

Keysight 16034G/H Test Fixture

Notices

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Manual Part Number

16034-90100

Edition

Edition 5, January 2019

Printed in Malaysia

Published by:

Keysight Technologies International
Japan G.K,
1-3-3 Higashikawasaki-cho
Chuo-ku
Kobe-shi, Hyogo, Japan

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CAUTION

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1 Service

This chapter provides information on servicing and proper maintenance.

Serial Number for Non-RoHS 16034G/H:
“MY44100001 – MY44199999”

Serial Number for RoHS 16034G/H:
“MY44200001 – MY44299999”

Maintenance

An exploded view of the 16034G/H for parts identification is shown in **Figure 1-1** and **Figure 1-2**. Do not disassemble any further than shown. Maintenance consists principally of cleaning contacts and replacing worn or damaged parts. Take special care when cleaning contacts.

To order parts, use the Keysight part numbers listed in **Table 1-1** and **Table 1-2**. If a faulty part is located in an assembly that cannot be disassembled, order the next higher assembly or return the fixture to the nearest Keysight Technologies Sales/Service Office for repair or replacement.

Shown are the supported parts and their respective RoHS compliant replacement support part. RoHS conversion involves with design and dimension change which result in the RoHS support part backward incompatible with non-RoHS 16034G/H. Special handling is needed while using the RoHS replacement part on non-RoHS 16034G/H. The original support part number is replaced by the respective “RoHS Compliant Replacement Part”. Once the original support part is depleted, please proceed to obtain the RoHS compliant support part.

NOTE

For RoHS Compliant Upper Level Assembly Replacement Part, if multiple parts are replaced by a common higher assembly part, only order ONE part of the higher level common assembly.

Replaceable Parts

Figure 1-1 Replaceable Parts (part 1 of 2)

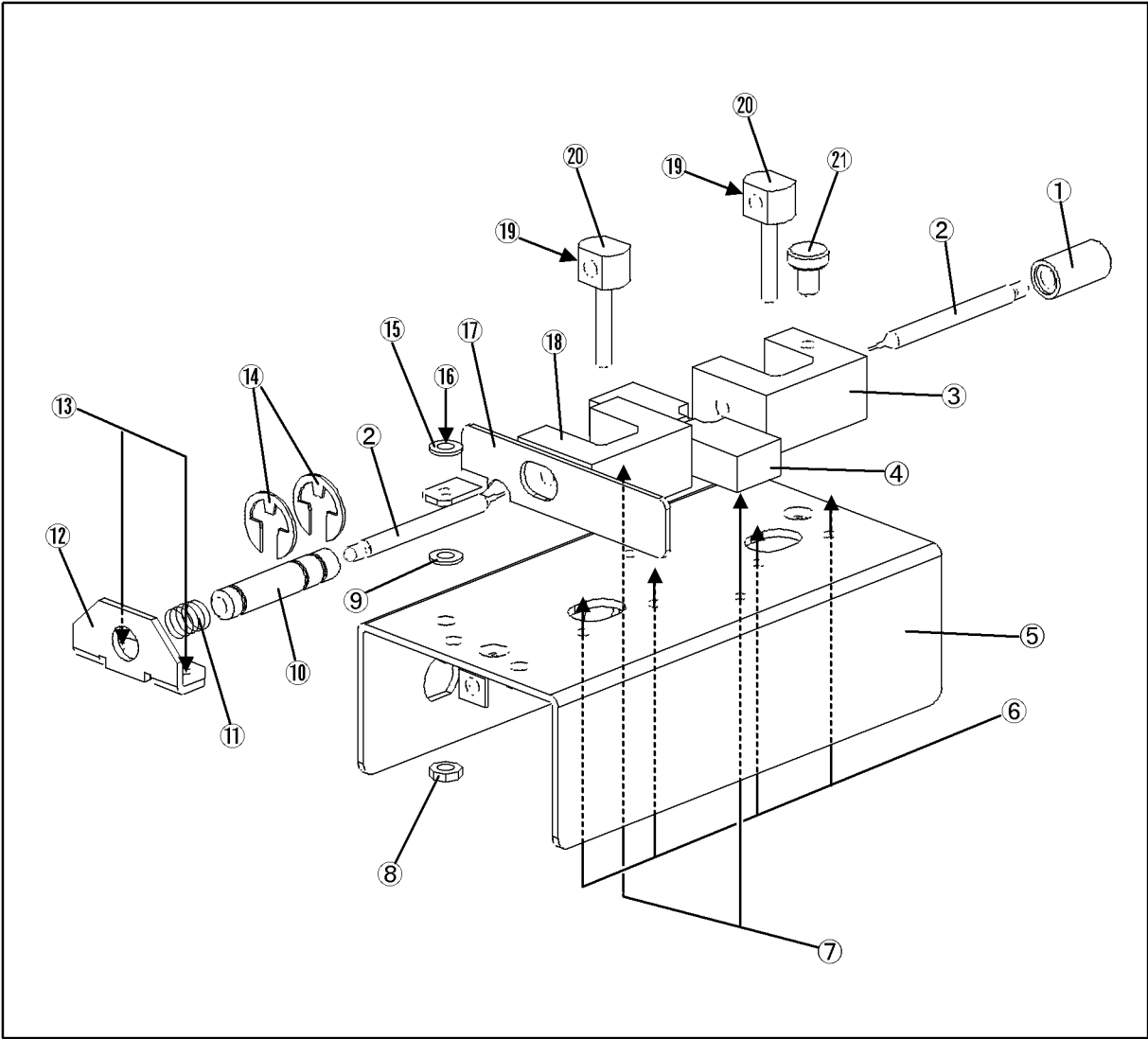


Table 1-1

Replaceable Parts (part 1 of 2)

Ref /D	Non-RoHS Part No.	Description	Qty	RoHS Compliant Replacement Part	Description	Qty
1	16034-25013	KNOB	1	16034-25013	KNOB	1
2	16034-24011 (16034-24051)	ELECTRODE (16034G)	2	16034-24651	ELECTRODE (16034G)	2
	16034-24011 (16034-24061)	ELECTRODE (16034H)	2	16034-24661	ELECTRODE (16034H)	2
3	16034-25011	BLOCK	1	^a Set change: 16034-25614 (16034G)	BLOCK (16034G)	1
				^b Set change: 16034-25621 (16034H)	BLOCK (16034H)	1
4	16034-25014	BLOCK (16034G)	1	^a Set change: 16034-25614 (16034G)	BLOCK (16034G)	1
	16034-25021	BLOCK (16034H)	1	^b Set change: 16034-25621 (16034H)	BLOCK (16034H)	1
5	16034-04011	COVER TOP (16034G)	1	16034-04611	COVER TOP (16034G)	1
	16034-04011 (16034-04021)	COVER TOP (16034H)	1	16034-04621	COVER TOP (16034H)	1
6	0515-1550	SCREW	4	0515-0372	SCREW	4
7	0515-1550	SCREW	2	0515-0372	SCREW	2
8	0535-0031	NUT-HEX W/LOCKER	1	0535-0031	NUT-HEX W/LOCKER	1
9	3050-1139	WASHER	1	3050-1139	WASHER	1
10	16034-25015	KNOB	1	16034-25015	KNOB	1
11	16034-08001	SPRING	1	16034-08001	SPRING	1
12	16034-01211	BRACKET	1	16034-01211	BRACKET	1
13	0515-1550	SCREW	2	0515-0372	SCREW	2

Table 1-1

Replaceable Parts (part 1 of 2)

Ref /D	Non-RoHS Part No.	Description	Qty	RoHS Compliant Replacement Part	Description	Qty
14	0510-0083	RETAINER	2	0510-0083	RETAINER	2
15	3050-0891	WASHER	1	3050-0891	WASHER	1
16	0515-0920	SCREW	1	0515-1141	SCREW	1
17	16034-05011	LEVER	1	16034-05011	LEVER	1
18	16034-25012	BLOCK	1	^a Set change: 16034-25614 (16034G)	BLOCK (16034G)	1
				^b Set change: 16034-25621 (16034H)	BLOCK (16034H)	1
19	3030-0007	SCREW	2	3030-0007	SCREW	2
20	16034-24012	PLUG	2	16034-24012	PLUG	2
21	16034-24014	SCREW	1	16034-24014	SCREW	1

- a. Replace all the associated parts marked with ^a as they are mutually dependent
b. Replace all the associated parts marked with ^b as they are mutually dependent

Figure 1-2 Replaceable Parts (part 2 of 2)

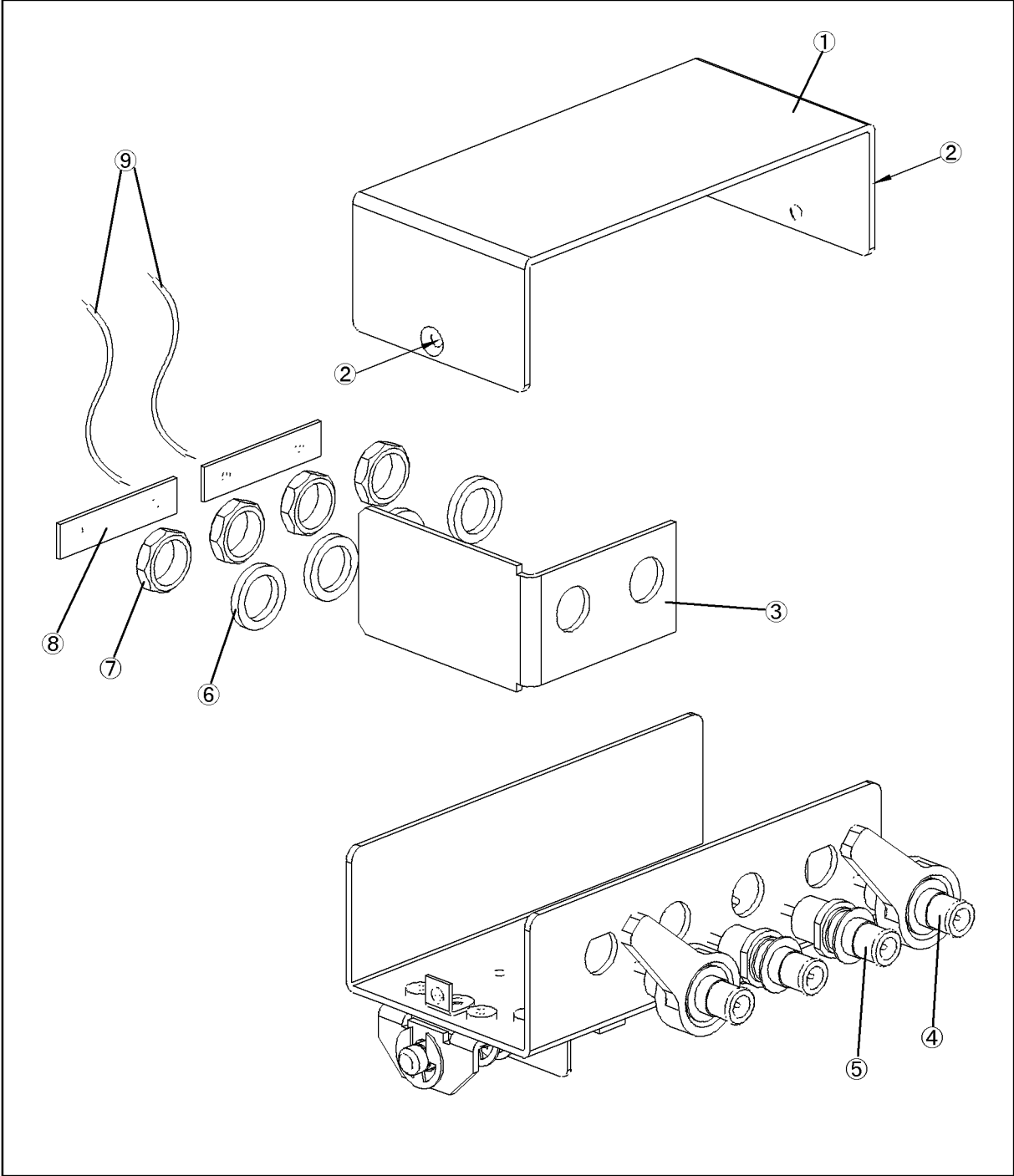


Table 1-2

Replaceable Parts (part 2 of 2)

Ref /D	Non-RoHS Part No.	Description	Qty	RoHS Compliant Replacement Part	Description	Qty
1	16034-04012	COVER BOTTOM	1	16034-04612 (Texture change)	COVER BOTTOM	1
2	0515-0914	SCREW	2	0515-1946	SCREW	2
3	16034-00601 (16034-01212)	PLATE-SHIELD	1	16034-01212	PLATE-SHIELD	1
4	16012-7122	BNC-ASSY	2	5012-8617 (Level color change)	BNC-ASSY	2
5	1250-1798 (16047-60016)	CONNECTOR -BNC	2	5012-8628	CONNECTOR -BNC	2
6	2190-0016	WASHER	4	2190-0016	WASHER	4
7	2950-0043	NUT-HEX-DBL-CHAM	4	2950-0043	NUT-HEX-DBL-CHAM	4
8	16047-00617	PLATE	2	16034-00617 (Do not mix non-RoHS with RoHS part. Replace both plates with RoHS part if one of the non-RoHS plate is defective.	PLATE	2
9	16034-68021	JUMPER WIRE (2 ea.)	1	16034-68021	JUMPER WIRE (2 ea.)	1

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Edition 5, January 2019



16034-90100
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