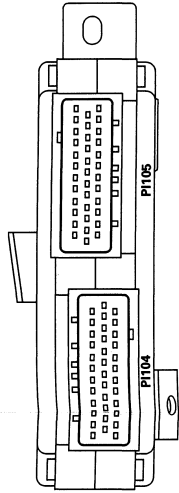


# Control Module Connector Pin Identification and Location

Control Module Connector Pin Identification and Location

Sedan Range 1996

ENGINE CONTROL MODULE - AJ16



P104 / 36-WAY / BLACK (AJ16 NA FEDERAL)

|    |     |     |     |     |    |    |     |    |    |    |    |
|----|-----|-----|-----|-----|----|----|-----|----|----|----|----|
| 12 | 11  | 10  | 9   | 8   | 7  | 6  | 5   | 4  | 3  | 2  | 1  |
| B  | LGP | LGU | LGO | LGS | GB | LK | LGR | UK | OY | BU | B  |
| 24 | 23  | 22  | 21  | 20  | 19 | 18 | 17  | 16 | 15 | 14 | 13 |
| B  | LW  | W   | RY  | LGB | KN | NP | KR  | OB | BS | BG | BR |
| 36 | 35  | 34  | 33  | 32  | 31 | 30 | 29  | 28 | 27 | 26 | 25 |
| B  | GR  | PG  | PW  | GN  | OG | UN | OG  | OR | BO | O  | BP |

P105 / 36-WAY / RED (AJ16 NA FEDERAL)

|    |     |    |     |    |    |    |    |    |    |    |    |
|----|-----|----|-----|----|----|----|----|----|----|----|----|
| 25 | 26  | 27 | 28  | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| SU | RU  | UP | KS  | BG | BN | W  | WK | NG | GB | UN |    |
| 13 | 14  | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| UY | RK  | U  | BLG | R  | N  | BW | R  |    |    |    |    |
| 1  | 2   | 3  | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 |
| UB | ULG | RN | GK  | RG | G  | BG | UP | U  | O  | UW | GY |

P104 / 36-WAY / BLACK (AJ16 NA ROW)

|    |     |     |     |     |    |    |     |    |    |    |    |
|----|-----|-----|-----|-----|----|----|-----|----|----|----|----|
| 12 | 11  | 10  | 9   | 8   | 7  | 6  | 5   | 4  | 3  | 2  | 1  |
| B  | LGP | LGU | LGO | LGS | GB | LK | LGR | UK | OY | BU | B  |
| 24 | 23  | 22  | 21  | 20  | 19 | 18 | 17  | 16 | 15 | 14 | 13 |
| B  | LW  | W   | RY  | LGB | KN | NP | KR  | OB | BS | BG | BR |
| 36 | 35  | 34  | 33  | 32  | 31 | 30 | 29  | 28 | 27 | 26 | 25 |
| B  | GR  | PG  | PW  | GN  | OG | UN | OG  | OR | BO | O  | BP |

P105 / 36-WAY / RED (AJ16 NA ROW)

|    |     |    |     |    |    |    |    |    |    |    |    |
|----|-----|----|-----|----|----|----|----|----|----|----|----|
| 25 | 26  | 27 | 28  | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| SU | RU  | UP | KS  | BG | BN | W  | WK | NG | GB | UN |    |
| 13 | 14  | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| UY | —   | U  | BLG | R  | —  | BW | R  | —  | —  | —  | —  |
| 1  | 2   | 3  | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 |
| UB | ULG | —  | GK  | —  | BG | UP | U  | O  | UW | GY |    |

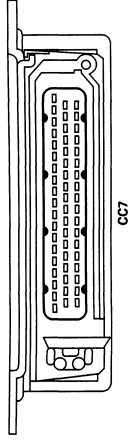
P104 / 36-WAY / BLACK (AJ16 SC)

|    |     |     |     |     |    |    |     |    |    |    |    |
|----|-----|-----|-----|-----|----|----|-----|----|----|----|----|
| 12 | 11  | 10  | 9   | 8   | 7  | 6  | 5   | 4  | 3  | 2  | 1  |
| B  | LGP | LGU | LGO | LGS | GB | LK | LGR | UK | OY | BU | B  |
| 24 | 23  | 22  | 21  | 20  | 19 | 18 | 17  | 16 | 15 | 14 | 13 |
| B  | LW  | W   | RY  | LGB | KN | NP | KR  | OB | BS | BG | BR |
| 36 | 35  | 34  | 33  | 32  | 31 | 30 | 29  | 28 | 27 | 26 | 25 |
| B  | GR  | PG  | PW  | GN  | OG | UN | OG  | OR | BO | O  | BP |

P105 / 36-WAY / RED (AJ16 SC)

|    |     |    |     |    |    |    |    |    |    |    |    |
|----|-----|----|-----|----|----|----|----|----|----|----|----|
| 25 | 26  | 27 | 28  | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| SU | RU  | UP | KS  | BG | BN | W  | WK | NG | GB | UN |    |
| 13 | 14  | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| UY | RK  | U  | BLG | R  | N  | BW | R  |    |    |    |    |
| 1  | 2   | 3  | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 |
| UB | ULG | RN | GK  | —  | G  | BG | UP | U  | O  | UW | GY |

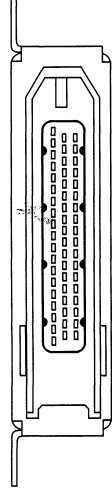
TRANSMISSION CONTROL MODULE - AJ16 NA



CC7 / 55-WAY / BLACK

|     |    |    |    |    |    |    |    |    |    |    |    |     |     |     |    |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|
| 1   | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13  | 14  | 15  | 16 | 17 | 18 | 19 |
| WS  | R  | PT | RW | YB | OG | B  | —  | —  | —  | —  | —  | LGP | K   | S   | —  | —  | —  | —  |
| 20  | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32  | 33  | 34  | 35 | 36 | 37 | —  |
| BRD | PW | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —   | SU  | LGM | —  | —  | —  | —  |
| 38  | 39 | 40 | —  | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  | 51  | 52  | 53 | 54 | 55 | —  |
| —   | —  | —  | —  | BS | YU | —  | BG | —  | YG | GN | —  | GU  | LGB | O   | —  | —  | —  | —  |

TRANSMISSION CONTROL MODULE - V12 AND AJ16 SC



CC48

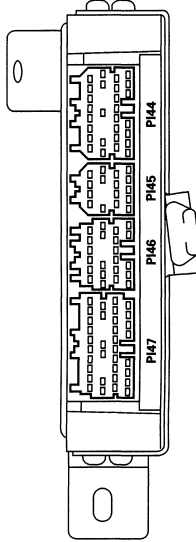
CC48 / 55-WAY / BLACK (AJ16 SC)

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| —  | —  | OK | OU | RW | P  | SU | —  | —  | —  | GN | PW | —  | BU | —  | K  | —  | —  | —  |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | —  |
| —  | —  | ON | RP | BS | PU | OY | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  |
| 38 | 39 | 40 | —  | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | —  |
| —  | —  | OR | S  | GU | OW | OP | —  | O  | —  | —  | OS | N  | R  | OB | WS | B  | NR | —  |

CC48 / 55-WAY / BLACK (V12)

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| —  | —  | OK | OU | RW | P  | SU | —  | —  | —  | GN | PW | —  | BU | —  | K  | —  | —  | —  |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | —  |
| —  | —  | ON | RP | BS | PU | OY | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  | —  |
| 38 | 39 | 40 | —  | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | —  |
| —  | —  | OR | S  | GU | OW | OP | —  | O  | —  | —  | OS | N  | R  | OB | WS | B  | NR | —  |

ENGINE CONTROL MODULE - V12



P147 / 34-WAY / SLATE

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 10 | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  |
| BU | BS | BN | BY | BG | BO | OR | OG | OY | OB |
| 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9  | 8  | 7  |
| B  | B  | B  | B  | B  | B  | B  | B  | B  | B  |
| 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |
| B  | —  | —  | —  | —  | —  | —  | —  | —  | —  |
| 34 | 33 | 32 | 31 | —  | —  | —  | —  | —  | —  |
| PG | PN | —  | —  | —  | —  | —  | —  | —  | —  |

P146 / 22-WAY / SLATE

|     |    |     |    |    |    |
|-----|----|-----|----|----|----|
| 6   | 5  | 4   | 3  | 2  | 1  |
| PAU | PS | PR  | PO | —  | —  |
| 11  | 10 | 9   | 8  | 7  | 6  |
| B   | B  | —   | —  | —  | —  |
| 17  | 16 | 15  | 14 | 13 | 12 |
| GB  | RY | —   | R  | G  | O  |
| 22  | 21 | 20  | —  | —  | —  |
| B   | SG | SLG | —  | —  | —  |

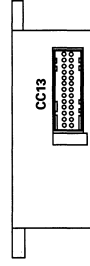
P145 / 16-WAY / SLATE

|    |     |    |    |
|----|-----|----|----|
| 4  | 3   | 2  | 1  |
| GY | OY  | RW | RG |
| 7  | 6   | 5  | 4  |
| UN | ULG | —  | —  |
| 11 | 10  | 9  | 8  |
| R  | G   | U  | N  |
| 16 | 15  | 14 | 13 |
| BG | BP  | B  | PB |

P144 / 28-WAY / SLATE

|    |     |    |    |    |     |    |    |
|----|-----|----|----|----|-----|----|----|
| 8  | 7   | 6  | 5  | 4  | 3   | 2  | 1  |
| SB | SU  | UG | GN | PW | LGB | KR |    |
| 13 | 12  | 11 | 10 | 9  | 8   | 7  | 6  |
| UN | ULG | —  | —  | —  | —   | —  | —  |
| 21 | 20  | 19 | 18 | 17 | 16  | 15 | 14 |
| BW | —   | —  | —  | —  | —   | —  | —  |
| 28 | 27  | 26 | 25 | 24 | 23  | 22 | 21 |
| B  | —   | —  | —  | —  | —   | —  | —  |

DECODER MODULE



CC13

CC13 / 26-WAY / BLUE

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| SR | SP | —  | —  | —  | —  | B  | B  | —  | —  | —  | —  | —  |
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| SW | SU | SG | SY | —  | —  | —  | —  | —  | —  | —  | —  | —  |