

OPEL OBD APPLICATION

SYSTEM	VEHICLES	PROCESS	DESCRIPTION
ID 33 TRANSPONDER SYSTEM	ASTRA F, OMEGA, CORSA B, VECTRA B	PIN CODE EXTRACTION	PIN CODE IS EXTRACTED FROM THE IMMOBILISER. WHILE EXTRACTING THE PIN CODE TO RESET THE IMMOBILISER UNIT IMMO BOX SOCKET SHOULD BE DISCONNECTED AND RECONNECTED... FOR SOME VEHICLES PIN CODE IS EXTRACTED FROM THE ECU. SUPPORTED ECU'S ARE AS FOLLOWS: X14XE,X16XE,X16XEL,Y13DT,Y16XE,Y17DT,Y17DIT,Z10XE,Z10XEP,Z12XE,Z12XEP,Z13DT,Z13DTH,Z14XE,Z14XEP,Z16LET,Z16SE,Z16XE, Z18XE,Z20LET.
		K-LINE KEY PROGRAMMING	DELETE KEYS AND ADD KEYS ARE DONE SEPERATELY, EACH TIME ONLY 1 KEY CAN BE ADDED.
ID 40 TRANSPONDER SYSTEM	ASTRA G, VECTRA B, ZAFIRA, CORSA C, MERIVA, TIGRA B, COMBO, OMEGA B	K-LINE PIN CODE EXTRACTION	PIN CODE IS EXTRACTED FROM THE ECU. SUPPORTED ECU LIST IS AS FOLLOWS: X14XE,X16XE,X16XEL,Y13DT,Y16XE,Y17DT,Y17DIT,Z10XE,Z10XEP,Z12XE,Z12XEP,Z13DT,Z13DTH,Z14XE,Z14XEP,Z16LET,Z16SE,Z16XE, Z18XE Z20LET. FOR CORSA C,MERIVA, TIGRA B PIN CODE IS EXTRACTED FROM THE INSTRUMENT CLUSTER.
		K-LINE KEY PROGRAMMING	DELETE KEYS AND ADD KEYS ARE DONE SEPERATELY, EACH TIME ONLY 1 KEY CAN BE ADDED.
		K-LINE REMOTE PROGRAMMING	DELETE REMOTES AND ADD REMOTES ARE DONE SEPERATELY, EACH TIME ONLY 1 REMOTE CAN BE ADDED.
ID 46 OLD SYSTEM	ASTRA H, VECTRA C, CORSA D,	CAN BUS PIN CODE EXTRACTION	PIN CODE IS EXTRACTED FROM THE ECU. SUPPORTED ECU LIST IS AS FOLLOWS: Z10XEP,Z12XEP,Z14XEL,Z14XEP,Z16LER,Z16LET,Z16XE,Z16XEP,Z19DT,Z19DTL,Z20LEH, Z20LEL ,Z20LER. FOR ASTRA H PIN CODE CAN BE EXTRACTED FROM INFO DISPLAYAND FOR CORSA D PIN CODE CAN BE EXTRACTED FROM THE INSTRUMENT CLUSTER.
		CAN BUS KEY PROGRAMMING	DELETE KEYS AND ADD KEYS ARE DONE SEPERATELY, EACH TIME ONLY 1 KEY CAN BE ADDED. REMOTES ARE AUTOMATICALLY PROGRAMMED AFTER A SUCCESSFUL KEY PROGRAMMING.
ID 46 NEW SYSTEM	ASTRA J INSIGNIA	PIN CODE EXTRACTION	PIN CODE CAN NOT BE EXTRACTED, IT CAN BE GET FROM DEALERSHIP OR FROM CARPASS WHICH IS GIVEN TO THE OWNER WITH THE CAR.
		CAN BUS KEY PROGRAMMING	WHEN THE CAR IS TAKEN TO PROGRAMMING MODE ALL EXISTING KEYS ARE ERASED. WORKING KEYS AND NEW ARE ADDED IN A SINGLE PROCEDURE. REMOTES ARE PROGRAMMED AFTER A SUCCESSFUL KEY PROGRAMMING. TO GET THE CAR TO PROGRAMMING MODE 10 MINUTES MANDATORY DELAY SHOULD BE PASSED. IF KEYS ARE NOT PROGRAMMED WITHIN 45 MINUTES THE CAR WILL GET RID OF PROGRAMMING MODE AND WILL GO BACK TO NORMAL MODE. OR ALTERNATIVELY BATTERY CAN BE DISCONNECTED AND RECONNECTED TO GET RID OF PROGRAMMING MODE.