

# TECHNICAL INFORMATION

The image shows a handheld diagnostic tool, likely a VAG COM tester, used for diagnosing vehicles. The device has a monochrome screen displaying the 'DIAGNOSTIC MENU' with options: 'ECU IDENTIFICATION', 'FAULT CODES', and 'SPECIAL FUNCTIONS'. Below the screen is a numeric keypad (1-9, 0, .) and navigation buttons (up, down, left, right). The background is a repeating pattern of car brand names.

ALFA-LANCIA-ISUZU-OPEL-SUBURU-LOTUS-VAUXHALL-  
CHRYSLERFORD-GENERAL MOTORS-VW-SEAT-SKODA-  
PEUGEOT-NISSAN-CITROEN-FIAT-JAGUAR-LAND ROVER-  
MAZDA  
BMW-  
OPEL-  
VW-S  
JAGUA  
PROTO  
ALFA-  
CHRYSL  
SKODA  
ROVE  
MITSU  
LANCIA  
GENER  
CITROEN-FIAT-JAGUAR-LAND ROVER-MAZDA-TOYOTA-KIA-  
AUDI-LDV-PROTON-MITSUBISHI-BMW-MERCEDES BENZ-  
DAIHATSU-ALFA-LANCIA-ISUZU-OPEL-SUBURU-LOTUS-  
VAUXHALL-CHRYSLERFORD-NISS

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**ACURA**

| VEHICLE | YEAR  | SYSTEM  | KEY PROG | KEY INFO | PIN CODE BYPASS |
|---------|-------|---------|----------|----------|-----------------|
| NSX     | 97-03 | TYPE 1A | Y        | Y        | Y               |
| RL      | 00-03 | TYPE 1B | Y        | Y        | Y               |
| RL      | 96-99 | TYPE 1C | Y        | Y        | Y               |
| CL      | 99-03 | TYPE 2A | Y        | Y        | Y               |
| INTEGRA | 00-01 | TYPE 2A | Y        | Y        | Y               |
| MDX     | 01-03 | TYPE 2B | Y        | Y        | Y               |
| RSX     | 02-03 | TYPE 3  | Y        | Y        | Y               |
| TL      | 99-03 | TYPE 2A | Y        | Y        | Y               |
| TSX     | 2004  | TYPE 4  | Y        | Y        | Y               |

**AUDI**

| VEHICLE | YEAR | KEY PROG | PLIP | *PIN CODE READ | ECU LEARN | LIVE DATA | FAULT CODES |
|---------|------|----------|------|----------------|-----------|-----------|-------------|
| A3      | ALL  | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |
| A4      | ALL  | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |
| A6      | < 96 | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |
| A6      | > 96 | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |
| A8      | < 96 | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |
| A8      | > 96 | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |
| COUPE   | < 97 | Y        | Y    |                | Y         |           | Y           |
| 80/90   | < 97 | Y        | Y    |                | Y         |           | Y           |
| TT      | ALL  | Y        | Y    | >04 MY PETROL  | Y         |           | Y           |

**ALFA**

| VEHICLE | YEAR    | KEY PROG | PLIP PROG | PLIP INFO | KEY INFO | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|---------|----------|-----------|-----------|----------|-----------|-----------|-------------|
| 147     | ALL     | Y        | Y         | Y         | Y        |           | Y         | Y           |
| 156     | 98MY ON | Y        | Y         |           | Y        | Y         | Y         | Y           |
| 166     | 98MY ON | Y        | Y         |           | Y        | Y         | Y         | Y           |
| GT      | ALL     | Y        | Y         |           | Y        | Y         | Y         | Y           |



**CHEVROLET**

| VEHICLE | YEAR       | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|------------|----------|-----------|-----------|-----------|-----------|-------------|
| LUMINA  | ALL MODELS | Y        | Y         |           | Y         | Y         | Y           |
| CAPRICE | ALL MODELS | Y        | Y         |           | Y         | Y         | Y           |

**CITROEN**

| VEHICLE     | YEAR    | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|-------------|---------|----------|-----------|-----------|-----------|-----------|-------------|
| SAXO        | 1997 ON | Y        |           |           | Y         | Y         | Y           |
| XSARA       | 1997 ON | Y        |           |           | Y         | Y         | Y           |
| XSARA CPH   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |
| XANTIA      | 1997 ON | Y        |           |           | Y         | Y         | Y           |
| XANTIA CPH  | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |
| EVASION     | 1997 ON | Y        |           |           | Y         | Y         | Y           |
| EVASION CPH | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |
| BERLINGO    | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |
| PICASSO     | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |
| C2          | 2002 ON | Y        | Y         |           | Y         | Y         | Y           |
| C3          | 2002 ON | Y        | Y         |           | Y         | Y         | Y           |
| C3 Pluriel  | 2002 ON | Y        | Y         |           | Y         | Y         | Y           |
| C5          | 2002 ON | Y        | Y         |           | Y         | Y         | Y           |

**CITROEN—CAN SYSTEMS**

| VEHICLE | YEAR       | KEY PROG | PLIP PROG | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|------------|----------|-----------|-----------|-----------|-------------|
| C4      | ALL MODELS | Y        |           | Y         | Y         | Y           |
| C5      | 2005 ON    | Y        | Y         | Y         | Y         | Y           |



**CHRYSLER / DODGE / JEEP / PLYMOUTH**

| VEHICLE  | TYPE            | YEAR      | SYSTEM          | REMOTE CONTROL |
|----------|-----------------|-----------|-----------------|----------------|
| CHRYSLER | 300M            | 1999-2000 | TYPE 1 OR 2     | Y              |
| CHRYSLER | 300M            | 2001-2003 | TYPE 2          | Y              |
| PLYMOUTH | BREEZE          | 1999-2001 | TYPE 1 OR 2     | Y              |
| DODGE    | CARAVAN         | 2001-2003 | TYPE 2          | Y              |
| JEEP     | CHEROKEE        | 1999-2000 | TYPE 1 OR 2     | Y              |
| JEEP     | CHEROKEE        | 2001      | TYPE 2          | Y              |
| CHRYSLER | CIRRUS          | 1999-2000 | TYPE 1 OR 2     | Y              |
| CHRYSLER | CONCORDE        | 1998-2000 | TYPE 1 OR 2     | Y              |
| CHRYSLER | CONCORDE        | 2001-2003 | TYPE 2          | Y              |
| DODGE    | DAKOTA          | 2001-2004 | TYPE 2          | Y              |
| DODGE    | DURANGO         | 2001-2003 | TYPE 2          | Y              |
| JEEP     | GRAND CHEROKEE  | 1999-2000 | TYPE 1 OR 2     | Y              |
| JEEP     | GRAND CHEROKEE  | 2001-2003 | TYPE 2          | Y              |
| DODGE    | INTREPID        | 1998-2000 | TYPE 1 OR 2     | Y              |
| DODGE    | INTREPID        | 2001-2003 | TYPE 2          | Y              |
| JEEP     | LIBERTY         | 2002-2003 | TYPE 2          | Y              |
| CHRYSLER | LHS             | 1999-2000 | TYPE 1 OR 2     | Y              |
| CHRYSLER | LHS             | 2001      | TYPE 2          | Y              |
| CHRYSLER | NEON            | 2000      | TYPE 1 OR 2     | Y              |
| CHRYSLER | NEON            | 2001-2004 | TYPE 2          | Y              |
| CHRYSLER | PT CRUISER      | 2001-2003 | TYPE 2          | Y              |
| DODGE    | RAM PICK UP     | 2002-2004 | TYPE 2          | Y              |
| CHRYSLER | SEBRING 2DR HTP | 2001-2003 | SEBRING 2DR HTP | Y              |
| CHRYSLER | SEBRING 4DR HTP | 2001-2003 | TYPE 2          | Y              |
| CHRYSLER | SEBRING CONV    | 1998-2000 | TYPE 1 OR 2     | Y              |
| CHRYSLER | SEBRING CONV    | 2001-2003 | TYPE 2          | Y              |
| DODGE    | STRATUS 2DR HTP | 2001-2003 | STRATUS 2DR HTP | Y              |
| DODGE    | STRATUS 4DR HTP | 2001-2003 | TYPE 2          | Y              |
| CHRYSLER | TOWN & COUNTRY  | 2001-2003 | TYPE 2          | Y              |
| PLYMOUTH | VOYAGER         | 2001-2003 | TYPE 2          | Y              |
| JEEP     | WRANGLER        | 1998-2000 | TYPE 1 OR 2     | Y              |
| JEEP     | WRANGLER        | 2001-2004 | TYPE 2          | Y              |



**CHRYSLER/DODGE/PLYMOUTH/JEEP CAN SYSTEMS**

| MAKE     | MODEL          | YEAR      | SYSTEM       | REMOTE CONTROL | PIN CODE BYPASS<br>+ SEED KEY BYPASS |
|----------|----------------|-----------|--------------|----------------|--------------------------------------|
| CHRYSLER | 300            | 2005      | CHRYSLER CAN | Y              | Y                                    |
| CHRYSLER | 300-C Hemi     | 2005      | CHRYSLER CAN | Y              | Y                                    |
| CHRYSLER | PACIFICA       | 2004      | PACIFICA     | Y              | Y                                    |
| CHRYSLER | TOWN & COUNTRY | 2004-2005 | PACIFICA     | Y              | Y                                    |
| DODGE    | CARAVAN        | 2004-2005 | PACIFICA     | Y              | Y                                    |
| DODGE    | DURANGO        | 2004      | CHRYSLER CAN | Y              | Y                                    |
| DODGE    | DURANGO        | 2004—2005 | CHRYSLER CAN | Y              | Y                                    |
| DODGE    | DAKOTA         | 2005      | CHRYSLER CAN | Y              | Y                                    |
| DODGE    | MAGNUM         | 2005      | CHRYSLER CAN | Y              | Y                                    |
| JEEP     | GRAND CHEROKEE | 2005      | CHRYSLER CAN | Y              | Y                                    |





**DACIA**

| VEHICLE   | YEAR       | KEY PROG | PIN CODE REQUIRED |
|-----------|------------|----------|-------------------|
| SOLENZA * | ALL MODELS | Y        | Y                 |

\* NOTE ONLY AVAILABLE WITH RENAULT SOFTWARE

**DAEWOO**

| VEHICLE     | YEAR       | KEY PROG | PIN CODE REQUIRED<br>REQUIRED | REMOTE<br>CONTROL<br>PROGRAMMING |
|-------------|------------|----------|-------------------------------|----------------------------------|
| NEXIA       | ALL MODELS | Y        | N                             |                                  |
| REMAN       | ALL MODELS | Y        | N                             |                                  |
| ESPERO      | ALL MODELS | Y        | N                             |                                  |
| PRINCE      | ALL MODELS | Y        | N                             |                                  |
| SUPER SALON | ALL MODELS | Y        | N                             |                                  |
| CIELO       | ALL MODELS | Y        | N                             |                                  |
| PRINCE II   | ALL MODELS | Y        | N                             |                                  |
| BROUGHAM II | ALL MODELS | Y        | N                             |                                  |
| LANOS       | ALL MODELS | Y        | N                             |                                  |
| NUBIRA      | ALL MODELS | Y        | N                             |                                  |
| LEGANZA     | ALL MODELS | Y        | N                             |                                  |
| MATIZ       | ALL MODELS | Y        | N                             |                                  |
| NEXIA       | ALL MODELS | Y        | N                             |                                  |
| NUBIRA II   | ALL MODELS | Y        | N                             |                                  |
| MAGNUS      | ALL MODELS | Y        | N                             |                                  |
| LEZO        | ALL MODELS | Y        | N                             |                                  |
| ZETA        | ALL MODELS | Y        | N                             |                                  |
| KALOS       | ALL MODELS | Y        | N                             |                                  |
| TACUMA      | ALL MODELS | Y        | N                             |                                  |
| LACETTI     | ALL MODELS | Y        | N                             | Y                                |



**FORD**

| VEHICLE  | TYPE   | YEAR   | KEY<br>PROG | PLIP<br>PROG | ECU<br>LEARN | LIVE<br>DATA | ACTUA-<br>TORS | FAULT<br>CODES |
|----------|--------|--------|-------------|--------------|--------------|--------------|----------------|----------------|
| COUGAR   | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| COURIER  | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| ESCAPE   | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| ESCORT   | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| EXPLORER | PETROL | ALL    | Y           | Y            |              |              |                | Y              |
| EXPLORER | DIESEL | ALL    | Y           | Y            |              |              |                | Y              |
| FALCON   | ALL    | 2000>  | Y           | Y            |              |              |                | Y              |
| FAIRMONT | ALL    | 2000>  | Y           | Y            |              |              |                | Y              |
| FAIRLANE | ALL    | 2000>  | Y           | Y            |              |              |                | Y              |
| FIESTA   | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| FOCUS    | ALL    | <02 MY | Y           | Y            |              |              |                | Y              |
| GALAXY   | DIESEL | >2000  | Y           | Y            |              |              |                | Y              |
| GALAXY   | PETROL | >2000  | Y           | Y            |              |              |                | Y              |
| GRANADA  | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| KA       | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| LTD      | ALL    | 2000>  | Y           | Y            |              |              |                | Y              |
| MAVERICK | DIESEL | ALL    | Y           | Y            |              |              |                | Y              |
| MAVERICK | PETROL | ALL    | Y           | Y            |              |              |                | Y              |
| MONDEO   | ALL    | <02 MY | Y           | Y            |              |              |                | Y              |
| ORION    | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| PUMA     | ALL    | ALL    | Y           | Y            |              |              |                | Y              |
| SCORPIO  | DIESEL | ALL    | Y           | Y            |              |              |                | Y              |
| SCORPIO  | PETROL | ALL    | Y           | Y            |              |              |                | Y              |
| TORNEO   | DIESEL | ALL    | Y           | Y            |              |              |                | Y              |
| TORNEO   | PETROL | ALL    | Y           | Y            |              |              |                | Y              |
| TRANSIT  | DSM    | <02 MY | Y           | Y            |              |              |                | Y              |
| TRANSIT  | EPIC   | <02 MY | Y           | Y            |              |              |                | Y              |
| TRANSIT  | PETROL | <02 MY | Y           | Y            |              |              |                | Y              |
| TRANSIT  | LPG    | <02 MY | Y           | Y            |              |              |                | Y              |
| WINDSTAR | PETROL | ALL    | Y           | Y            |              |              |                | Y              |
| WINDSTAR | DIESEL | ALL    | Y           | Y            |              |              |                | Y              |



**FORD - CODED & CAN BUS SYSTEMS**

| VEHICLE         | TYPE | YEAR   | KEY PROG | FAULT CODES |
|-----------------|------|--------|----------|-------------|
| CMAX            | CAN  | ALL    | Y        | Y           |
| FIESTA (NEW)    | CAN  | ALL    | Y        | Y           |
| FOCUS           | SCP  | ALL    | Y        | Y           |
| FOCUS           | CAN  | ALL    | Y        | Y           |
| FUSION          | CAN  | ALL    | Y        | Y           |
| KA              | SCP  | ALL    | Y        | Y           |
| KA              | CAN  | 2002 > | Y        | Y           |
| MONDEO          | SCP  | ALL    | Y        | Y           |
| TRANSIT CONNECT | SCP  | ALL    | Y        | Y           |
| TRANSIT         | SCP  | ALL    | Y        | Y           |



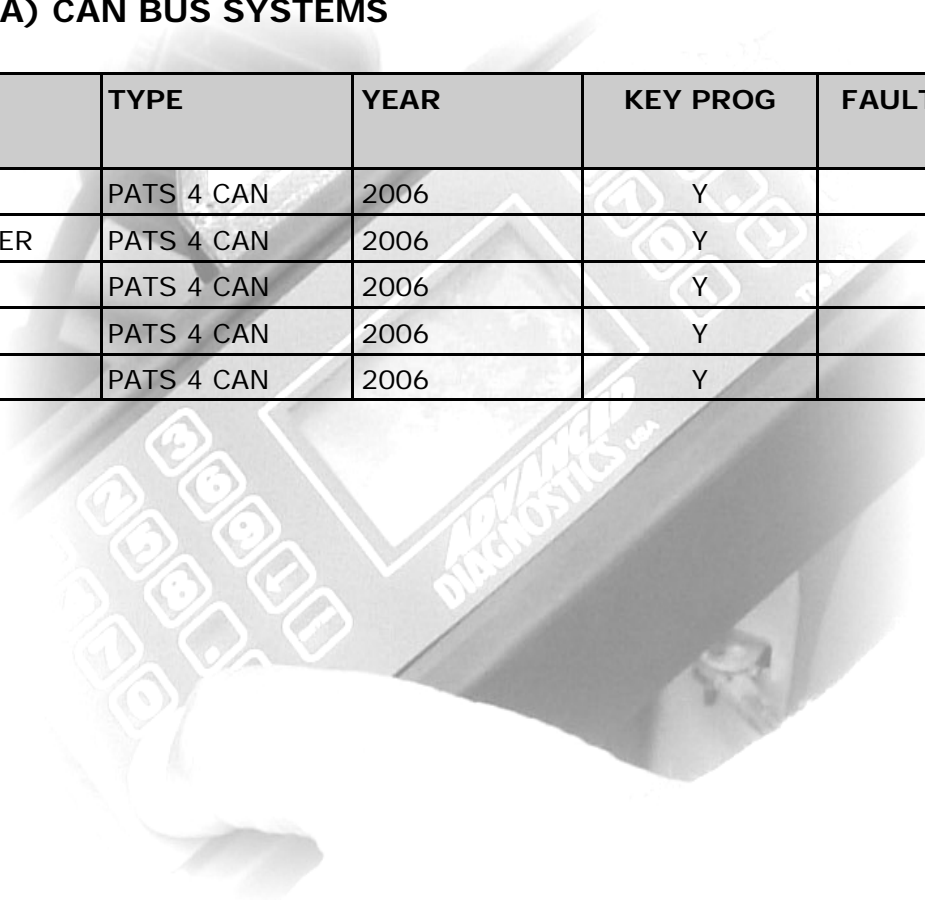
**FORD (USA)**

| VEHICLE         | TYPE   | YEAR  | KEY PROG | FAULT CODES |
|-----------------|--------|-------|----------|-------------|
| 500             | CAN    | 2005  | Y        | Y           |
| CONTOUR         | PCM    | ALL   | Y        | Y           |
| CONTOUR         | PATS 1 | 97    | Y        | Y           |
| CONTOUR         | PATS 2 | 98-99 | Y        | Y           |
| CROWN VICTORIA  | PCM    | ALL   | Y        | Y           |
| ESCAPE          | PCM    | ALL   | Y        | Y           |
| EXCURSION       | PATS 2 | 00-03 | Y        | Y           |
| EXPEDITION      | PCM    | ALL   | Y        | Y           |
| EXPEDITION      | HEC    | 99-02 | Y        | Y           |
| EXPEDITION      | PATS 1 | 98    | Y        | Y           |
| EXPEDITION      | PATS 2 | 99    | Y        | Y           |
| EXPEDITION      | CAN    | 2005  | Y        | Y           |
| EXPLORER        | PCM    | ALL   | Y        | Y           |
| EXPLORER        | PATS 2 | 98-01 | Y        | Y           |
| EXPLORER SPORT  | PCM    | ALL   | Y        | Y           |
| F150            | HEC    | 99-03 | Y        | Y           |
| F250            | HEC    | 99-01 | Y        | Y           |
| FOCUS           | PCM    | ALL   | Y        | Y           |
| FOCUS           | CAN    | ALL   | Y        | Y           |
| FREESTYLE       | CAN    | 2005  | Y        | Y           |
| F-SERIES S-DUTY | HEC    | 99-02 | Y        | Y           |
| F-SERIES S-DUTY | PATS 2 | 99-01 | Y        | Y           |
| MUSTANG         | HEC    | 99-02 | Y        | Y           |
| MUSTANG         | PATS 1 | 96    | Y        | Y           |
| MUSTANG         | PATS 2 | 98-99 | Y        | Y           |
| RANGER          | PCM    | ALL   | Y        | Y           |
| RANGER          | PATS 2 | 99-00 | Y        | Y           |
| SPORT TRAC      | PCM    | ALL   | Y        | Y           |
| TAURUS          | PCM    | ALL   | Y        | Y           |
| TAURUS          | PATS 1 | 96-97 | Y        | Y           |
| TAURUS          | PATS 2 | 98-99 | Y        | Y           |
| THUNDERBIRD     | ICM    | ALL   | Y        | Y           |
| WINDSTAR        | PCM    | ALL   | Y        | Y           |
| WINDSTAR        | ICM    | 99-00 | Y        | Y           |
| WINDSTAR        | PATS 2 | 98    | Y        | Y           |



**FORD (USA) CAN BUS SYSTEMS**

| VEHICLE     | TYPE       | YEAR | KEY PROG | FAULT CODES |
|-------------|------------|------|----------|-------------|
| EXPLORER    | PATS 4 CAN | 2006 | Y        | Y           |
| MOUNTAINEER | PATS 4 CAN | 2006 | Y        | Y           |
| FUSION      | PATS 4 CAN | 2006 | Y        | Y           |
| MILAN       | PATS 4 CAN | 2006 | Y        | Y           |
| ZEPHER      | PATS 4 CAN | 2006 | Y        | Y           |





**FIAT**

| VEHICLE   | YEAR      | KEY<br>PROG | KEY<br>INFO | PLIP<br>PROG | PLIP<br>INFO | LIVE<br>DATA | ACTUA<br>TORS | FAULT<br>CODES |
|-----------|-----------|-------------|-------------|--------------|--------------|--------------|---------------|----------------|
| SCUDO     | ALL       | Y           |             | Y            |              | Y            | Y             | Y              |
| DOBLO     | ALL       | Y           | Y           | Y            | Y            |              | Y             | Y              |
| DUCATO    | 98MY ON   | Y           | Y           |              |              | Y            | Y             | Y              |
| MULTIPLA  | 98MY ON   | Y           | Y           |              |              | Y            | Y             | Y              |
| PALIO     | ALL       | Y           | Y           | Y            | Y            |              | Y             | Y              |
| PUNTO     | NEW SHAPE | Y           | Y           | Y            | Y            |              | Y             | Y              |
| SEICENTO  | 99MY ON   | Y           | Y           |              |              | Y            | Y             | Y              |
| STILO     | ALL       | Y           | Y           | Y            | Y            |              | Y             | Y              |
| ULYSSE    | ALL       | Y           | Y           |              |              | Y            | Y             | Y              |
| IDEAL     | ALL       | Y           | Y           | Y            | Y            | Y            | Y             | Y              |
| NEW PANDA | ALL       | Y           | Y           | Y            | Y            |              | Y             | Y              |



**GENERAL MOTORS**

| VEHICLE               | YEAR       | KEY<br>PROG | PLIP<br>PROG | ECU<br>LEARN | LIVE<br>DATA | ACTUA-<br>TORS | FAULT<br>CODES | PIN CODE<br>READING |
|-----------------------|------------|-------------|--------------|--------------|--------------|----------------|----------------|---------------------|
| ARENA                 | 95 +       | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| ASTRA - F             | 95—01      | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| ASTRA - G             | 98+        | Y           | Y            |              | Y            | Y              | Y              |                     |
| ASTRA - H             | 2003 +     | Y           | Y            |              | Y            | Y              | Y              |                     |
| CALIBRA               | 95/96      | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| AGILA                 | ALL MODELS | Y           | Y            |              | Y            | Y              | Y              |                     |
| CALIBRA               | 97         | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| CAVALIER              | 95         | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| CAVALIER              | 96         | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| COMBO                 | ALL MODELS | Y           | Y            |              | Y            | Y              | Y              |                     |
| CORSA - B             | 95         | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| CORSA - B             | 96         | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| CORSA - C             | 2000 +     | Y           | Y            |              | Y            | Y              | Y              |                     |
| FRONTERA              | 97-98      | Y           | Y            |              | Y            | Y              | Y              |                     |
| FRONTERA-B            | 99 +       | Y           | Y            |              | Y            | Y              | Y              |                     |
| MERIVA                | ALL MODELS | Y           | Y            |              | Y            | Y              | Y              |                     |
| MONTERAY              | 96/97      | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| MONTERAY              | 98+        | Y           | Y            |              | Y            | Y              | Y              |                     |
| OMEGA - B             | 94/95      | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| OMEGA - B             | 96+        | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| SINTRA                | 97+        | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| TIGRA                 | 95         | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| TIGRA                 | 96+        | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| VECTRA-B              | 96+        | Y           | Y            |              | Y            | Y              | Y              | Y *                 |
| VECTRA-C              | 2002 +     | Y           | Y            |              | Y            | Y              | Y              |                     |
| VIVARO                | 02+        | Y           | Y            |              | Y            | Y              | Y              |                     |
| VX220                 | ALL MODELS | Y           | Y            |              | Y            | Y              | Y              |                     |
| ZAFIRA                | 99+        | Y           | Y            |              | Y            | Y              | Y              |                     |
| <b>ECU<br/>CODING</b> |            |             |              |              |              |                |                |                     |
| SIMTEC 56             |            |             |              | Y            |              |                |                |                     |
| SIMTEC 56.5           |            |             |              | Y            |              |                |                |                     |

\* THE PIN CODE READING WORKS ON MOST IMMOBILISERS WITH FIXED CODE TRANSPONDERS.

\* THE PIN CODE READING IS AN OPTIONAL EXTRA TO GENERAL MOTORS SOFTWARE



**GM HOLDEN**

| VEHICLE      | YEAR       | KEY<br>PROG | PLIP<br>PROG | LIVE<br>DATA | ACTUA-<br>TORS | FAULT<br>CODES | PIN<br>CODE<br>READ |
|--------------|------------|-------------|--------------|--------------|----------------|----------------|---------------------|
| ASTRA - F    | 95/96      | Y           | Y            | Y            | Y              | Y              | Y*                  |
| ASTRA - G    | 98+        | Y           | Y            | Y            | Y              | Y              |                     |
| CALIBRA      | 95/96      | Y           | Y            | Y            | Y              | Y              | Y*                  |
| COMBO        | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| VR COMMODORE | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| VS COMMODORE | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| VT COMMODORE | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| VX COMMODORE | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| VY COMMODORE | ALL MODELS | Y           | Y            | Y            | Y              | Y              | Y*                  |
| BARINA—B     | 95/96 >    | Y           | Y            | Y            | Y              | Y              | Y*                  |
| BARINA—C     | 2000 +     | Y           | Y            | Y            | Y              | Y              |                     |
| FRONTERA     | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| JACKAROO     | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| MONARO       | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| MONTERAY     | 96         | Y           | Y            | Y            | Y              | Y              |                     |
| MONTERAY     | 97         | Y           | Y            | Y            | Y              | Y              |                     |
| MONTERAY     | 98+        | Y           | Y            | Y            | Y              | Y              |                     |
| OMEGA - B    | 94/95      | Y           | Y            | Y            | Y              | Y              | Y*                  |
| OMEGA - B    | 96+        | Y           | Y            | Y            | Y              | Y              | Y*                  |
| RODEO        | 2001 >     | Y           | Y            | Y            | Y              | Y              |                     |
| SINTRA       | 97+        | Y           | Y            | Y            | Y              | Y              |                     |
| TIGRA        | 95/96 +    | Y           | Y            | Y            | Y              | Y              | Y*                  |
| VECTRA       | 96+        | Y           | Y            | Y            | Y              | Y              | Y*                  |
| VIVARO       | 02+        | Y           | Y            | Y            | Y              | Y              |                     |
| VU Ute       | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| WH STATESMAN | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| WH CAPRICE   | ALL MODELS | Y           | Y            | Y            | Y              | Y              |                     |
| ZAFIRA       | 99+        | Y           | Y            | Y            | Y              | Y              |                     |

\* THE PIN CODE READING WORKS ON MOST IMMOBILISERS WITH FIXED CODE TRANSPONDERS.

\* THE PIN CODE READING IS AN OPTIONAL EXTRA TO GENERAL MOTORS SOFTWARE



**GM USA**

| VEHICLE   | MODEL       | YEAR |
|-----------|-------------|------|
| BUICK     | LACROSS     | 2005 |
| BUICK     | LESABRE     | 2000 |
| BUICK     | LESABRE     | 2001 |
| BUICK     | LESABRE     | 2002 |
| BUICK     | LESABRE     | 2003 |
| BUICK     | LESABRE     | 2004 |
| BUICK     | LESABRE     | 2005 |
| BUICK     | PARK AVENUE | 1997 |
| BUICK     | PARK AVENUE | 1998 |
| BUICK     | PARK AVENUE | 1999 |
| BUICK     | PARK AVENUE | 2000 |
| BUICK     | PARK AVENUE | 2001 |
| BUICK     | PARK AVENUE | 2002 |
| BUICK     | PARK AVENUE | 2003 |
| BUICK     | PARK AVENUE | 2004 |
| BUICK     | PARK AVENUE | 2005 |
| BUICK     | RENDEZVOUS  | 2002 |
| BUICK     | RENDEZVOUS  | 2003 |
| BUICK     | RENDEZVOUS  | 2004 |
| BUICK     | RENDEZVOUS  | 2005 |
| CADDILLAC | DEVILLE     | 2000 |
| CADDILLAC | DEVILLE     | 2001 |
| CADDILLAC | DEVILLE     | 2002 |
| CADDILLAC | DEVILLE     | 2003 |
| CADDILLAC | DEVILLE     | 2004 |
| CADDILLAC | DEVILLE     | 2005 |
| CADDILLAC | SEVILLE     | 1998 |
| CADDILLAC | SEVILLE     | 1999 |
| CADDILLAC | SEVILLE     | 2000 |
| CADDILLAC | SEVILLE     | 2001 |
| CADDILLAC | SEVILLE     | 2002 |
| CADDILLAC | SEVILLE     | 2003 |
| CADDILLAC | SEVILLE     | 2004 |
| CADDILLAC | SEVILLE     | 2005 |



**GM USA**

| VEHICLE    | MODEL      | YEAR |
|------------|------------|------|
| CHEVROLET  | VENTURE    | 1999 |
| CHEVROLET  | VENTURE    | 2000 |
| CHEVROLET  | VENTURE    | 2001 |
| CHEVROLET  | VENTURE    | 2002 |
| CHEVROLET  | VENTURE    | 2003 |
| CHEVROLET  | VENTURE    | 2004 |
| CHEVROLET  | VENTURE    | 2005 |
| OLDSMOBILE | AURORA     | 2001 |
| OLDSMOBILE | AURORA     | 2002 |
| OLDSMOBILE | AURORA     | 2003 |
| OLDSMOBILE | SILHOUETTE | 1999 |
| OLDSMOBILE | SILHOUETTE | 2000 |
| OLDSMOBILE | SILHOUETTE | 2001 |
| OLDSMOBILE | SILHOUETTE | 2002 |
| OLDSMOBILE | SILHOUETTE | 2003 |
| OLDSMOBILE | SILHOUETTE | 2004 |
| PONTIAC    | AZTEC      | 2001 |
| PONTIAC    | AZTEC      | 2002 |
| PONTIAC    | AZTEC      | 2003 |
| PONTIAC    | AZTEC      | 2004 |
| PONTIAC    | AZTEC      | 2005 |
| PONTIAC    | BONNEVILLE | 2000 |
| PONTIAC    | BONNEVILLE | 2001 |
| PONTIAC    | BONNEVILLE | 2002 |
| PONTIAC    | BONNEVILLE | 2003 |
| PONTIAC    | BONNEVILLE | 2004 |
| PONTIAC    | BONNEVILLE | 2005 |
| PONTIAC    | GRAND PRIX | 2000 |
| PONTIAC    | GRAND PRIX | 2001 |
| PONTIAC    | GRAND PRIX | 2002 |
| PONTIAC    | GRAND PRIX | 2003 |
| PONTIAC    | MONTANA    | 1999 |
| PONTIAC    | MONTANA    | 2000 |
| PONTIAC    | MONTANA    | 2001 |
| PONTIAC    | MONTANA    | 2002 |
| PONTIAC    | MONTANA    | 2003 |
| PONTIAC    | MONTANA    | 2004 |
| PONTIAC    | TRANSPORT  | 1999 |



**HONDA**

| VEHICLE      | YEAR  | SYSTEM   | KEY PROG | KEY INFO | PIN CODE BYPASS |
|--------------|-------|----------|----------|----------|-----------------|
| ACCORD       | 98-02 | TYPE 2C  | Y        | Y        | Y               |
| ACCORD       | 98-02 | TYPE 2A  | Y        | Y        | Y               |
| ACCORD       | 2003  | TYPE 4   | Y        | Y        | Y               |
| ACCORD 4 CYL | 1997  | TYPE 5/6 | Y        | Y        | Y               |
| CIVIC 3 DOOR | 96-99 | TYPE 5/6 | Y        | Y        | Y               |
| CIVIC 4 DOOR | 96-99 | TYPE 5/6 | Y        | Y        | Y               |
| CIVIC COUPE  | 96-98 | TYPE 5/6 | Y        | Y        | Y               |
| CIVIC        | 01-02 | TYPE 3   | Y        | Y        | Y               |
| CIVIC        | 2003  | TYPE 3   | Y        | Y        | Y               |
| CR-V         | 02-03 | TYPE 3   | Y        | Y        | Y               |
| ELEMENT      | 2003  | TYPE 3   | Y        | Y        | Y               |
| FR-V         | 2004  | TYPE 3   | Y        | Y        | Y               |
| HRV          | ALL   | TYPE 2A  | Y        | Y        | Y               |
| INSIGHT      | 00-03 | TYPE 2A  | Y        | Y        | Y               |
| INTEGRA      | 98-99 | TYPE 5/6 | Y        | Y        | Y               |
| JAZZ         | ALL   | TYPE 3   | Y        | Y        | Y               |
| ODYSSEY      | 98-03 | TYPE 2A  | Y        | Y        | Y               |
| PILOT        | 2003  | TYPE 2B  | Y        | Y        | Y               |
| PRELUDE      | 97-99 | TYPE 5/6 | Y        | Y        | Y               |
| PRELUDE      | 97-02 | TYPE 1A  | Y        | Y        | Y               |
| S2000        | 00-03 | TYPE 2A  | Y        | Y        | Y               |
| HRV          | ALL   | TYPE 2A  | Y        | Y        | Y               |



**HYUNDAI**

| VEHICLE     | YEAR       | KEY PROG | PIN CODE BYPASS |
|-------------|------------|----------|-----------------|
| ACCENT      | ALL MODELS | Y        | Y               |
| AMICA       | ALL MODELS | Y        | Y               |
| ATOS        | ALL MODELS | Y        | Y               |
| AZERA       | ALL MODELS | Y        | Y               |
| CENTENNIAL  | ALL MODELS | Y        | Y               |
| ELANTRA     | ALL MODELS | Y        | Y               |
| EXCEL       | ALL MODELS | Y        | Y               |
| GALLOPER II | ALL MODELS | Y        | Y               |
| GETZ        | ALL MODELS | Y        | Y               |
| GRANDEUR    | ALL MODELS | Y        | Y               |
| H-1         | ALL MODELS | Y        | Y               |
| H-1 TRUCK   | ALL MODELS | Y        | Y               |
| H-100       | ALL MODELS | Y        | Y               |
| H-100 TRUCK | ALL MODELS | Y        | Y               |
| HD COUPE    | ALL MODELS | Y        | Y               |
| MARCIA      | ALL MODELS | Y        | Y               |
| MATRIX      | ALL MODELS | Y        | Y               |
| S COUPE     | ALL MODELS | Y        | Y               |
| SANTAFE     | ALL MODELS | Y        | Y               |
| SANTAMO     | ALL MODELS | Y        | Y               |
| SONATA      | ALL MODELS | Y        | Y               |
| TAXI        | ALL MODELS | Y        | Y               |
| TERRACAN    | ALL MODELS | Y        | Y               |
| TRAJET XG   | ALL MODELS | Y        | Y               |
| TUCSON      | ALL MODELS | Y        | Y               |
| XG          | ALL MODELS | Y        | Y               |



**HYUNDAI (USA/CANADA)**

| VEHICLE  | YEAR       | KEY PROG | PIN CODE BYPASS |
|----------|------------|----------|-----------------|
| TIBURON  | 2004 MY ON | Y        | Y               |
| AZERA    | 2005 MY ON | Y        | Y               |
| SPORTAGE | 2005 MY    | Y        | Y               |
| XG300    | 2004 MY ON | Y        | Y               |
| XG350    | 2004 MY ON | Y        | Y               |

**ISUZU**

| VEHICLE | SYSTEM     | KEY PROG | PLIP PROG | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|------------|----------|-----------|-----------|-----------|-------------|
| TROOPER | ALL MODELS | Y        | Y         | Y         | Y         | Y           |
| RODEO   | ALL MODELS | Y        | Y         | Y         | Y         | Y           |

**IVECO**

| VEHICLE | SYSTEM | ENGINE/MODEL               | KEY PROG | PLIP PROG | FAULT CODES |
|---------|--------|----------------------------|----------|-----------|-------------|
| DAILY   | BOSCH  | 29L 10, 11, 12, 14         | Y        | Y         | Y           |
| DAILY   | BOSCH  | 35S 10, 11, 12, 13, 14, 17 | Y        | Y         | Y           |
| DAILY   | BOSCH  | 35C 10, 11, 12, 13, 14, 17 | Y        | Y         | Y           |
| DAILY   | BOSCH  | 40C 10, 11, 12, 13         | Y        | Y         | Y           |
| DAILY   | BOSCH  | 45C 10, 13                 | Y        | Y         | Y           |
| DAILY   | BOSCH  | 50C 11, 13, 14, 17         | Y        | Y         | Y           |
| DAILY   | BOSCH  | 60C 15                     | Y        | Y         | Y           |
| DAILY   | BOSCH  | 65C 15, 17                 | Y        | Y         | Y           |



**INFINITI**

| VEHICLE | SYSTEM | KEY<br>PROG | PLIP<br>PROG | FAULT CODES |
|---------|--------|-------------|--------------|-------------|
| Q45     | NATS   | Y           |              | Y           |
| QX4     | NATS   | Y           |              | Y           |
| I30     | NATS   | Y           |              | Y           |
| I35     | NATS   | Y           |              | Y           |
| G20     | NATS   | Y           |              | Y           |

**JAGUAR**

| VEHICLE | SYSTEM | KEY<br>PROG | PLIP<br>PROG |
|---------|--------|-------------|--------------|
| S Type  | PATS   | Y           |              |
| X Type  | PATS   | Y           |              |
| XKR     | PATS   | Y           |              |
| XK8     | PATS   | Y           |              |





**LAND ROVER**

| VEHICLE             | SYSTEM | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|---------------------|--------|----------|-----------|-----------|-----------|-----------|-------------|
| CLASSIC RANGE ROVER | 10AS   |          | Y         |           |           |           |             |
| DEFENDER            | 10AS   |          | Y         |           |           |           |             |
| DISCOVERY (OLD)     | 10AS   |          | Y         |           |           |           |             |
| FREELANDER          | 27VT   |          | Y         |           |           |           |             |
| MEMS 1.9            | EMS    |          |           | Y         | Y         | Y         | Y           |
| MEMS 2J             | EMS    |          |           | Y         | Y         | Y         | Y           |

**LDV**

| VEHICLE | SYSTEM     | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|------------|----------|-----------|-----------|-----------|-----------|-------------|
| CONVOY  | ALL MODELS | Y        |           |           |           |           |             |
| CUB     | ALL MODELS | Y        |           |           |           |           |             |

**LANCIA**

| VEHICLE | YEAR    | KEY PROG | PLIP | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|---------|----------|------|-----------|-----------|-------------|
| LYBRA   | ALL     | Y        |      | Y         | Y         | Y           |
| PHEDERA | ALL     | Y        |      | Y         | Y         | Y           |
| THESIS  | 98MY ON | Y        | Y    |           | Y         | Y           |
| Z       | ALL     | Y        |      | Y         | Y         | Y           |



**LEXUS (USA)**

| MODEL | YEAR | SYS-<br>TEM<br>TYPE | Reset<br>Immobi-<br>liser<br>System | Add or<br>Rewrite<br>Keys | Add or<br>Rewrite<br>Wireless | Live<br>Data<br>Feed | Read &<br>Clear<br>Faults |
|-------|------|---------------------|-------------------------------------|---------------------------|-------------------------------|----------------------|---------------------------|
| ES300 | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| ES330 | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
| GS300 | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| GS430 | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| GX470 | 2003 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
| LS430 | 2001 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2002 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2003 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
| LX470 | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|       | 2003 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
| RX330 | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
| SC430 | 2002 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2003 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|       | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |



**LEXUS (EUROPE)**

| MODEL          | YEAR | SYS-<br>TEM<br>TYPE | Reset<br>Immobi-<br>liser<br>System | Add or<br>Rewrite<br>Keys | Add or<br>Rewrite<br>Wireless | Live<br>Data<br>Feed | Read &<br>Clear<br>Faults |
|----------------|------|---------------------|-------------------------------------|---------------------------|-------------------------------|----------------------|---------------------------|
| ES300          | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| GS300<br>IS300 | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| GS430          | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| LX470          | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                | 2003 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|                | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |

**LINCOLN**

| VEHICLE     | SYSTEM | YEAR  | KEY PROG | FAULT CODES |
|-------------|--------|-------|----------|-------------|
| NAVIGATOR   | PCM    | ALL   | Y        | Y           |
| NAVIGATOR   | CAN    | 2005  | Y        | Y           |
| AVIATOR     | PCM    | ALL   | Y        | Y           |
| BLACKWOOD   | HEC    | 02-03 | Y        | Y           |
| NAVIGATOR   | HEC    | 99-02 | Y        | Y           |
| TOWNCAR     | HEC    | 98-02 | Y        | Y           |
| TOWNCAR     | CAN    | 2005  | Y        | Y           |
| LINCOLN LS  | ICM    | 00-03 | Y        | Y           |
| MARK VIII   | SCIL   | 97-98 | Y        | Y           |
| CONTINENTAL | VIC    | 98-02 | Y        | Y           |
| LINCOLN LS  | SCLM   | 00-02 | Y        | Y           |
| NAVIGATOR   | PATS 1 | 98    | Y        | Y           |
| NAVIGATOR   | PATS 2 | 99    | Y        | Y           |



**MAZDA**

| VEHICLE    | SYSTEM     | YEAR  | KEY PROG | FAULT CODES |
|------------|------------|-------|----------|-------------|
| 121        | PATS 2     | TBA   | Y        | Y           |
| 626 PETROL | PATS 2     | TBA   | Y        | Y           |
| TRIBUTE    | PCM        | ALL   | Y        | Y           |
| DEMIO      | PATS 3 SCP | TBA   | Y        | Y           |
| B-SERIES   | PCM        | ALL   | Y        | Y           |
| B-SERIES   | PATS 2     | 99-00 | Y        | Y           |
| MAZDA 2 *  | CAN        | ALL   | Y        | Y           |
| MAZDA 6 *  | CAN        | ALL   | Y        | Y           |
| MAZDA 3 *  | CAN        | ALL   | Y        | Y           |
| RX-8 *     | CAN        | ALL   | Y        | Y           |

\* NOTE : MAZDA CAN BUS SYSTEMS REQUIRE INCODE & OUTCODE CONVERSION

**MERCURY**

| VEHICLE       | SYSTEM | YEAR  | KEY PROG | FAULT CODES |
|---------------|--------|-------|----------|-------------|
| COUGAR        | PCM    | ALL   | Y        | Y           |
| GRAND MARQUIS | PCM    | ALL   | Y        | Y           |
| MOUNTAINEER   | PCM    | ALL   | Y        | Y           |
| MYSTIQUE      | PCM    | ALL   | Y        | Y           |
| SABLE         | PCM    | ALL   | Y        | Y           |
| MYSTIQUE      | PATS 1 | 97    | Y        | Y           |
| SABLE         | PATS 1 | 96-97 | Y        | Y           |
| GRAND MARQUIS | PATS 2 | 98-02 | Y        | Y           |
| MOUNTAINEER   | PATS 2 | 98-01 | Y        | Y           |
| MYSTIQUE      | PATS 2 | 98-99 | Y        | Y           |
| SABLE         | PATS 2 | 98-99 | Y        | Y           |
| MONTEGO       | CAN    | 2005  | Y        | Y           |



**MITSUBISHI**

| VEHICLE         | MODEL YEAR | KEY PROG | ECU LEARN | PLIP PROG | FAULT CODES |
|-----------------|------------|----------|-----------|-----------|-------------|
| 3000 GT         | ALL MODELS | Y        |           |           | Y           |
| CHALLENGER      | ALL MODELS | Y        |           |           | Y           |
| COLT            | ALL MODELS | Y        |           |           | Y           |
| ECLIPSE         | ALL MODELS | Y        |           |           | Y           |
| EXPRESS VAN     | ALL MODELS | Y        |           |           | Y           |
| GALANT          | ALL MODELS | Y        |           |           | Y           |
| GRANDIS         | ALL MODELS | Y        |           |           | Y           |
| L400            | ALL MODELS | Y        |           |           | Y           |
| LANCER          | ALL MODELS | Y        |           |           | Y           |
| LANCER WAGON    | ALL MODELS | Y        |           |           | Y           |
| LANCER EUROSPEC | ALL MODELS | Y        |           |           | Y           |
| MAGNA           | ALL MODELS | Y        |           |           | Y           |
| NIMBUS          | 99         | Y        |           |           | Y           |
| NIMBUS          | 95         | Y        |           |           | Y           |
| OUTLANDER       | 2004       | Y        |           |           | Y           |
| PAJERO          | 97         | Y        |           |           | Y           |
| PAJERO          | 2000       | Y        |           |           | Y           |
| PAJERO IO       | ALL MODELS | Y        |           |           | Y           |
| PININ           | ALL MODELS | Y        |           |           | Y           |
| SHOGUN          | 97         | Y        |           |           | Y           |
| SHOGUN          | 0          | Y        |           |           | Y           |
| SHOGUN SPORT    | ALL MODELS | Y        |           |           | Y           |
| SIGMA           | ALL MODELS | Y        |           |           | Y           |
| SPACESTAR       | ALL MODELS | Y        |           |           | Y           |
| SPACEWAGON      | ALL MODELS | Y        |           |           | Y           |
| TRITON          | ALL MODELS | Y        |           |           | Y           |
| VERADA          | ALL MODELS | Y        |           |           | Y           |



**NISSAN**

| VEHICLE       | MODEL YEAR | SYSTEM       | KEY PROG | ECU LEARN | PIN CODE RQD | FAULT CODES |
|---------------|------------|--------------|----------|-----------|--------------|-------------|
| ALMERA        | TO 2000    | NATS 2,3 & 4 | Y        |           | N            | Y           |
| ALMERA        | 2000 ON    | NATS 5       | Y        |           | Y            | Y           |
| ALMERA TINO   | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| ALTIMA        | ALL MODELS | NATS 2,3 & 4 | Y        |           | N            | Y           |
| ALTIMA        | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| CABSTAR       | ALL MODELS | NATS 2       | Y        |           | N            | Y           |
| D22           | ALL MODELS | NATS 2       | Y        |           | N            | Y           |
| INTERSTAR     | ALL MODELS | RENAULT      | Y        |           | Y            | Y           |
| PRIMASTAR     | ALL MODELS | RENAULT      | Y        |           | Y            | Y           |
| MAXIMA        | ALL MODELS | NATS 2,3 & 4 | Y        |           | N            | Y           |
| MAXIMA        | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| MICRA         | TO 2000    | NATS 2,3 & 4 | Y        |           | N            | Y           |
| MICRA         | 2000 ON    | NATS 5       | Y        |           | Y            | Y           |
| NAVARA        | TO 2000    | NATS 2,3 & 4 | Y        |           | N            | Y           |
| NAVARA        | 2000 ON    | NATS 5       | Y        |           | Y            | Y           |
| PATHFINDER    | TO 2000    | NATS 2,3 & 5 | Y        |           | N            | Y           |
| PATHFINDER    | 2000 ON    | NATS 5       | Y        |           | Y            | Y           |
| PATROL        | ALL MODELS | NATS 2       | Y        |           | N            | Y           |
| PRIMERA       | TO 2000    | NATS 2,3 & 4 | Y        |           | N            | Y           |
| PRIMERA       | 2000 ON    | NATS 5       | Y        |           | Y            | Y           |
| PULSAR        | ALL MODELS | NATS 2,3 & 4 | Y        |           | N            | Y           |
| PULSAR        | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| SENTRA        | ALL MODELS | NATS 2,3 & 4 | Y        |           | N            | Y           |
| SENTRA        | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| SERENA        | ALL MODELS | NATS 2       | Y        |           | N            | Y           |
| SKYLINE       | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| STANZA        | ALL MODELS | NATS 2,3 & 4 | Y        |           | N            | Y           |
| STANZA        | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| TERRANO II    | TO 2000    | NATS 2       | Y        |           | N            | Y           |
| TERRANO II    | 2001 ON    | NATS 5       | Y        |           | Y            | Y           |
| VANETTE       | ALL MODELS | NATS 2       | Y        |           | N            | Y           |
| X-TRAIL SPORT | ALL MODELS | NATS 5       | Y        |           | Y            | Y           |
| 200SX         | ALL MODELS | NATS 2       | Y        |           | N            | Y           |



**NISSAN (CAN BUS)**

| VEHICLE   | MODEL YEAR | SYSTEM     | KEY PROG | ECU LEARN | PIN CODE RQD | FAULT CODES |
|-----------|------------|------------|----------|-----------|--------------|-------------|
| MICRA K12 | 2003 ON    | NATS 6 CAN | Y        |           | Y            | Y           |
| MICRA K12 | 2003 ON    | NATS 6 CAN | Y        |           | Y            | Y           |

**PEUGEOT**

| VEHICLE   | YEAR    | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES | SERVICE RESET |
|-----------|---------|----------|-----------|-----------|-----------|-----------|-------------|---------------|
| 106       | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| 206 BSI   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |               |
| 306       | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| 306 CPH   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |               |
| 307 BSI   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           | Y             |
| 406       | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| 406 COUPE | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| 406 (NEW) | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| 406 CPH   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |               |
| 607 BSI   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           | Y             |
| 806       | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| 806 CPH   | 1997 ON | Y        | Y         |           | Y         | Y         | Y           |               |
| 807       | 2002 ON | Y        | Y         |           | Y         | Y         | Y           |               |
| PARTNER   | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| EXPERT    | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |
| RANCH     | 1997 ON | Y        |           |           | Y         | Y         | Y           |               |

**PEUGEOT—CAN SYSTEMS**

| VEHICLE | YEAR       | KEY PROG | PLIP PROG | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|------------|----------|-----------|-----------|-----------|-------------|
| 407     | ALL MODELS | Y        | Y         | Y         | Y         | Y           |
| 307     | 2005 ON    | Y        | Y         | Y         | Y         | Y           |



**PONTIAC**

| VEHICLE | YEAR | KEY<br>PROG | PLIP<br>PROG | LIVE<br>DATA | ACTUA-<br>TORS | FAULT<br>CODES | PIN<br>CODE<br>READ |
|---------|------|-------------|--------------|--------------|----------------|----------------|---------------------|
| GTO     | 2005 | Y           | Y            | Y            | Y              | Y              | Y                   |

**PROTON**

| VEHICLE      | YEAR | KEY PROG | PLIP PROG |
|--------------|------|----------|-----------|
| ISWARA       | ALL  | Y        |           |
| PUTRA        | ALL  | Y        |           |
| PERDANA      | ALL  | Y        |           |
| WAJA         | ALL  | Y        |           |
| JUMPUCK GLSi | ALL  | Y        |           |
| JUMPUCK GLi  | ALL  | Y        |           |
| SATRIA GTi   | ALL  | Y        |           |
| SATRIA XLs   | ALL  | Y        |           |
| SATRIA GLi   | ALL  | Y        |           |
| PERSONA      | ALL  | Y        |           |
| GEN 2        | ALL  | Y        |           |
| WIRA         | ALL  | Y        |           |
| SATRIA SPORT | ALL  | Y        |           |
| SAVVY        | ALL  | Y        |           |
| IMPIAN       | ALL  | Y        |           |



**RENAULT**

| VEHICLE             | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|---------------------|----------|-----------|-----------|-----------|-----------|-------------|
| MEGANE              | Y        | Y         |           | Y         | Y         | Y           |
| MEGANE SCENIC       | Y        | Y         |           | Y         | Y         | Y           |
| KANGOO II (2002 MY) | Y        | Y         |           | Y         | Y         | Y           |
| MEGANE II           | Y        | Y         |           | Y         | Y         | Y           |
| TRAFFIC II          | Y        | Y         |           | Y         | Y         | Y           |
| CLIO II             | Y        | Y         |           | Y         | Y         | Y           |
| LAGUNA II           | Y        | Y         |           | Y         | Y         | Y           |

**RENAULT (CAN BUS)**

| VEHICLE | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|----------|-----------|-----------|-----------|-----------|-------------|
| MODUS   | Y        | Y         | N         | Y         | Y         | Y           |

**ROVER / MG ROVER**

| VEHICLE    | SYSTEM  | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|------------|---------|----------|-----------|-----------|-----------|-----------|-------------|
| MINI       | 5AS     |          | Y         |           |           |           |             |
| 100        | 5AS     |          | Y         |           |           |           |             |
| 200        | 5AS     |          | Y         |           |           |           |             |
| 400        | 5AS     |          | Y         |           |           |           |             |
| MG-F       | 5AS     |          | Y         |           |           |           |             |
| 25         | 5AS     |          | Y         |           |           |           |             |
| 45         | 5AS     |          | Y         |           |           |           |             |
| MEMS 1.6   | EMS     |          |           | Y         | Y         | Y         | Y           |
| MEMS 1.9   | EMS     |          |           | Y         | Y         | Y         | Y           |
| MEMS 2J    | EMS     |          |           | Y         | Y         | Y         | Y           |
| MEMS 3     | EMS     |          |           | Y         | Y         | Y         | Y           |
| MG ZR      | PECTRON |          | Y         |           |           |           |             |
| MG ZS      | PECTRON |          | Y         |           |           |           |             |
| MG TF      | PECTRON |          | Y         |           |           |           |             |
| MG ZT      | EWS3    |          | Y         |           |           |           |             |
| MG POWER   | PECTRON |          | Y         |           |           |           |             |
| MG EXPRESS | PECTRON |          | Y         |           |           |           |             |



**SEAT**

| VEHICLE  | YEAR       | KEY PROG | PLIP PROG | ECU LEARN | *PIN CODE READ | LIVE DATA | ACTUATORS | FAULT CODES |
|----------|------------|----------|-----------|-----------|----------------|-----------|-----------|-------------|
| ALHAMBRA | ALL MODELS | Y        | Y         | Y         |                |           |           | Y           |
| AROSA    | ALL MODELS | Y        | Y         | Y         |                |           |           | Y           |
| CORDOBA  | ALL MODELS | Y        | Y         | Y         | >01MY          |           |           | Y           |
| IBIZA    | ALL MODELS | Y        | Y         | Y         |                |           |           | Y           |
| INCA     | ALL MODELS | Y        | Y         | Y         |                |           |           | Y           |
| LEON     | ALL MODELS | Y        | Y         | Y         |                |           |           | Y           |
| MARBELLA | ALL MODELS | Y        | Y         | Y         |                |           |           | Y           |
| TOLEDO   | ALL MODELS | Y        | Y         | Y         | >01MY          |           |           | Y           |

**SKODA**

| VEHICLE | YEAR | KEY PROG | PLIP PROG | ECU LEARN | *PIN CODE READ | ACTUATORS | FAULT CODES |
|---------|------|----------|-----------|-----------|----------------|-----------|-------------|
| OCTAVIA | ALL  | Y        | Y         | Y         | >01MY          |           | Y           |
| FABIA   | < 96 | Y        | Y         | Y         |                |           | Y           |
| FELICIA | > 96 | Y        | Y         | Y         |                |           | Y           |
| PICK-UP | ALL  | Y        | Y         | Y         |                |           | Y           |
| SUPERB  | ALL  | Y        | Y         | Y         |                |           | Y           |

**SUBARU USA**

| VEHICLE               | MODEL YEAR | KEY PROG | LIVE DATA | PIN CODE REQUIRED | SYSTEM   |
|-----------------------|------------|----------|-----------|-------------------|----------|
| FORESTER 2.5 XT       | ALL        | Y        |           | N                 | OBD ONLY |
| IMPREZA WRX—STI       | ALL        | Y        |           | N                 | OBD ONLY |
| LEGACY WAGON 2.5 GT   | ALL        | Y        |           | N                 | OBD ONLY |
| LEGACY SEDAN 2.5 GT   | ALL        | Y        |           | N                 | OBD ONLY |
| OUTBACK 2.5 XT & 3.0R | ALL        | Y        |           | N                 | OBD ONLY |
| TRIBECA               | ALL        | Y        |           | N                 | OBD ONLY |

\* = PIN CODE READING ON VDO DASHBOARDS ONLY



**SUBARU**

| VEHICLE              | MODEL YEAR | KEY PROG | LIVE DATA | PIN CODE REQUIRED | SYSTEM   |
|----------------------|------------|----------|-----------|-------------------|----------|
| BAJA SPORTS          | ALL        | Y        |           | N                 | OBD ONLY |
| BAJA TURBO           | ALL        |          |           |                   |          |
| FORESTER X, XT, XS   | 96-03 MY   | Y        |           | N                 | OBD ONLY |
| IMPREZA SEDAN        | 96-03 MY   | Y        |           | N                 | OBD ONLY |
| IMPREZA SPORTS WAGON | 96-03      | Y        |           | N                 | OBD ONLY |
| LEGACY WAGON         | 96-03 MY   | Y        |           | N                 | OBD ONLY |
| LEGACY SEDAN         | 96-03 MY   | Y        |           | N                 | OBD ONLY |
| OUTBACK              | ALL        | Y        |           | N                 | OBD ONLY |
| OUTBACK SPORT        | ALL        | Y        |           | N                 | OBD ONLY |
| OUTBACK WAGON        | ALL        | Y        |           | N                 | OBD ONLY |
| OUTBACK SEDAN        | ALL        | Y        |           | N                 | OBD ONLY |

**SUZUKI**

| VEHICLE            | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | PIN CODE REQUIRED | FAULT CODES |
|--------------------|----------|-----------|-----------|-----------|-------------------|-------------|
| WAGON-R            | Y        |           |           |           | N                 | Y           |
| VITARA             | Y        |           |           |           | N                 |             |
| GRAND VITARA       | Y        |           |           |           | N                 |             |
| ALTO               | Y        |           |           |           | N                 |             |
| SWIFT              | Y        |           |           |           | N                 |             |
| BALENO             | Y        |           |           |           | N                 |             |
| IGNIS              | Y        |           |           |           | N                 |             |
| LIANA              | Y        |           |           |           | N                 |             |
| CARRY 1.3          | Y        |           |           |           | N                 |             |
| X-90               | Y        |           |           |           | N                 |             |
| SAMURAI            | Y        |           |           |           | N                 |             |
| JIMNY              | Y        |           |           |           | N                 |             |
| GRAND VITARA(SQ)   | Y        |           |           |           | N                 |             |
| GRAND VITARA(XL-7) | Y        |           |           |           | N                 |             |



**TOYOTA (USA)**

| MODEL                     | YEAR | SYS-<br>TEM<br>TYPE | Reset<br>Immobi-<br>liser<br>System | Add or<br>Rewrite<br>Keys | Add or<br>Rewrite<br>Wireless | Live<br>Data<br>Feed | Read &<br>Clear<br>Faults |
|---------------------------|------|---------------------|-------------------------------------|---------------------------|-------------------------------|----------------------|---------------------------|
| 4Runner                   | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 2                   | Y                                   | Y                         | On Board                      | Yes                  | Y                         |
|                           | 2004 | 2                   | Y                                   | Y                         | On Board                      | Yes                  | Y                         |
| Camry                     | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 1 or 2              | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2004 | 2                   | Y                                   | Y                         | On Board                      | Yes                  | Y                         |
| High-<br>lander           | 2001 | 1                   | V6 Models                           | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2002 | 1                   | V6 Models                           | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 1                   | V6 Models                           | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| Land<br>Cruiser           | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
|                           | 2004 | 2                   | Y                                   | Y                         | Y                             | Yes                  | Y                         |
| MR2                       | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| Prius                     | 2004 | 2                   | Y                                   | On Board                  | On Board                      | Yes                  | Y                         |
| RAV4<br>(Rare in<br>U.S.) | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2004 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| Sequoia<br>(a)            | 2001 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2002 | 1                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |
| Sienna                    | 2004 | 2                   | Y                                   | Y                         | On Board                      | Yes                  | Y                         |
| Solara                    | 2002 | 1                   | V6 Models                           | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2003 | 1                   | V6 Models                           | On Board                  | On Board                      | n/a                  | Y                         |
|                           | 2004 | 2                   | Y                                   | On Board                  | On Board                      | n/a                  | Y                         |



**TOYOTA (AUS)**

| VEHICLE | YEAR | KEY PROG | PLIP PROG | ECU LEARN | LIVE DATA | ACTUATORS | FAULT CODES |
|---------|------|----------|-----------|-----------|-----------|-----------|-------------|
| LEXCEN  | ALL  | Y        | Y         |           | Y         | Y         | Y           |

**TOYOTA (European)**

| MODEL        | YEAR      | ENGINE CODE | SYSTEM TYPE | Reset Immobiliser System | Add or Rewrite Keys | Add or Rewrite Wireless | Read & Clear Faults |
|--------------|-----------|-------------|-------------|--------------------------|---------------------|-------------------------|---------------------|
| RAV4         | 2004      | 1AZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| COROLLA      | 2003      | 1AZ         | 1           | Y                        | On board            | On Board                | Y                   |
|              | 2004      | 1AZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| AVENSIS      | 2003      | 1AZ         | 1           | Y                        | On board            | On Board                | Y                   |
|              | 2004      | 1AZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| PREVIA       | 2003      | 1AZ         | 1           | Y                        | On Board            | On Board                | Y                   |
|              | 2004      | 1AZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| 4 RUNNER     | 2001      | 5VZ         | 2           | Y                        | Y                   | Y                       | Y                   |
| HIGHLANDER   | 2001 ON   | 2AZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| LAND CRUISER | 2001 ON   | 2UZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| SEQUOIA      | 2001 2002 | 2UZ         | 1           | Y                        | On Board            | On Board                | Y                   |
| CAMRY        | 2002 ON   | 1MZ 2AZ     | 1           | Y                        | On Board            | On Board                | Y                   |
| SOLARA       | 2002 ON   | 2AZ         | 1           | Y                        | On Board            | On Board                | Y                   |



**VW**

| VEHICLE     | YEAR       | KEY<br>PROG | PLIP<br>PROG | ECU<br>LEARN | *PIN CODE READ | FAULT<br>CODES |
|-------------|------------|-------------|--------------|--------------|----------------|----------------|
| BORA        | ALL MODELS | Y           | Y            | Y            | >04 MY PETROL  | Y              |
| CADDY       | ALL MODELS | Y           | Y            | Y            |                | Y              |
| GOLF        | ALL MODELS | Y           | Y            | Y            | >04 MY PETROL  | Y              |
| GOL         | ALL MODELS | Y           | Y            | Y            |                | Y              |
| JETTA       | ALL MODELS | Y           | Y            | Y            | >04 MY PETROL  | Y              |
| PASSAT      | ALL MODELS | Y           | Y            | Y            | >04 MY PETROL  | Y              |
| NEW BEETLE  | ALL MODELS | Y           | Y            | Y            | >04 MY PETROL  | Y              |
| POLO        | ALL MODELS | Y           | Y            | Y            |                | Y              |
| SHARAN      | ALL MODELS | Y           | Y            | Y            |                | Y              |
| LT VAN      | ALL MODELS | Y           | Y            | Y            |                | Y              |
| TRANSPORTER | ALL MODELS | Y           | Y            | Y            |                | Y              |
| VENTO       | ALL MODELS | Y           | Y            | Y            | > 04 MY PETROL | Y              |
| TOURAN      | ALL MODELS | Y           | Y            | Y            |                | Y              |
| LUPO        | ALL MODELS | Y           | Y            | Y            |                | Y              |
| PHAETON     | ALL MODELS | Y           | Y            | Y            |                | Y              |