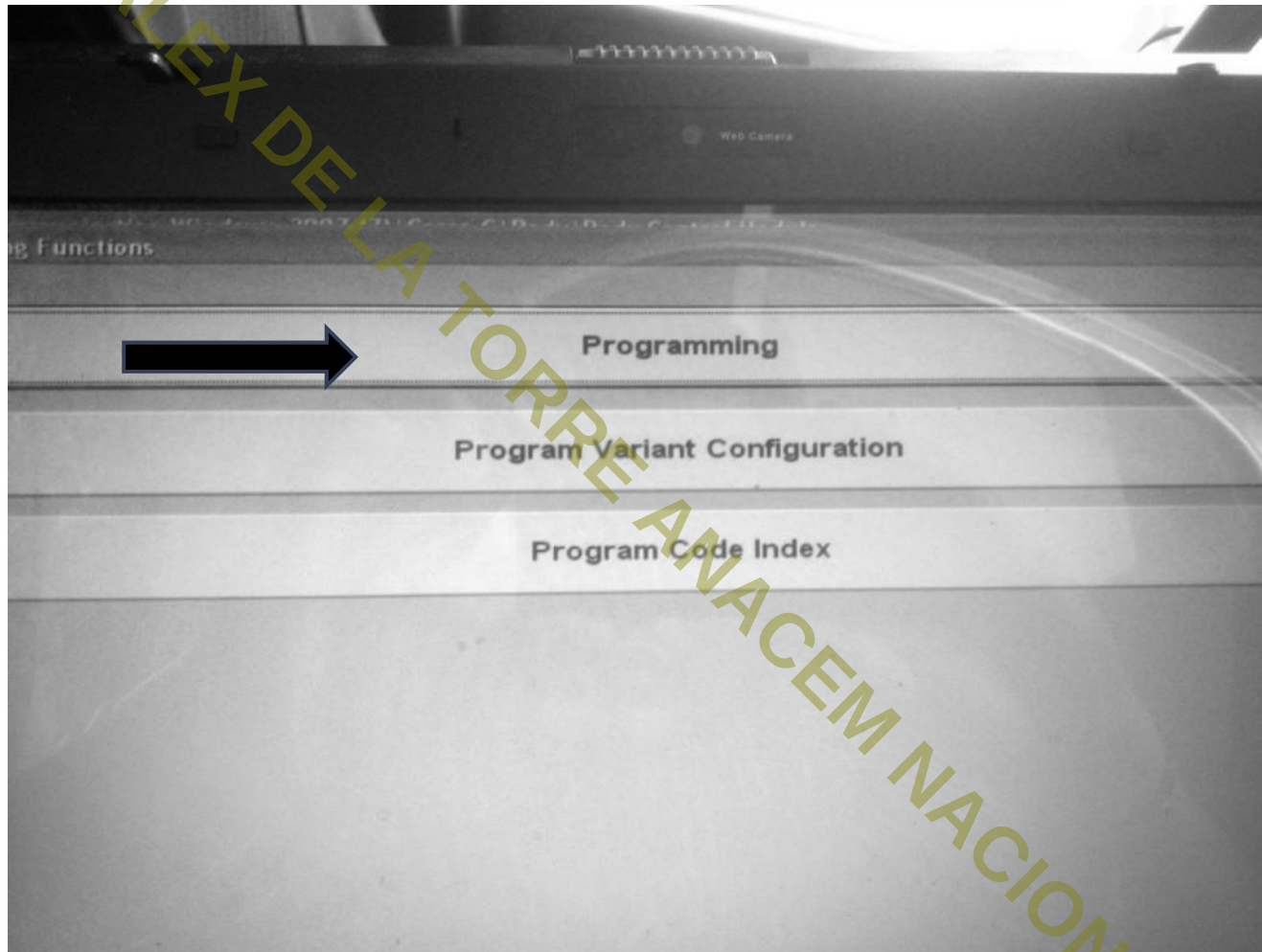
PASO 6

SELECCIONAR "PROGRAMING"



PASO 7

SELECCIONAR "PROGRAMAR"



PASO 8

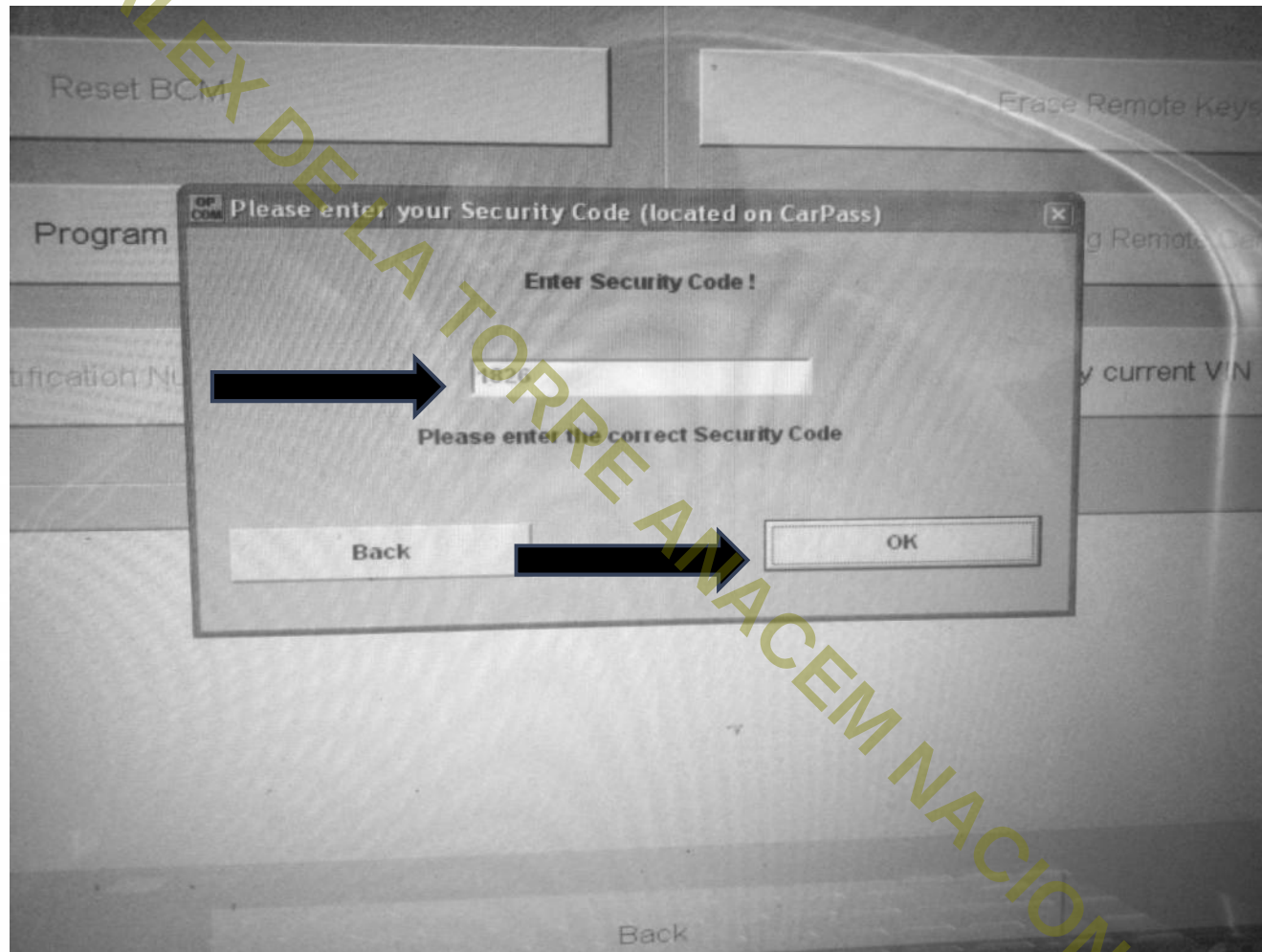
SELECCIONAR "PROGRAM BCM"



PASO 9

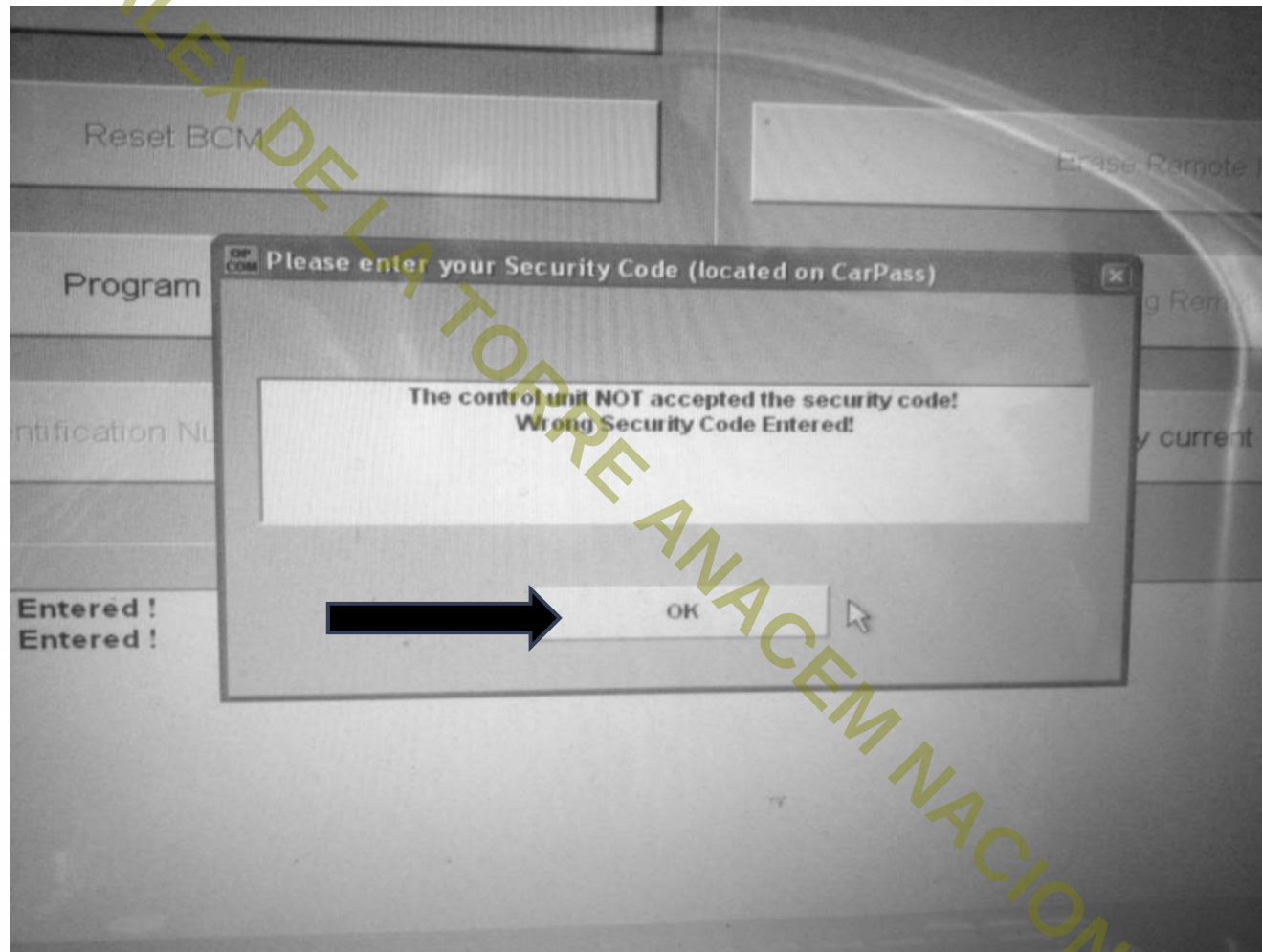
INGRESAR EL CODIGO SECRETO SELECCIONAR

OK



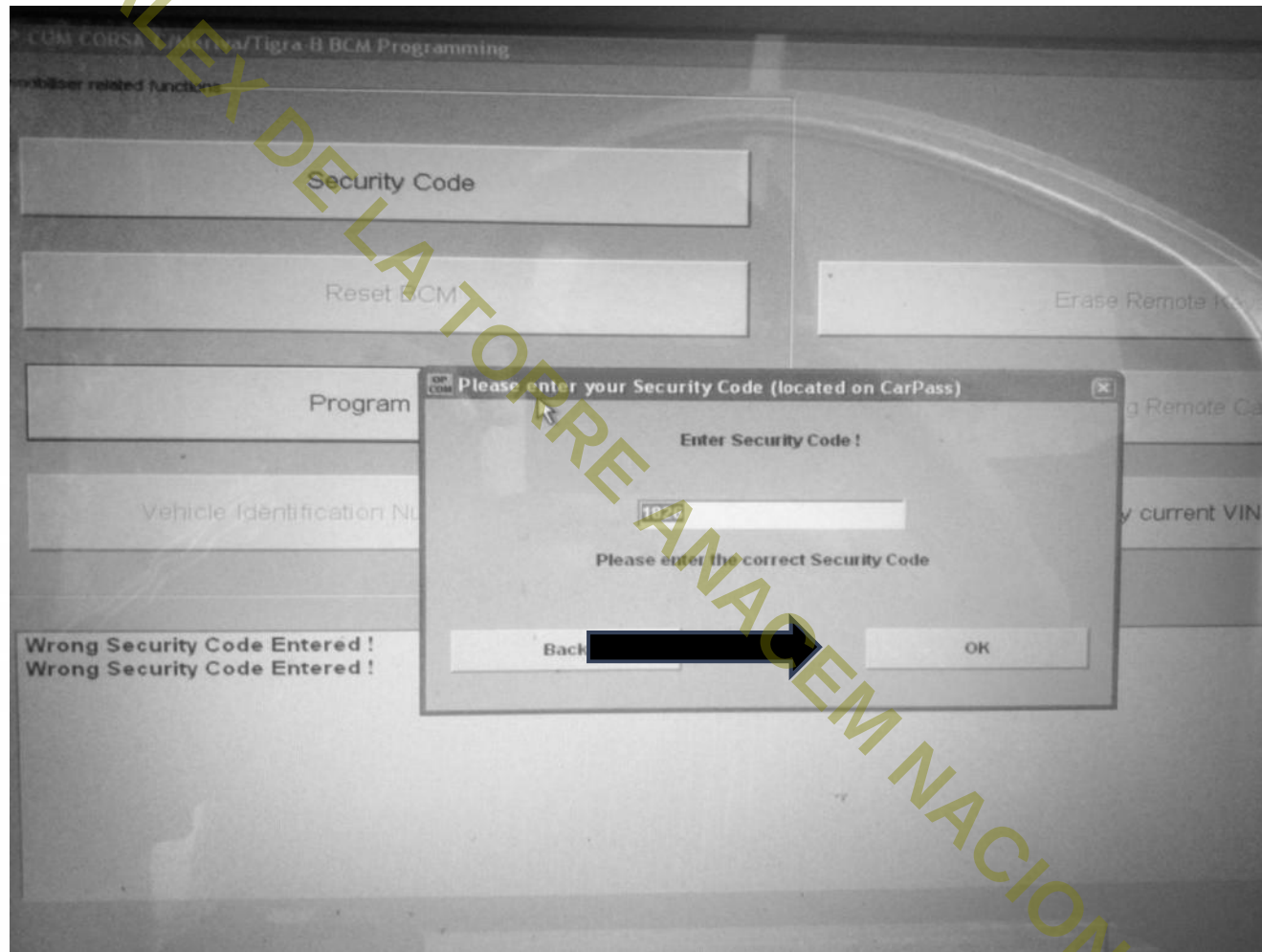
PASO 10

SELECCIONAR "OK"



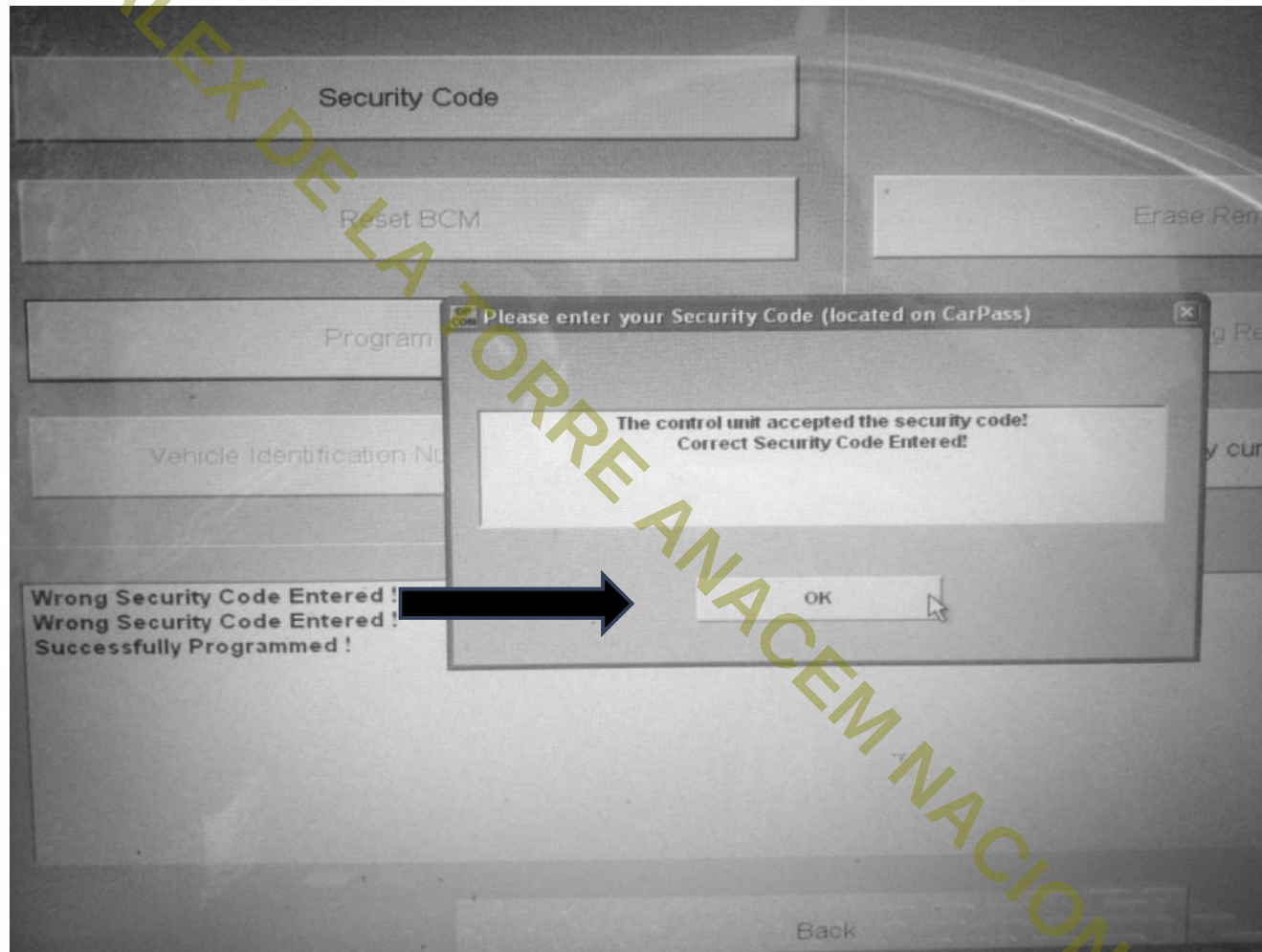
PASO 11

SELECCIONAR "OK"



PASO 12

SELECCIONAR "OK"



PROCEDIMIENTO PARA CAMBIAR EL NUMERO DE SERIE DE LA COMPUTDORA



PASO 1

SELECCIONAR DIAGNOSTIGO



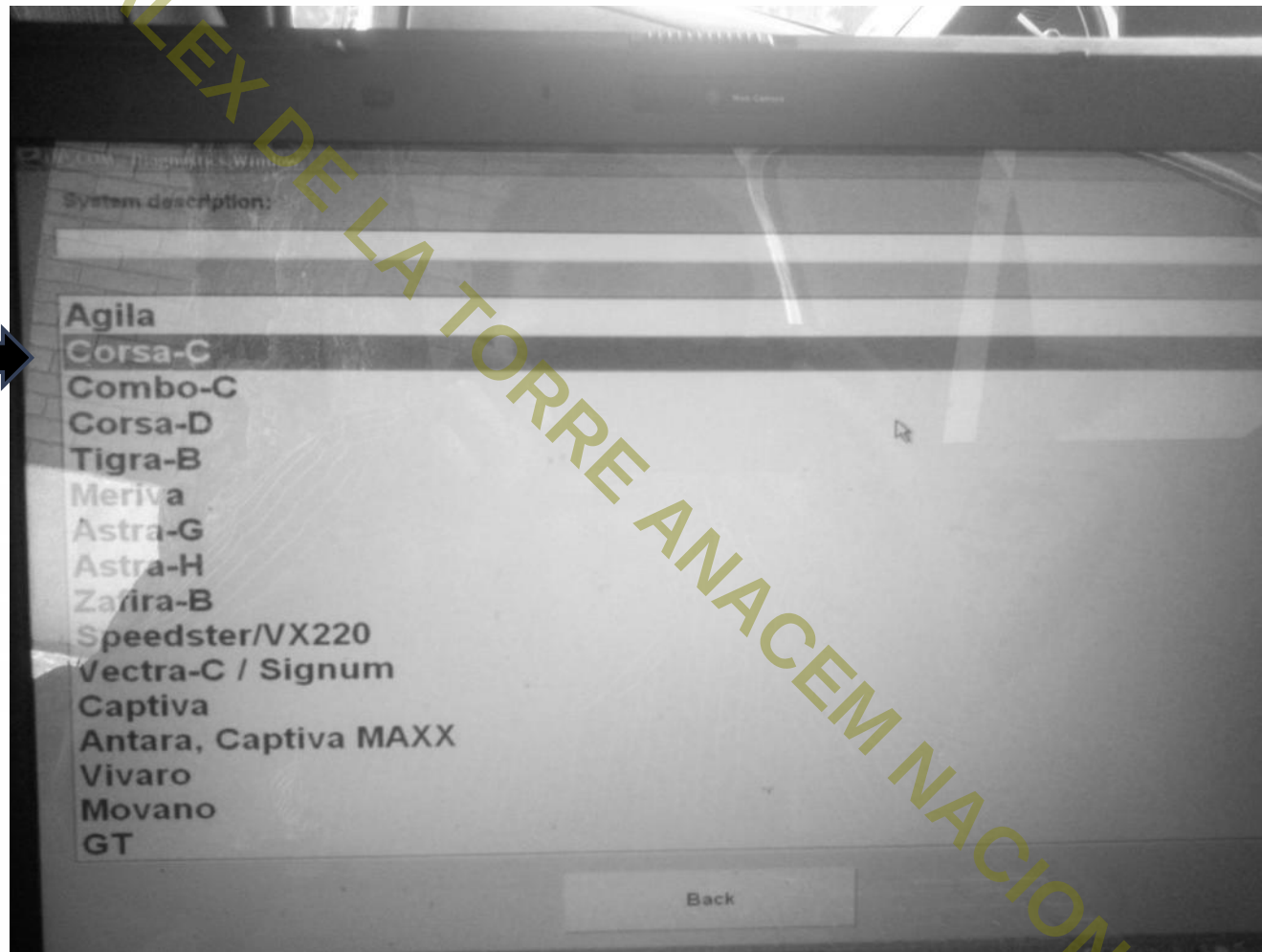
PASO 2

SELECCIONAR "AÑO"



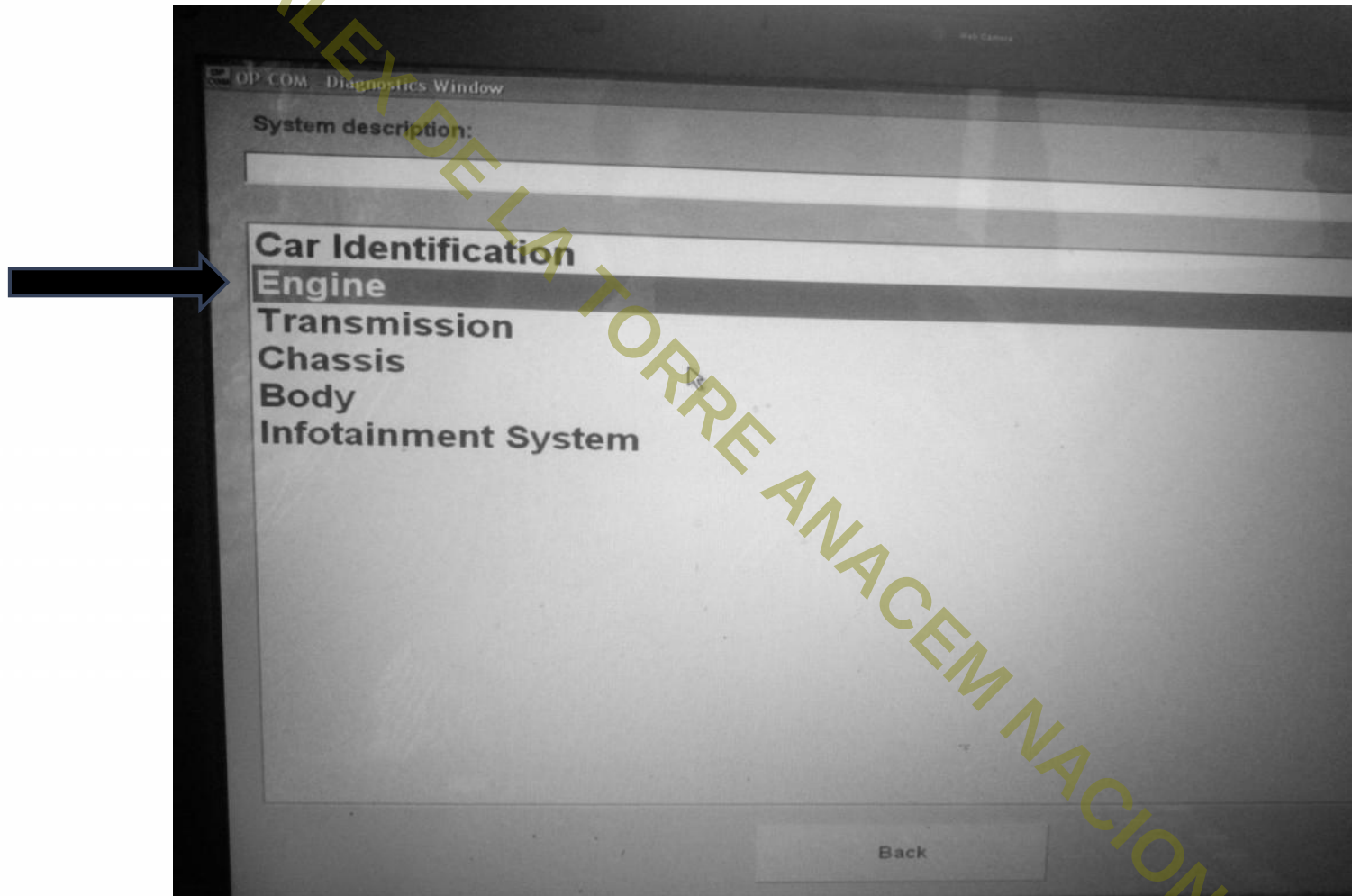
PASO 3

SELECCIONAR "TIPO"



PASO 4

SELECCIONAR "ENGINE"



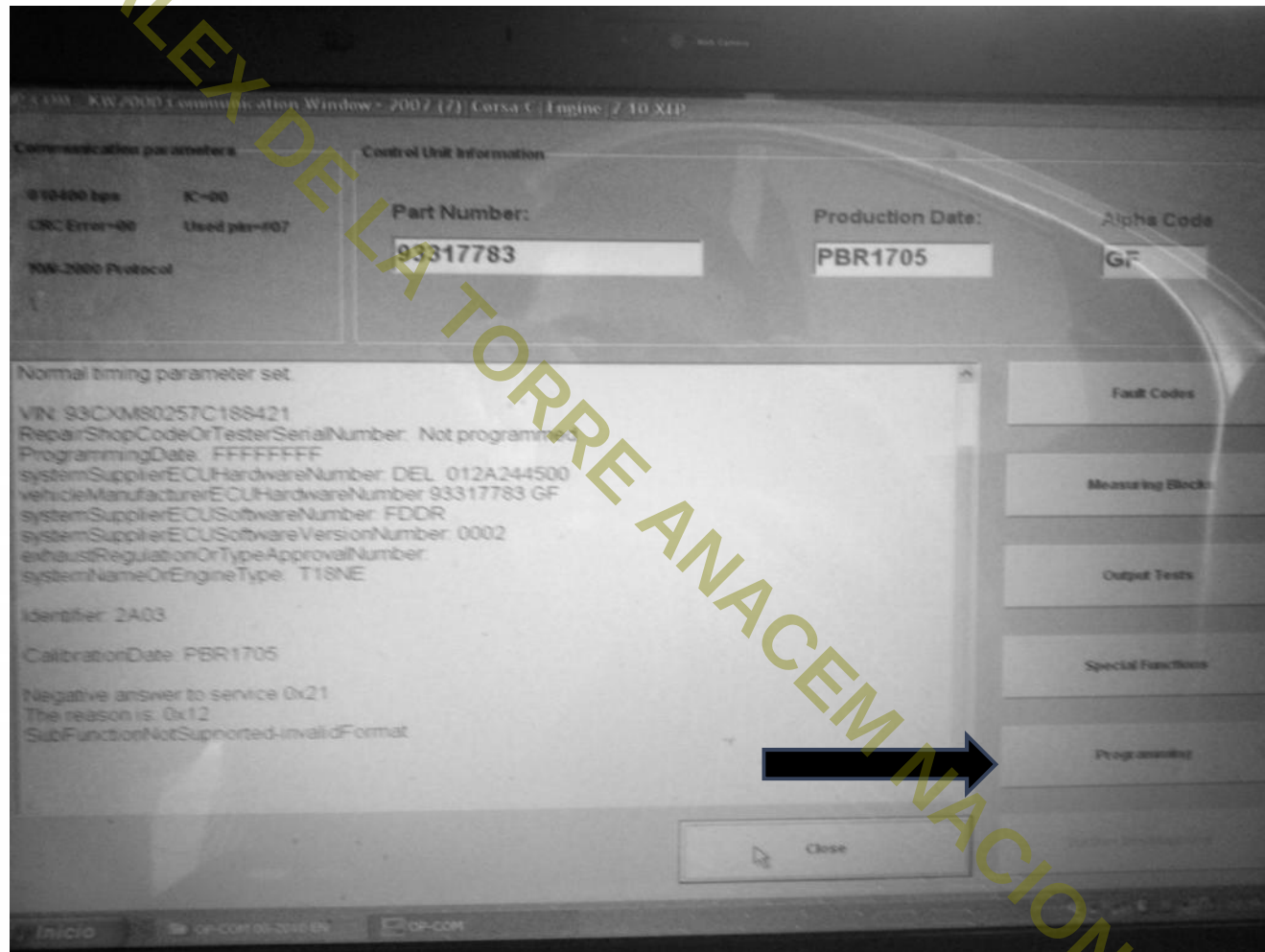
PASO 5

SELECCIONAR TIPO DE MOTOR PUEDE SER CUALQUIERA



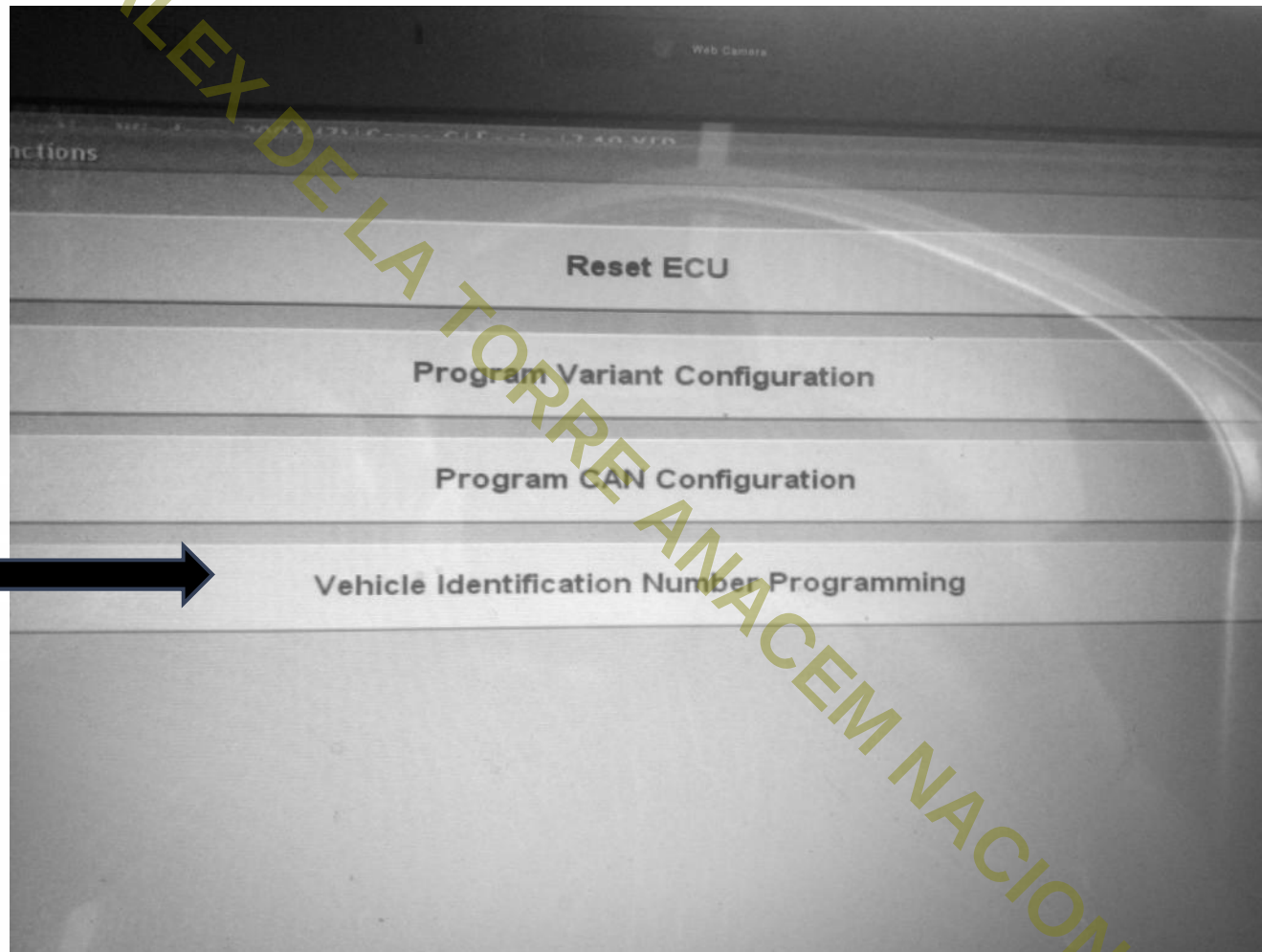
PASO 4

SELECCIONAR "PROGRAMING"



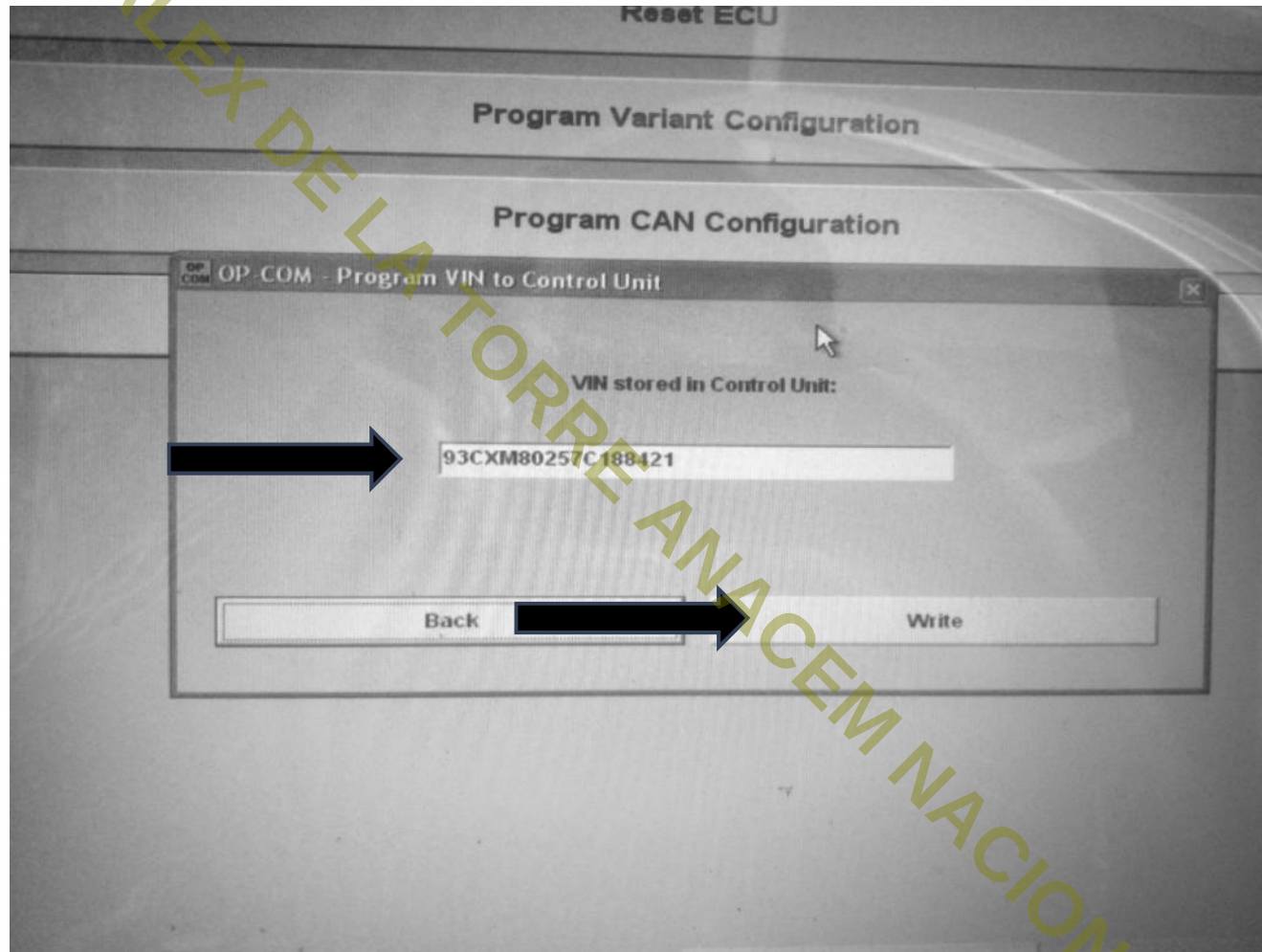
PASO 5

SELECCIONAR "VEHICLE IDENTIFICATION NUMBER PROGRAMMING"



PASO 6

BORRAMOS EL NUMERO DE SERIE, ESCRIBIMOS EL NUEVO Y SELECCIONAR "WRITE"

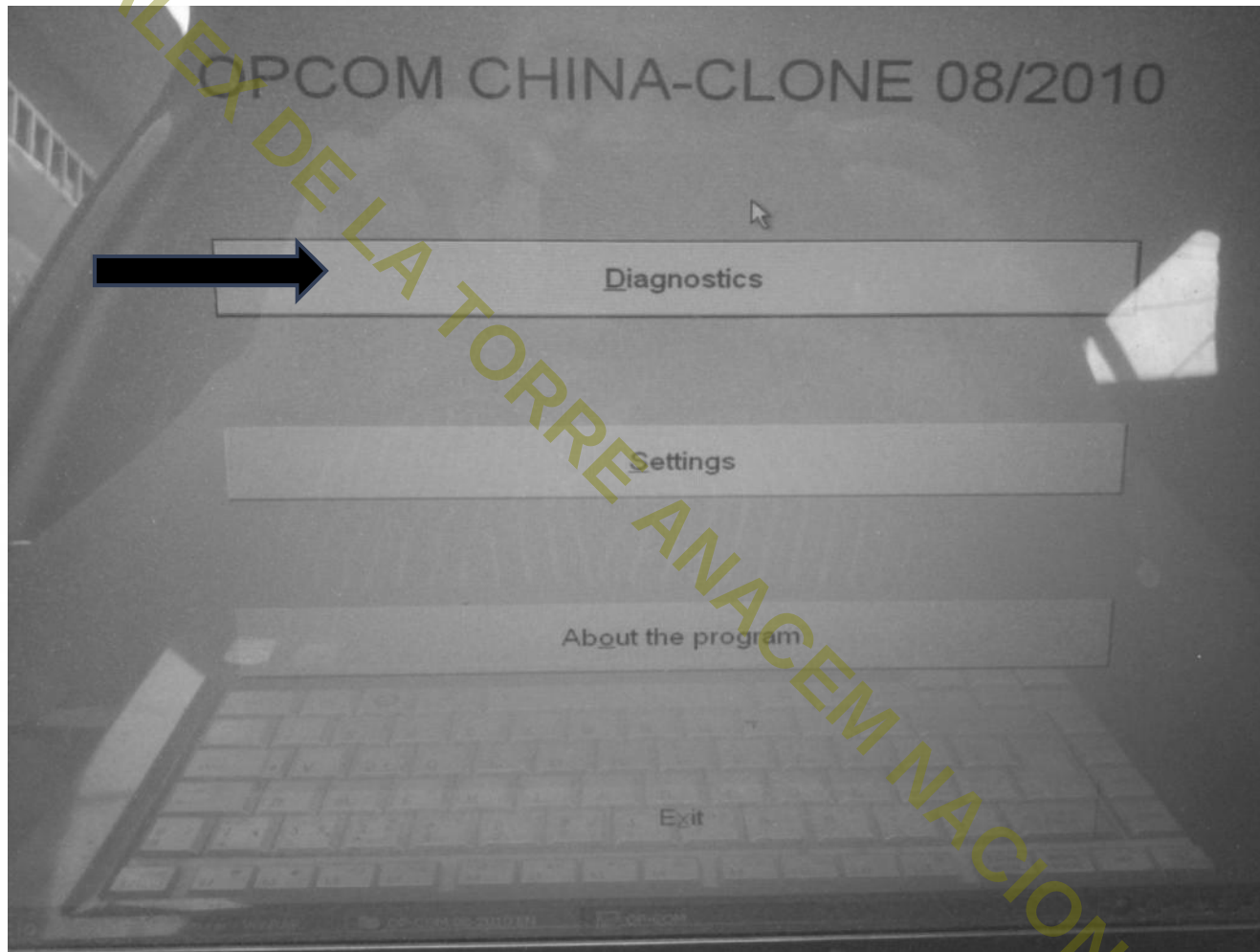


PROCEDIMIENTO PARA CAMBIAR EL NUMERO DE SERI DE LA ANTENA



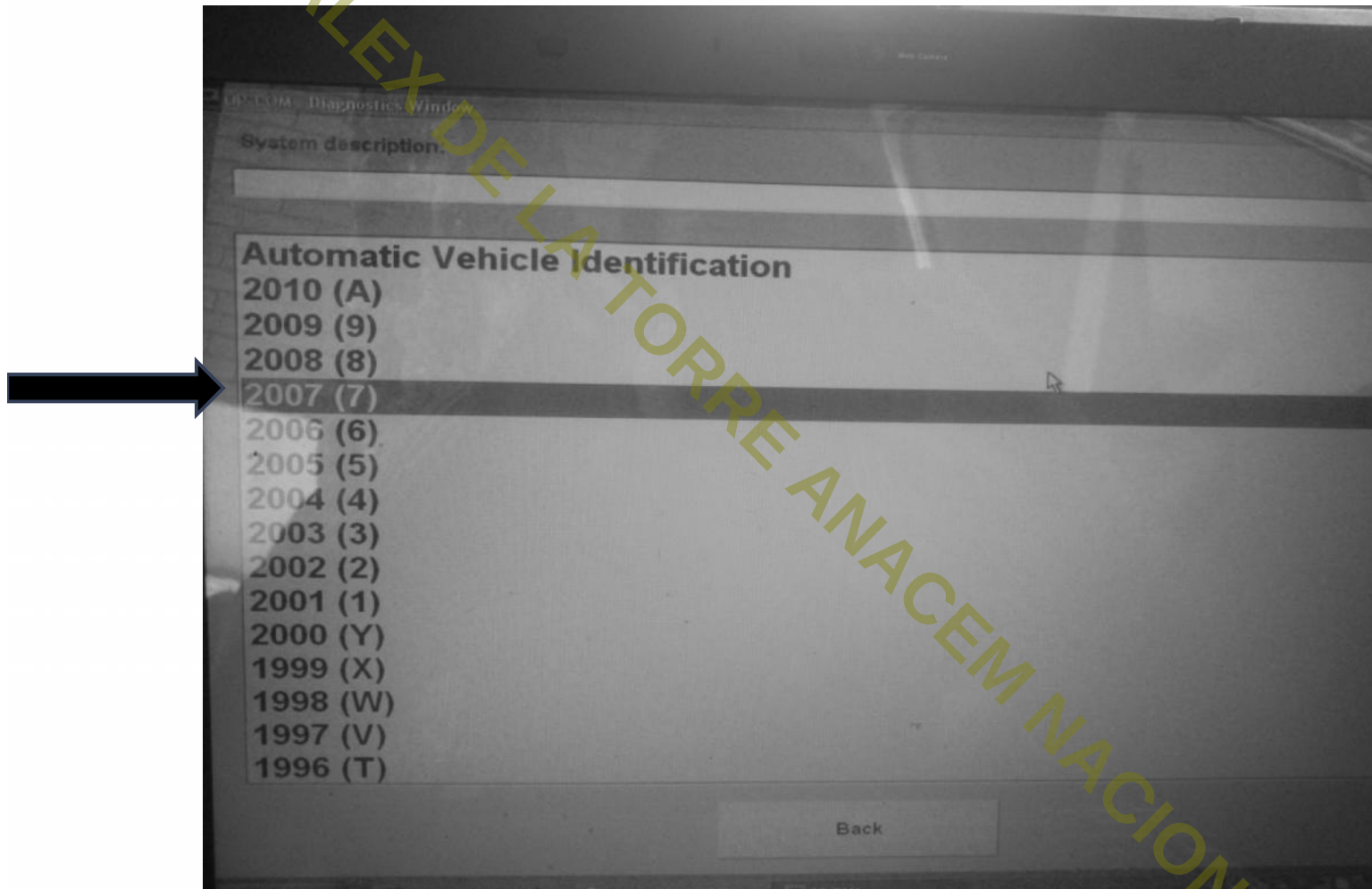
PASO 1

SELECCIONAR "DIAGNOSTICO"



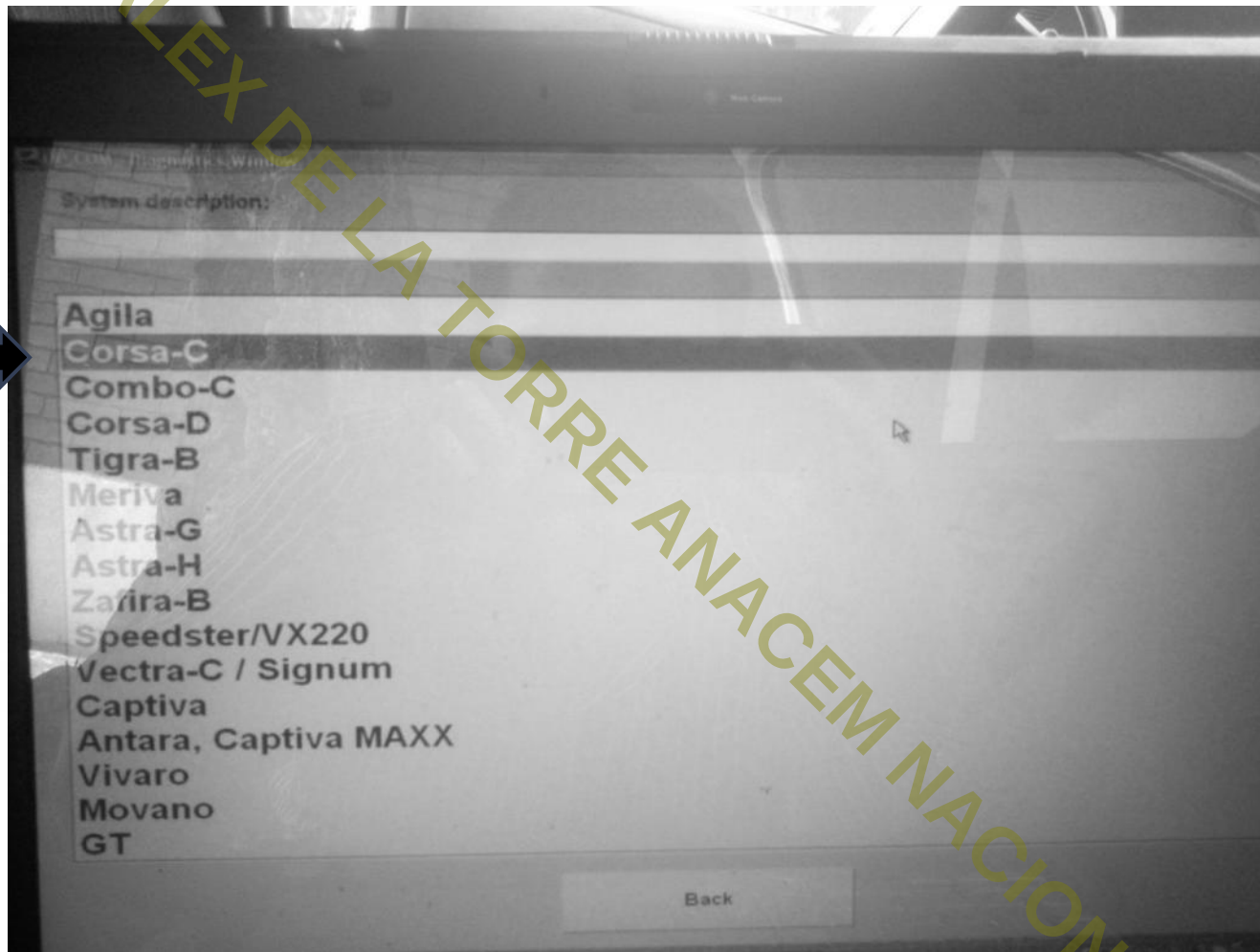
PASO 2

SELECCIONAR "AÑO"



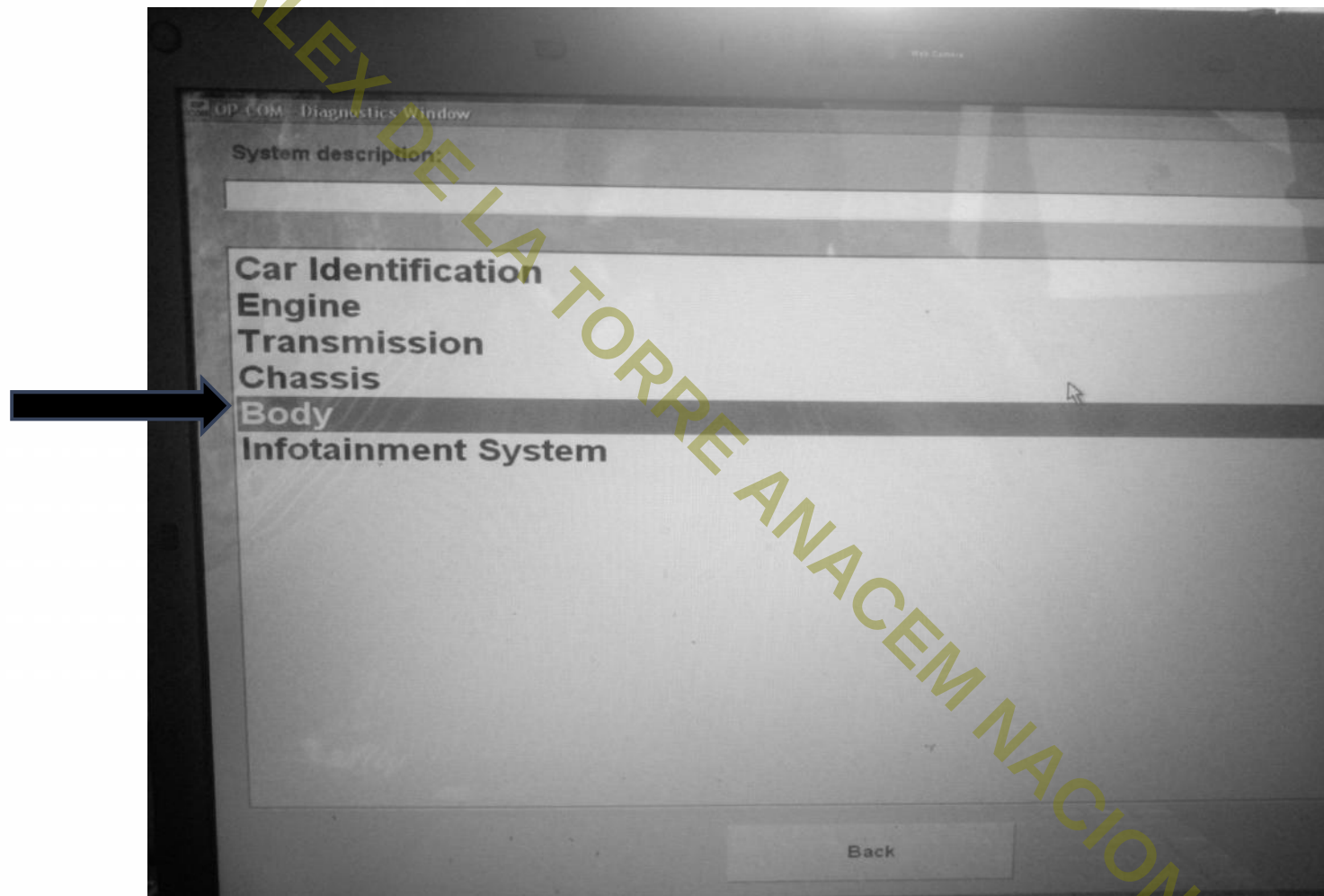
PASO 3

SELECCIONAR "TIPO"



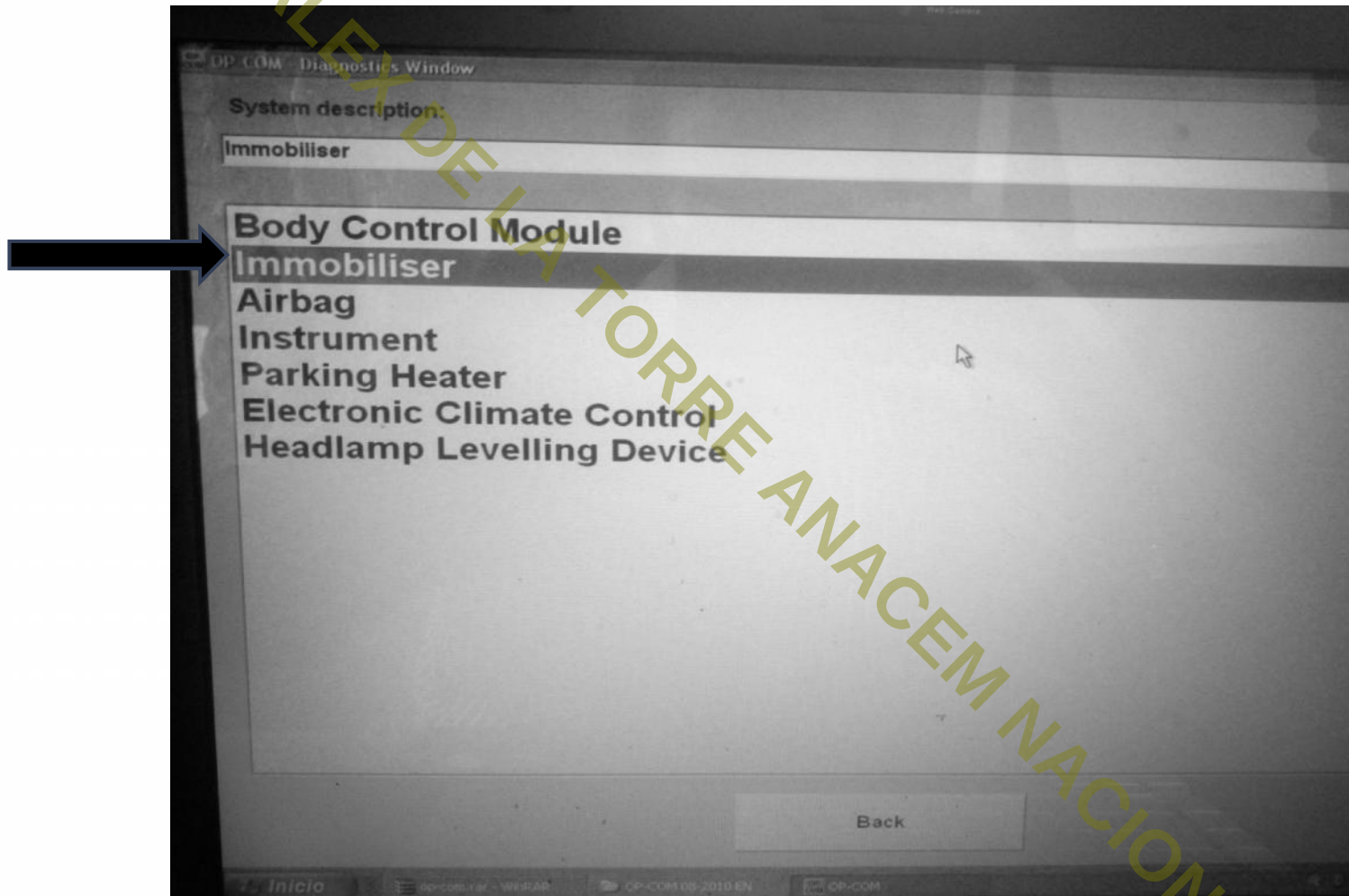
PASO 4

SELECCIONAR "DODY"



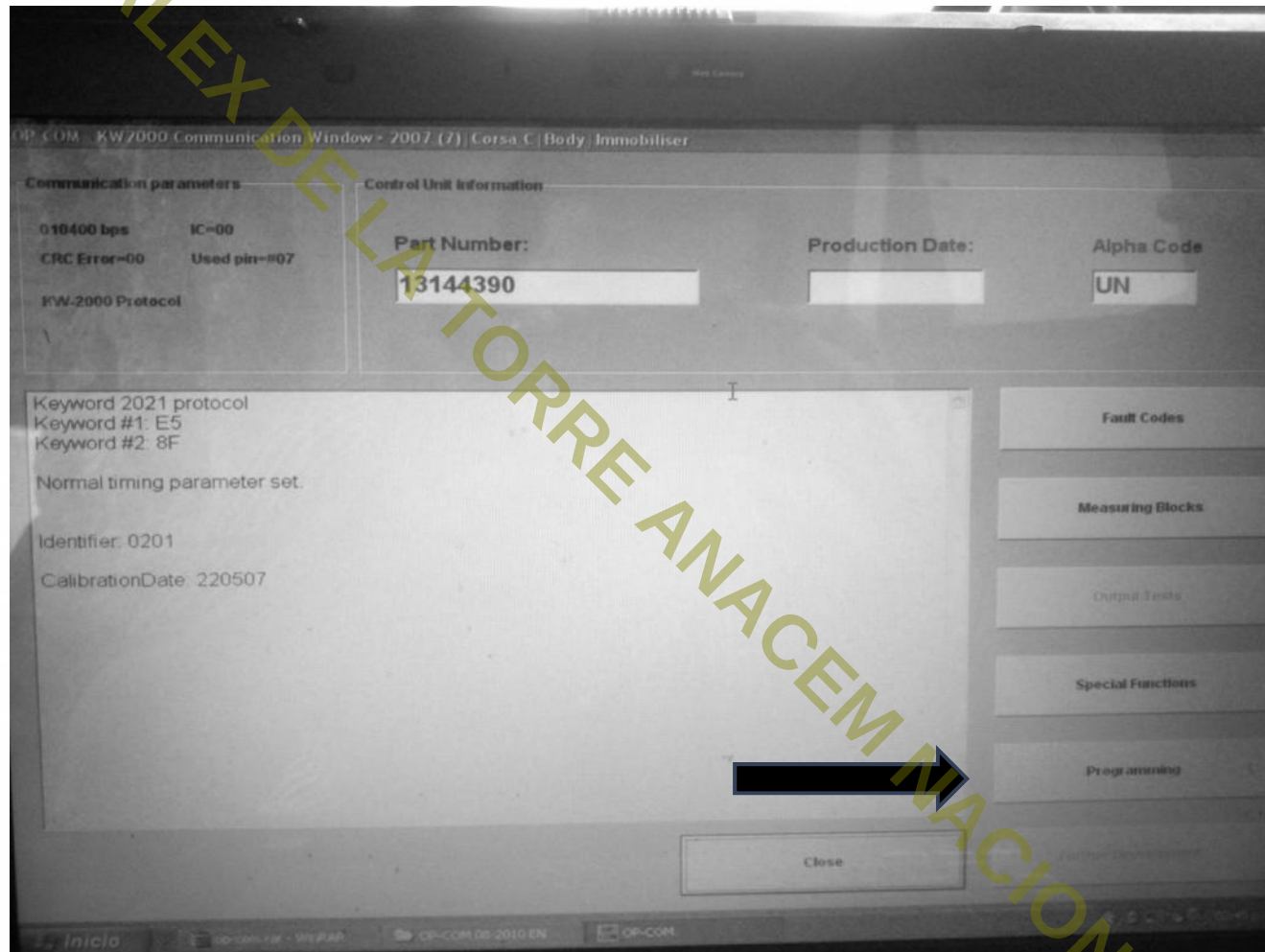
PASO 5

SELECCIONAR "INMOBILISER"



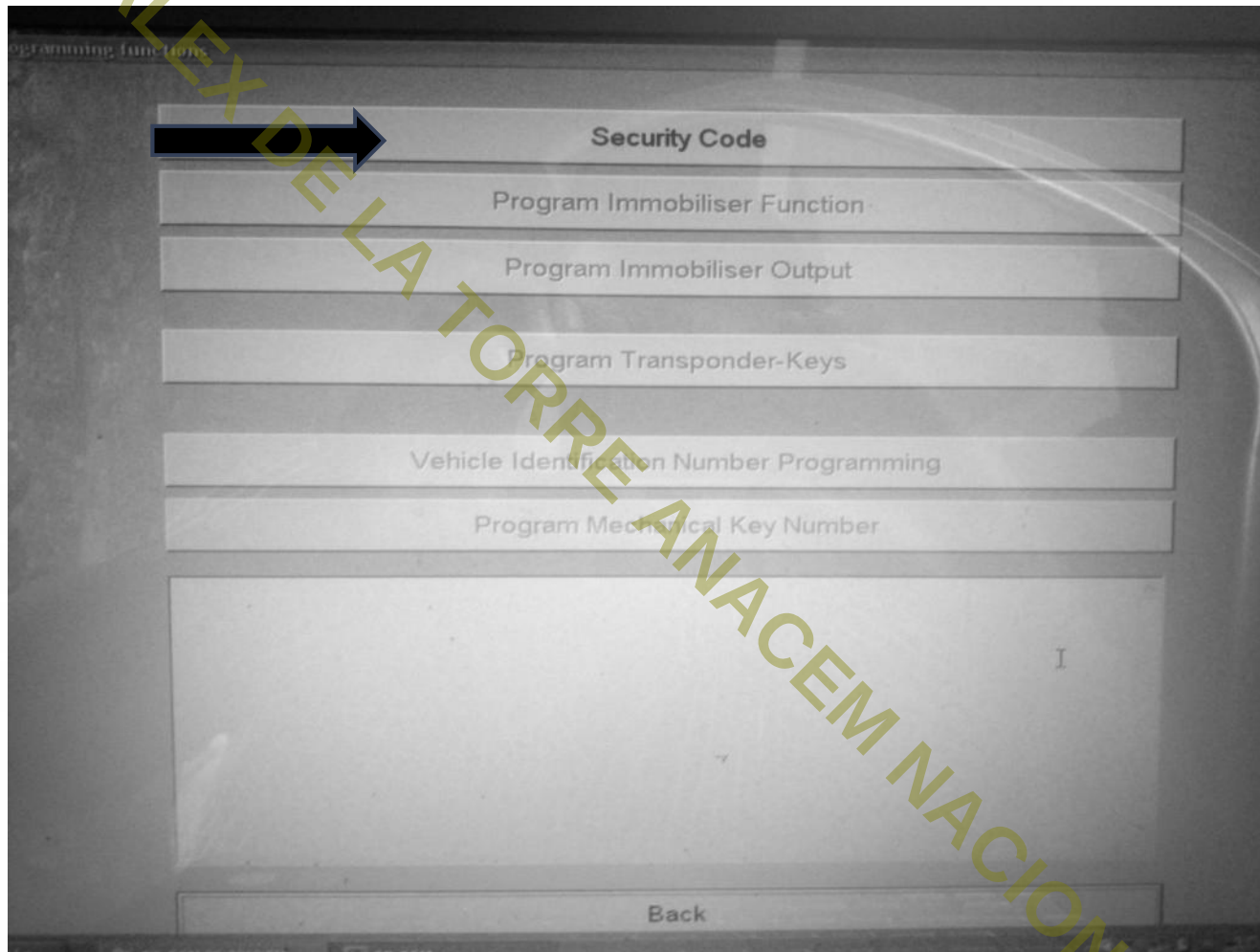
PASO 6

SELECCIONAR "PROGRAMING"



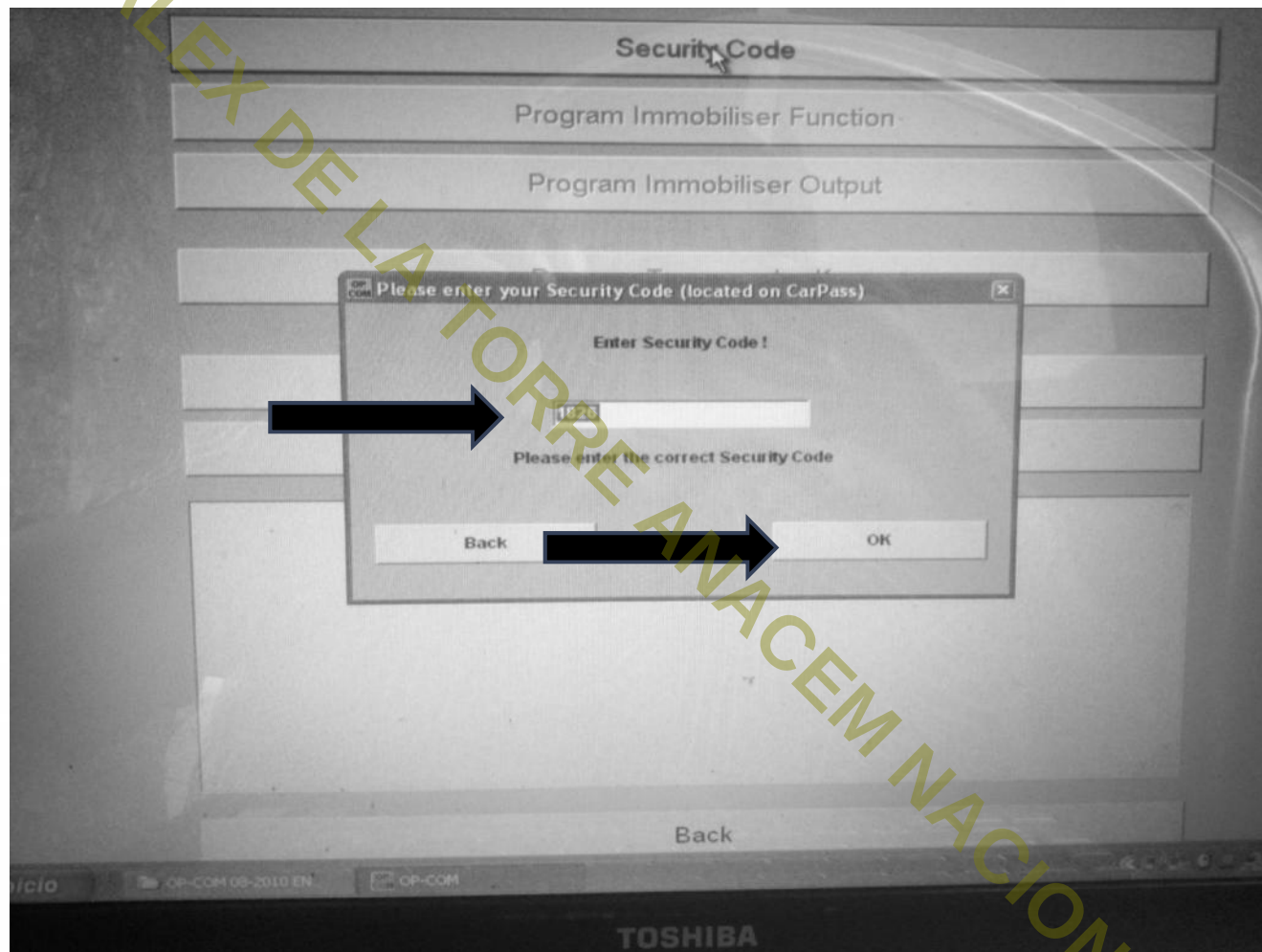
PASO 7

SELECCIONAR "SECURITY CODE"



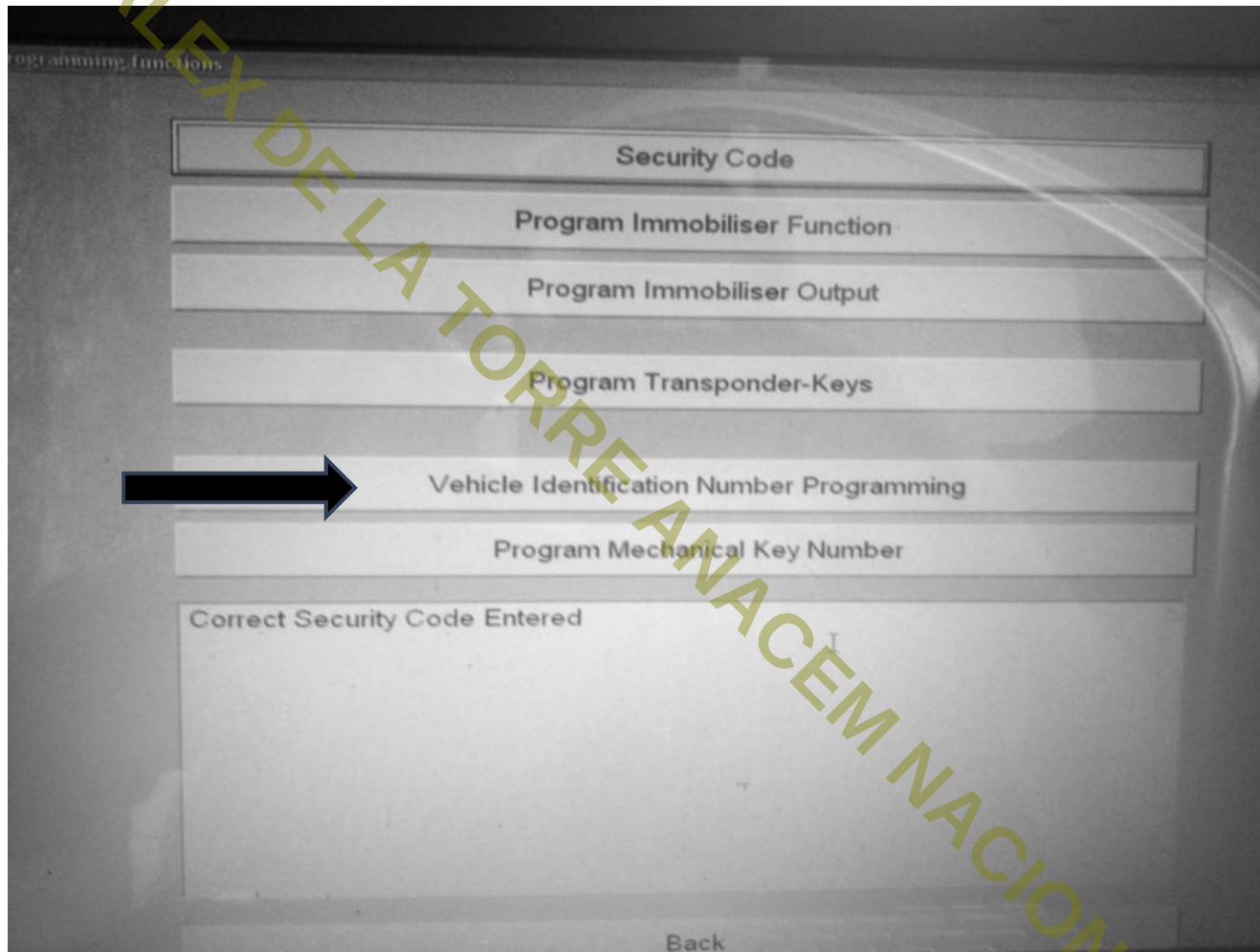
PASO 8

INGRESAMOS EL CODIGO SECRETO Y
SELECCIONAR "OK"



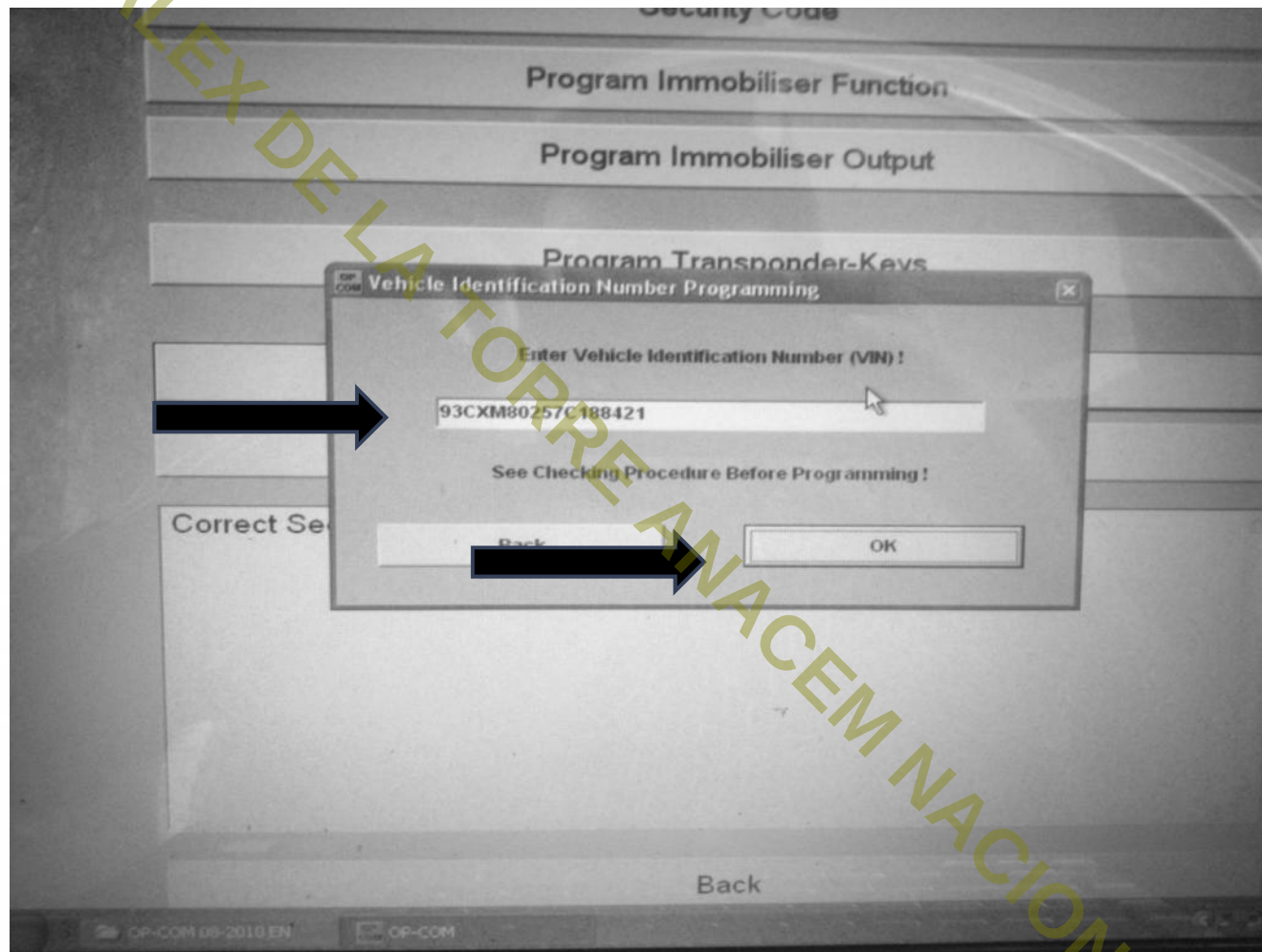
PASO 9

SELECCIONAR "VEHICLE IDENTIFICATION NUMBER PROGRAMING"



PASO 10

BORRAR EL NUMERO DE SERIE, ESCRIBIR EL NUEVO Y
SELECCIONAR OK



DESARROLLO

ALEX A. DE LA TORRE

