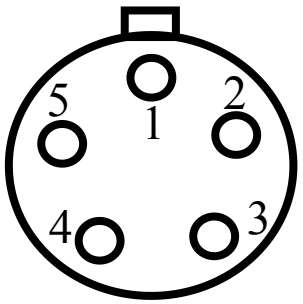
AVS FITTING INSTRUCTIONS

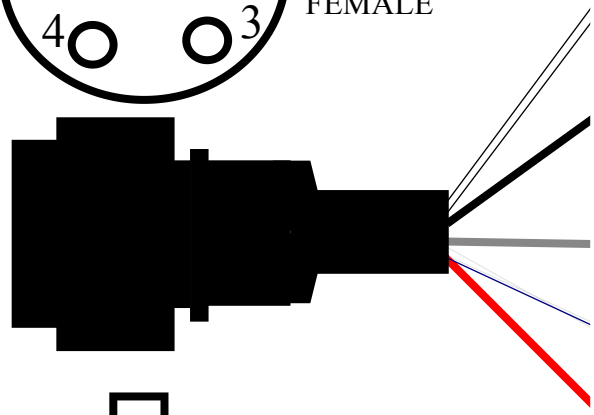
TITLE	**Using Test Lead L019**		
STEP TYPE	KE, EE, LE	Last Updated	22/6/06
		Revision no:	3

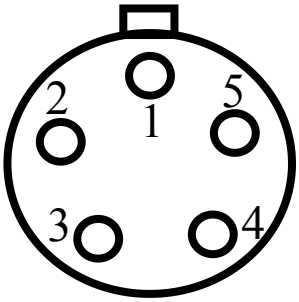
AVS Step Test Lead L019

K TYPE KE600BZ
T TYPE TE600BZ



VIEW OF PLUG
FROM BODY
FEMALE





VIEW OF PINS
FROM STEP (MALE)

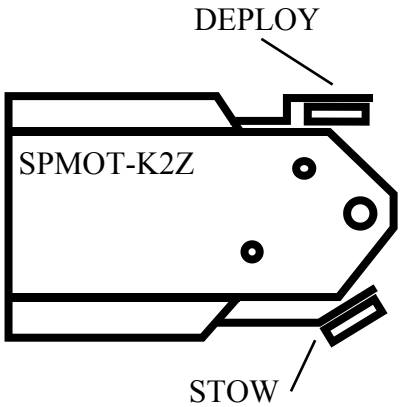
1 White

3 Black

12 v dc:

Black +ve
White -ve
DEPLOY

Black -ve
White +ve
STOW



5 Grey (STOW)

4 Grey/white (DEPLOY)

2 Red COMMON

TAKE CARE NOT TO DAMAGE MICRO SWITCHES WHEN USING THE TEST LEAD.

EMERGENCY OPERATION OF STEP

NOTE: If motor arm has been released from underside of step tread it may be necessary to power motor in slightly to re-attach arm.

APPLY POSITIVE 12V TO PIN **3**
APPLY NEGATIVE 12V TO PIN **1** } Step Deploys

APPLY POSITIVE 12V TO PIN **1**
APPLY NEGATIVE 12V TO PIN **3** } Step Stows

Test circuit on micro-switch leads Stow - Normally closed Deploy - Normally closed	Step deployed	Step half out/in	Step stowed	If Test Fails, the switch below has a fault.
Red / Grey	circuit	circuit	No circuit	STOW
Red / Grey/white	No circuit	circuit	circuit	DEPLOY

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Europe's Largest Step Specialist

AVS Step Test Lead L019

K TYPE KE600BZ
T TYPE TE600BZ

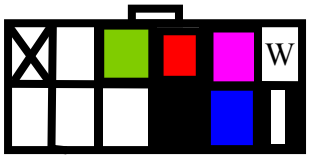
This lead allows the motor to be powered in and out. Simply remove the vehicle loom plug and plug in this fly lead. BE CAREFUL POWERING STEP IN AND OUT, THE MICRO SWITCHES CAN BE DAMAGED.

By checking for a circuit across each of the above connections the micro switch are also checked.

However in order to test the micro switches are operating when the vehicle loom is attached the step needs to be powered USING THE VEHICLE LOOM, this is then disconnected and the test across each lead carried out. This should be done in deploy and stow position.

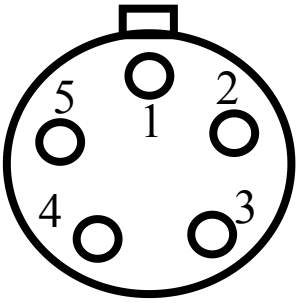
If any of the tests above do not match the expected result contact AVS for further information.

23/4/04



X = Earth lead entry point from cable entry side of body loom plug into control box. Black

The EARTH must be attached for the control box to function at all.



CABLE ENTRY VIEW
BODY LOOM PLUG

1 = White = Motor
2 = Red = M/switch common
(On some there are 2 red wires, on later version only 1)
3 = Black = Motor
4 = Blue = Deploy switch
5 = Yellow = Stow switch