Instruction Manuals

Air Ride Controllers for all ARC-7 & ARC-T7 Models
GVS

AIR RIDE CONTROLLERS
(FOR ALL ARC-7 AND ARC-T7 MODELS)

SWITCH CONFIGURATION

1-LEFT FRONT UP/DOWN
2-FRONT (LEFT & RIGHT) UP/DOWN
3-RIGHT FRONT UP/DOWN
4-ALL UP/DOWN
5-LEFT REAR UP/DOWN
6-REAR (LEFT & RIGHT) UP/DOWN
7-RIGHT REAR UP/DOWN

WIRING:

PINK = +INPUT (FUSE @ 5A)  GREY = SEE INSTRUCTIONS
WHITE = FRONT LEFT UP       GREEN = REAR LEFT UP
YELLOW = FRONT LEFT DN      BLUE = REAR LEFT DN
ORANGE = FRONT RIGHT UP     PURPLE = REAR RIGHT UP
RED = FRONT RIGHT DN        BROWN = REAR RIGHT DN

WARNING!!! INSTALLING WITH NO FUSE OR LARGER THAN A 5-AMP FUSE WILL DAMAGE YOUR CONTROLLER AND VOID YOUR WARRANTY!

GREY WIRE CONNECTION:
(REMOTE DUMP)

CONNECTION OF THIS WIRE WILL ENABLE YOU TO CONNECT YOUR CONTROLLER TO AN ALARM OR REMOTE SYSTEM, SENDING YOUR CAR/TRUCK TO THE PAVEMENT AT THE TOUCH OF A BUTTON!

IF YOU DON’T HAVE EXPERIENCE WITH ALARM INSTALLATIONS, WE STRONGLY RECOMMEND THAT A PROFESSIONAL AIR SUSPENSION SHOP OR STEREO SHOP PERFORM THIS PROCEDURE!

NOTE: THE OUTPUT FROM YOUR ALARM OR REMOTE MODULE MUST HAVE A 1-3 SECOND PULSE OUTPUT, NOT A CONSTANT OR LATCHED OUTPUT, AS THIS WOULD EVENTUALLY BURN UP YOUR SOLENOIDS!!!

USING AN ALARM WITH A (+)POSITIVE PULSE OUTPUT

USING AN ALARM WITH A (-)NEGATIVE PULSE OUTPUT

A MOSFET STYLE RELAY IS NEEDED TO CONVERT THE NEGATIVE OUTPUT TO A POSITIVE OUTPUT.

ALARM OR OTHER REMOTE SYSTEM

GREY WIRE FROM CONTROLLER

ALARM OR OTHER REMOTE SYSTEM

GREY WIRE FROM CONTROLLER

(+ TRIGGER OUTPUT ACTIVATED BY REMOTE

(-) TRIGGER OUTPUT ACTIVATED BY REMOTE