# GEMID

Diamond Fingerprint Solution
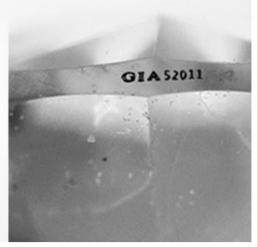
# In the News

**IDEX** | Diamond Trading & Prices ⊙ | News & Magazi

## Newsroom Full Article

### GIA Uncovers Three Fake Diamonds with Fraudulent Inscriptions

February 10, 21 by John Jeffay

**BUSINESS**

# Jewelry giant accused of swapping real stones for fakes

By Lisa Fickenscher

June 4, 2016 | 2:33am

GIA 52011

...entified three cases of synthetic moissanite being

**Quora** | Q Search for questions, people, and topics

...g to pass off simulants as genuine diamonds.

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...e first of three cases a colorless 1.02-ct round
...E-color natural diamond of the same weight that
...a font used by the GIA.

Diamond Rings | Engagement Rings | Rings | Diamonds | Jewelry | Crime

...ic and gemological analysis, according to the

## Jewelry: How can I tell if a jeweller has swapped the precious stone?

...anite it found two further stones, also with

...rtly redacted)

**Sambhav Karnawat**, Founder @ Jewelove.in | Platinum Jeweller | IIT Kanpur 2012

Answered 7 years ago · Author has **667** answers and **1.6M** answer views

Originally Answered: How can I tell if a jeweller has swapped the precious stone?

# Context

- Background
- Pain
- Solutions
- Why GemiD
- GemiD Operation

# Background

Diamond is precious and valuable products, Polished Diamonds traceability is always been a big question and common pain in the entire pipeline.

◦Manufacturer wants security for switching of diamonds during boiling & grading

◦Traders wants to make sure its same diamonds returned back from client's memo

◦Jewelry manufacturer wants security from switching diamonds during process

◦Retailer needs to assure clients about exact same diamonds during repair process

◦Retailer wants a efficient & cost effective solution to handle buy-back program

◦How Consumer will get identity of ownership if incase of lost or stolen diamonds.

# Solution - Manufacturer

Manufacturer wants security for switching of diamonds during boiling & grading

◦**Solution** :If you are manufacturer of 0.10cts and bigger size and follow single packet system then you will have Sarine galaxy or IG print with estimated polished outcome in terms of color, clarity and weight so there is a less chance of switching the stones in manufacturing process.

◦the main issue is during boiling and grading but we scan each diamonds through GEMiD after cut and polished and before boiling then we can be assured that diamonds will not switch during boiling and grading/assortment.

◦Second scan to match the data can be done before shipping to sales office(s) or at the time of received at the sales office(s)

◦He same file can be pass on to traders/Jewelry mfg/retailer so that they no need to rescan or wants to know traceability is intact.

# Solution - Traders

<u>Traders wants to make sure its same diamonds returned back from client's memo</u>

○**Solution** : If you are trader and dealing with memo then there are 2 ways to deal with

○1$^{st}$ : scan diamonds in GEMiD before giving out memo to any clients and check again once it returned back in parts or full of the parcels.

○2$^{nd}$ : if your entire intact are pre-scanned then check only at the time of return of the goods. It will save time.

# Solution - Jewelry Manufacturer

## JM wants security from switching diamonds during process

○**Solution** : JM solution is very similar to Traders, there are 2 ways to deal with

○1st : scan diamonds in GEMiD before giving out memo to any clients and check again once it returned back in parts or full of the parcels.

○2nd : if your entire intact are pre-scanned then check only at the time of Shiping out of finished jewelry.

# Solution - Retailer

<u>Retailers wants solutions for repair/buy-back and insurance program</u>

There are multiple events of possible switching of the diamonds during repairs recorded, it's a big risk of consumer confidence and overall brand reputation.

◦**Solution** : If retailers are getting diamonds and jewelry pre-scanned then just need to re-validate before it get stack-in to the store(s).

◦Sales will be recorded during the standard sales into the retailers ERP system.

◦Any client come back for repair/returned of the jewelry then any of the store associate can immediately check by scanning jewelry into GEMiD and retrieve data from ERP without being send to QC department. It can be handle in any of the store if retailers have multiple stores. Before hand over a repaired jewelry pc, again GEMiD will match diamonds and make sure exact same diamond.

◦It Saves lots of time, cost and effort.

# Solution - Retailer

If consumer lost the jewelry or it get stolen, consumer can lodge complain with GemiD number which would be printed on Invoice. If its found back by police department then GEMiD help them to identify owners.

◦It Saves lots of time, cost and effort.

◦Pre-scanned jewelry might reduce insurance cost.

# Why GEMiD

◦ Cost effective – Cost only US $5,000

◦ Highly efficient highly accurate

◦ Avg. Scan time 10 second

◦ Scans all size greater then 0.10cts

◦ Scan all shapes

◦ Scans diamonds mounted jewelry

◦ Capability to Connect multiple stores of a brand

◦ Capability to Connect with members of any buying group

◦ Easy to operate

# Why GEMiD

Because DNA don't lie.

$4,999.00
- **Shape no bar :** Now scan not just round but all fancy shape diamonds
- **Diamond Journey :** Register DNA while its a loose diamond and recognize even after it is studded
- **Super fast** Operation time up to 10 seconds
- **Timeless security** Ensure no one switches your unique diamond even after decades
- **Compatible** Compatible with all existing ERP systems
- **No Duplicates** Deep duplicate feature eliminates duplicate entry in the database
- **Cloud** Access your precious database from anywhere in the world

# Thank you.



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