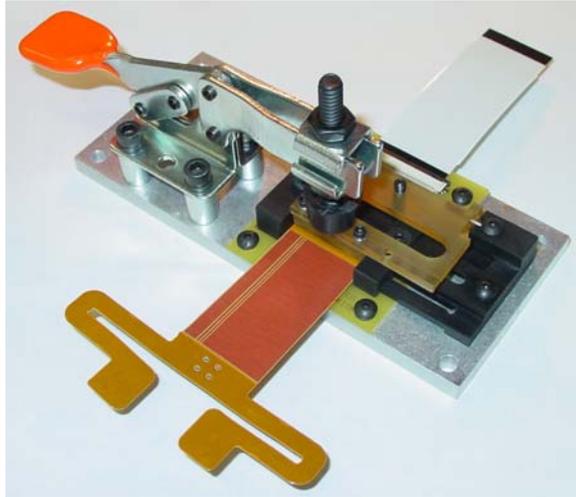


Set-up Procedure
Test Fixture, Flat Flex Cable
02064-0001-000



Summary

Installation

This Z-Axis test fixture is setup at the factory and it is ready for use. Simply connect the fixture to the test equipment with a user supplied FFC jumper of the desired length. The fixture can be mounted to a work surface as required.

Operation

Lift the actuator slightly to allow the Device Under Test (DUT) to be inserted into the Nest. Insert the DUT into the nest and lower the actuator. After completion of the test, lift the actuator to release the DUT.

Set-up

The following steps summarize the set-up of the unit for proper alignment of the Device Under Test (DUT) and the fixture PCB. Refer to Figures 1 and 2.

1. Remove the old Z-Axis Elastomeric Connector element.
2. Use a DUT to adjust the moving wall to the width of the DUT.
3. Adjust the PCB position so the PCB contacts are aligned with a DUT (contacts up). Tighten all mounting screws in the proper order.
4. Remove the DUT and insert a new Z-Axis Elastomeric Connector element.

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Set-up

This test fixture is set-up at the factory and it should not require adjustment.

1. Raise the Actuator and lift the Pressure Foot.
2. Use tweezers to remove the old Z-Axis Elastomeric Connector element. Discard the old connector element.
3. Place a Device Under Test (DUT) on the Nest and move the Adjustable Wall so there is minimal clearance between the DUT and both walls. Tighten S1 and recheck the DUT clearance. [Figure 1]

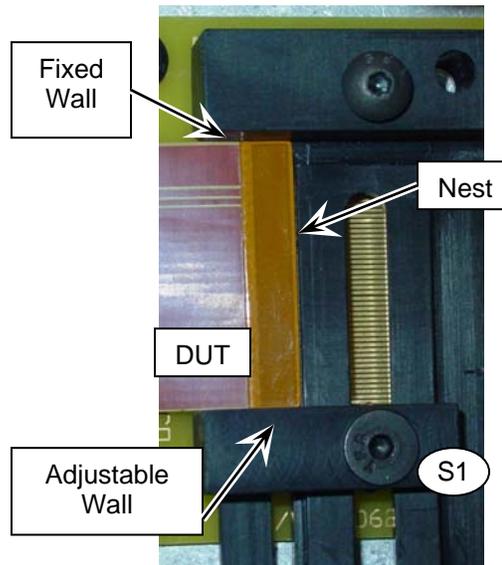
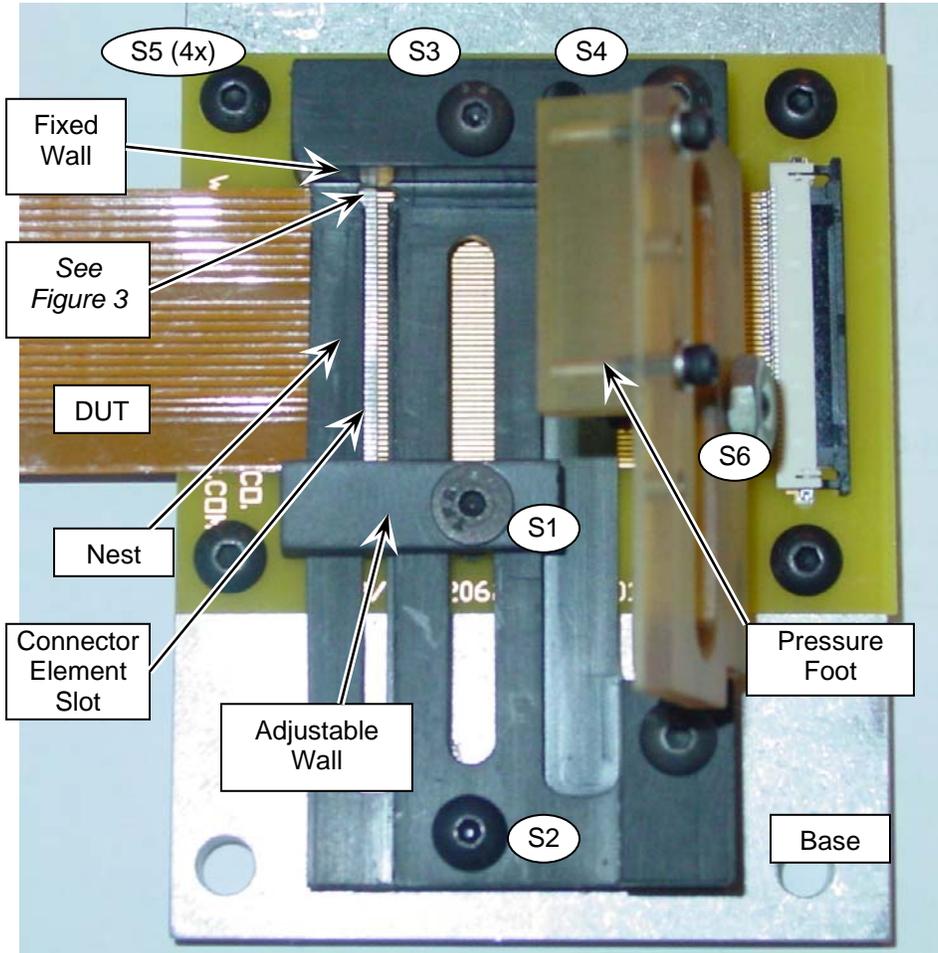


Figure 1

4. Loosen screws S3, S4 and S5 (4 places). [Figure2]
5. Insert a DUT (contacts up) between the PCB and the nest so that both the DUT contacts and the PCB contacts are visible in the connector element slot.
6. Keep the DUT against the Fixed Wall and adjust the PCB position so that the DUT contacts align with the PCB contacts. See Figures 3 & 4 for proper alignment.
7. Tighten S3, S4 and S5 (4 places) in order.
8. Recheck the contact alignment keeping the DUT against the Fixed Wall.

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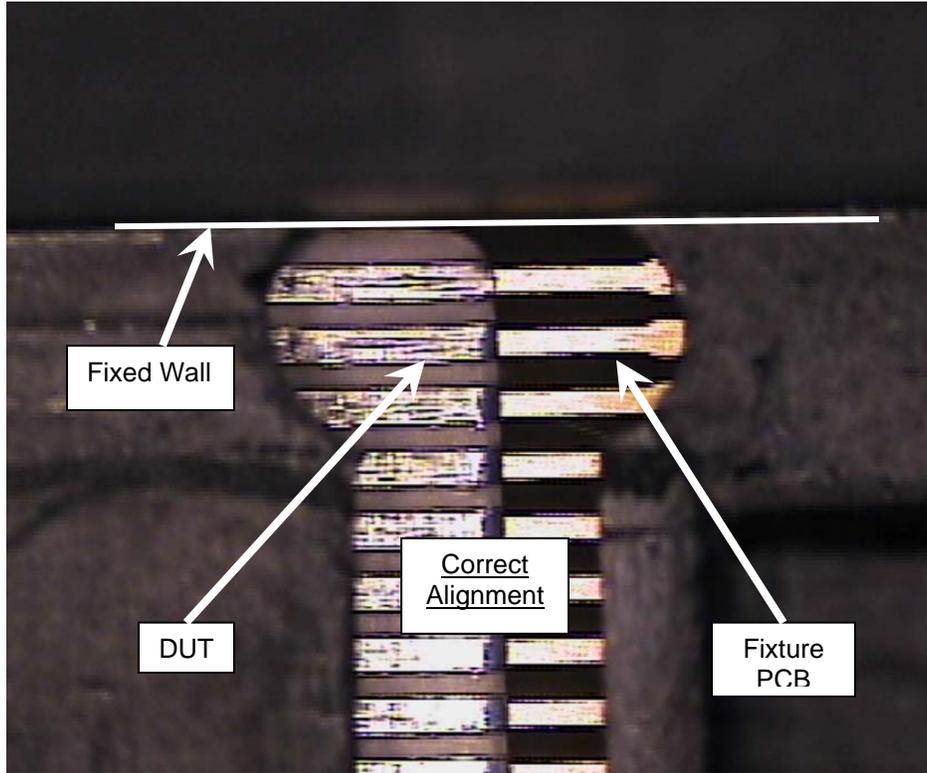


Figure 3

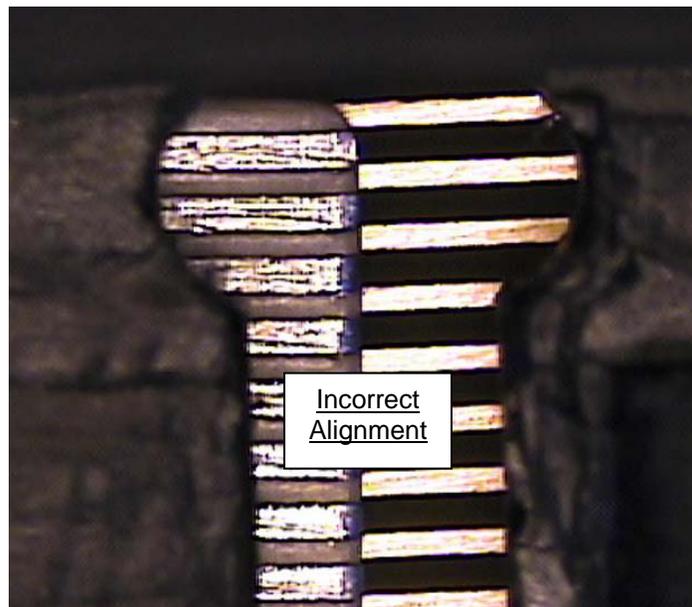


Figure 4

9. Remove the DUT.

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10. Lower the Pressure Foot.
11. If necessary, adjust the height between the Nest and the Pressure Foot so the bottom of the Pressure Foot is just below the top of the back wall of the Nest. To do so, loosen the lock nut and adjust S6. Then re-tighten the lock nut. [Figure 5]

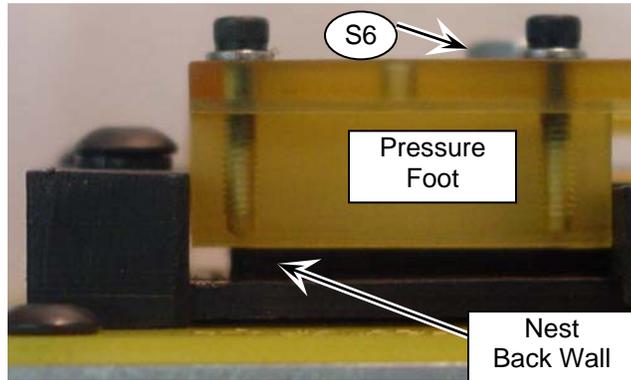


Figure 5

12. Insert a new Z-Axis Elastomeric Connector element into the element slot with the foam side facing the FFC connector and the gold wire side facing the nest. [Figure 6]

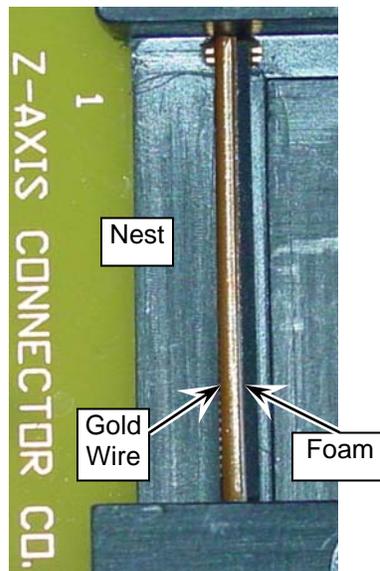


Figure 6

13. Lower the Pressure Foot and the Actuator.

Set-up is now complete.

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Operation

1. Lift the actuator slightly to allow the Device Under Test (DUT) to be inserted into the Nest.
2. Insert the DUT into in the nest and lower the actuator. [Figure 7]

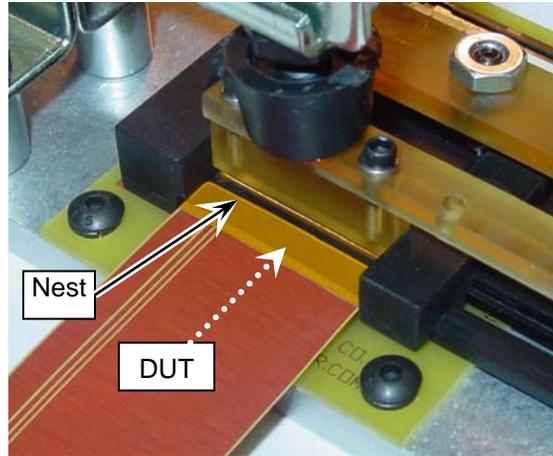


Figure 7

3. After completion of the test, lift the actuator to release the DUT.