30-Jan-2024 Rev 1e

H2 2005 SUV
MAIN CHASSIS

TWIN COMPRESSOR
AIR SUSPENSION UNIT

AS Relay = P/N 15319851

BLACK — GND
DARK GREEN — COMPRESSOR+

Peak current 24A

C450 / C450A

H2 Wiring Harness
P/No 12052613
F Metripack 480 Series
Female Pins Black

AS Unit Chassis
P/No 12065863
M Metripack 480 Series
Male Pins Black

TWIN ONLY
COMP-RIGHT
Black + Female Pins
3.2A @ 12V 0.8R

COMP-LEFT
Black + Female Pins
2.5A @ 12V 1.4R

Both Connectors
P/No 344080-1
4-Way F Econoseal 3
High Current

OVER_TEMP_L
Closed When Cool (OK)
OVER_TEMP_R

AIR SUSPENSION MODULE
GM 10363984
00131A-EP-02

P/No 12129225
24-Way F Micro-Pack 100 Series Grey
Sealed Female Connector (Delphi) (Female Pins)

C1

3M 3N 3E 3D 3H 3L 2E 2C 3F 3J 3R 3S
13 14 15 16 17 18 19 20 21 22 23 24*
1 2 3 4 5 6 7 8 9* 10 11 12
3P 3O 3A 3C 3B 3G 2D 2B 3W 3J 3K 1B

* = Twin Compressor Only

INLET_VALVE_LR CONTROL
PS LOW REF

! Except Early Prod SUV (CLASS2 SERIAL)
INLET_LOW_REF
AS RELAY GND TWIN ONLY

+5V_REF
SENSOR_SIG 2.25mA

Automatic Level Control Solenoid
Pressure Sensor P/No = E320020137 43304 96762E
TWIN = GM 890660584 / 19333035
P/No 9800426
4-Way F
Schlemmer DIN
Sealed (Green)
Black (Female Pins)

PS1
NC
Pressure Transducer

INLET_VALVES LR+RR
P/No 344270-1
4-Way F AMP 070
Series Sealed
Black (Female Pins)
LR
RR
1.3A@12V
8.1R Cold
8.1R Hot
INLET_VALVE_RR CONTROL

EXHAUST VALVE
P/No 344270-3
4-Way F AMP 070
Series
Sealed Blue
(Female Pins)
20.3Ω Cold
21.1Ω Hot
0.56A@12V
EXHAUST CONTROL

TANK = GM 88982408

LIGHT BLUE	RIDE_HEIGHT_SW	RIDE_HEIGHT_SW
WHITE	RIDE_HEIGHT_LAMP	RIDE_HEIGHT_LAMP
LIGHT GREEN	INFLATOR_LOW_REF	INFLATOR_LOW_REF
ORANGE	INFLATOR_LAMP	INFLATOR_LAMP
PURPLE	INFLATOR_SW	INFLATOR_SW
BROWN	IGN3	IGN3
ORANGE	BATT+	BATT+

H2 Wiring Harness
P/No 15326084
16-Way F GT 150 280 Sealed
Female Connector (Female Pins)

C451

1B 3F 3H 3D 2C 3E 3G
A B C D E F G H
S R P N M L K J
3C 2D 3B 3A 3S 3M 3J

AS Unit Chassis
P/No 15326085 Black
16-Way M GT 150 280 Sealed
Male Connector (Male Pins)

C451A

3G 3E 2C 3D 3H 3F 1B
H G F E D C B A
J K L M N P R S
3J 3M 3S 3A 3B 2D 3C

BROWN	AS_SENSOR_RR	AS_SENSOR_RR
PURPLE	AS_SENSOR_LOW_REF	AS_SENSOR_LOW_REF
BROWN	AS_SENSOR_LR	AS_SENSOR_LR
GREY	+5V_REF	+5V_REF
YELLOW	AS_RELAY GND	AS_RELAY GND
GREY	AS_RELAY_CTRL	AS_RELAY_CTRL
DARK BLUE/WHITE	CLASS2_SERIAL	CLASS2_SERIAL

All unit wiring is Yellow Unless Otherwise Indicated

G402

HummerFixes

NOTES FOR SINGLE COMPRESSOR UNITS (ZM6)

1, Air Suspension Module Pin 9 (Over Temp Right) & Pin 24 (AS Relay GND) are not used.
2, The Compressor connector is a 3-Way F Metri-Pack 680 Series Sealed (BK) P/No 12124685 or the mating part to this.
Pin A = Compressor +
Pin B = Over Temp signal
Pin C = Chassis GND G405
3, The 2 Inlet Valves, Exhaust Valve and AS Relay share Ground and use ASM Pin 23 (current monitor)
4, The Air Suspension Module is P/No 15205558

Twin Compressor Unit Only