



**EARTHQUAKE  
BRACE+BOLT**  
Funds To Strengthen Your Foundation®

## Homeowners Can Receive Up to \$3,000 Toward an Earthquake Retrofit

**Earthquake Brace + Bolt (EBB)** helps homeowners lessen the potential for damage during an earthquake. EBB offers up to \$3,000 toward a code-compliant seismic retrofit for houses that qualify.

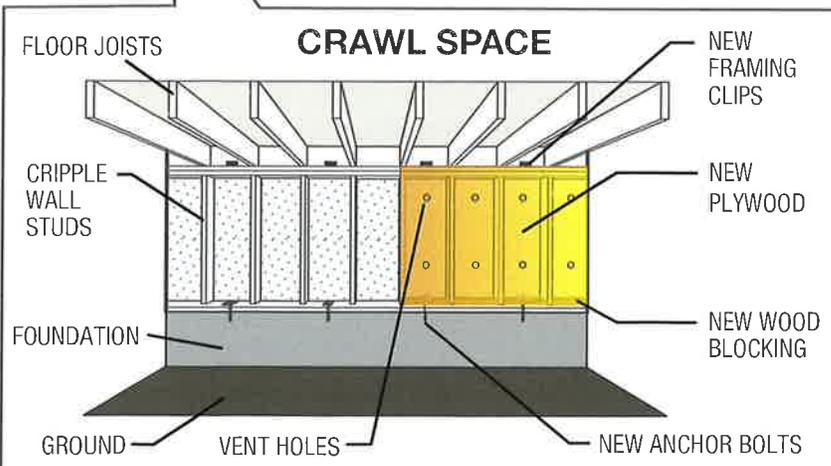
### Homes That Qualify for EBB Typically:

- Are built before 1979 (but are more prevalent before 1940);
- Have a raised continuous perimeter concrete foundation;
- Sit on level ground or a low-slope; and,
- Have wood-framed walls (called cripple walls) in the crawl space under the first floor.

### A Brace and Bolt Retrofit

In an EBB retrofit, the cripple wall is strengthened with bracing and bolting or only bolting depending on the house foundation.

- **Bolting:** adding anchor bolts in the crawl space to help prevent the home from sliding.
- **Bracing:** adding plywood to the cripple walls to stiffen them and help prevent the home from collapsing.



## Developed by the California Earthquake Authority and the California Governor's Office of Emergency Services

EBB is a **state-supported** program that offers homeowners funding for a specific code-compliant seismic retrofit to ensure the work is done right. Historically, retrofits were often incomplete and not based on a uniform best-practice building code.

The consequences of an improper retrofit can be devastating. The crawl space may still be vulnerable to collapse possibly causing the home to slide off its foundation.



Image provided by FEMA

To ensure proper retrofits, EBB offers free FEMA training to California licensed contractors across the state. Once they take the FEMA training, contractors are added to the EBB Contractor Directory. Many homeowners choose their contractor from the EBB directory at [EarthquakeBraceBolt.com](http://EarthquakeBraceBolt.com).

## 2018 Program ZIP Codes

(New ZIP Codes for 2018 in bold)

### Northern CA

**Albany** 94706  
**Berkeley** 94702, 94703, 94704, 94705, 94707, 94708, 94709, 94710  
**Burlingame/Hillsborough** 94010  
**Daly City/Colma** 94014, 94015  
**El Cerrito** 94530  
**Emeryville** 94608  
**Eureka** 95501, 95503  
**Hayward** 94541, 94542, 94544, 94545  
**Los Gatos** **95030, 95032, 95033**  
**Millbrae** 94030  
**Napa** **94558, 94559**  
**Oakland** 94601, 94602, 94603, 94605, 94606, 94607, 94609, 94612, 94618, 94619, 94621  
**Piedmont** 94610, 94611  
**Redwood City** 94061, 94062, 94063, 94065  
**San Bruno** 94066  
**San Carlos** **94070**  
**San Francisco** 94102, 94103, 94107, 94108, 94109, 94110, 94112, 94114, 94115, 94116, 94117, 94118, 94121, 94122, 94123, 94124, 94127, 94131, 94132, 94133, 94134  
**San Leandro** 94577, 94578, 94579  
**San Lorenzo** 94580  
**San Mateo** 94401, 94402, 94403, 94404  
**Watsonville** 95076  
**Woodside** 94061, 94062

**Note: Eligibility is solely based on ZIP Code, not the city or neighborhood.**

### Southern CA

**Alhambra** 91801, 91803  
**Altadena** 91001  
**Claremont** 91711  
**Colton** **92324**  
**Fillmore** **93015**  
**Glendale** **91201, 91202, 91203, 91204, 91205, 91206, 91207, 91208, 91210**  
**Granada Hills** **91344**  
**La Crescenta** **91214**  
**La Verne** **91750**  
**Los Angeles** 90004, 90005, 90006, 90011, 90012, 90014, 90015, 90016, 90017, 90018, 90019, 90020, 90021, 90022, 90023, 90024, **90025**, 90026, 90027, 90028, 90029, 90031, 90032, 90033, 90035, 90036, **90037**, 90038, 90039, 90041, 90042, **90043**, 90046, 90048, 90049, 90057, 90063, 90064, 90065, 90068, 91601, 91604  
**Mission Hills** **91345**  
**Monrovia** **91016**  
**Pasadena** 91101, 91103, 91104, 91105, 91106, 91107  
**Redlands** 92346, 92354, 92359, 92373, 92374  
**San Bernardino** 92401, 92404, 92405, 92407, 92408, 92410, 92411, 92415  
**San Fernando** **91340, 91344, 91345**  
**San Gabriel** **91775, 91776**  
**San Marino** 91108  
**Santa Barbara/Montecito** 93101, 93103, **93105, 93108, 93109, 93110, 93111, 93117**  
**Santa Monica** 90401, 90402, 90403, 90404, 90405  
**Santa Paula** **93060**  
**Sierra Madre** **91024**  
**South Pasadena** 91030  
**Sun Valley** **91352**  
**Valley Village** **91607**  
**West Hollywood** 90046, 90048, 90069

### Visit EarthquakeBraceBolt.com to:

- Review video and pictures of EBB retrofits;
- See answers to frequently asked questions;
- Learn about EBB program details;
- Get a complete list of 2018 EBB ZIP Codes; and,
- Read what EBB customers are saying about the program.

### Registration

Online registration will open again in January 2018. To participate homeowners must:

- Own a home in a designated ZIP Code;
- Create an online account and register; and,
- Confirm eligibility by answering questions about the home.

### Contractors: Are You Listed in the EBB Directory?

More than 95 percent of EBB retrofits are done by contractors listed in the EBB Contractor Directory. Here's why you should participate:

- To grow your business;
- There are no fees to join;
- Free FEMA online seismic training; and,
- Access to free marketing materials.

### Earthquake Brace + Bolt

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**EarthquakeBraceBolt.com**



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

The California Residential Mitigation Program (CRMP) is a joint-exercise-of-powers entity formed by its members, the California Earthquake Authority (CEA), and the California Governor's Office of Emergency Services (Cal OES). CRMP is a legally separate entity from its members.