



**RAMJACK**

# CASE STUDY

TN201702

## Ram Jack Repairs Inferior Foundation Solution

Ram Jack Permanently Repairs 30-year-old Foundation Problem.



### INSTALLATION OVERVIEW

Get more info on the ins-and-outs of Ram Jack products used.

**RAM JACK TENNESSEE**

[www.ramjacktn.com](http://www.ramjacktn.com) | 888-264-3121  
Milan, Tennessee

**10**  
HELICAL  
PILES  
INSTALLED!



## 30-year-old Foundation Repaired

Buchanan, Tennessee

Acquiring a home that has been in the family can be a pleasant experience that evokes good memories and sentimental thoughts of the previous homeowner. Unfortunately, older homes sometimes come with their own problems as one Tennessee couple soon learned.

### PROBLEM

A family home repaired 30 years ago by inferior methods began showing signs of foundation settlement—again. The bricks were both cracking and bowing away from the house. Previously, contractors thought that by removing the bowing bricks and pouring additional concrete on the footers would solve the problem. This method proved to be a temporary solution.

### PROPOSED SOLUTION

Ram Jack Tennessee performed a thorough evaluation of the property; the house had settled in some areas by as much as two inches. Consequently, some degree of structural damage occurred to the outer brick walls in various locations around the house. Ram Jack proposed 10 helical piles should be installed around the footing in an effort to recover the home's foundation.



### OUTCOME

Ram Jack Tennessee achieved complete recovery and was able to roll the bricks back into their original locations. The cracks in the brick walls were eliminated. The entire project was completed in a day and a half. The owners, Mr. and Mrs. McNutt, stated that they were very pleased with the entire project, the employees were professional and courteous, and everything was explained in detail before the project began. The owners chose Ram Jack because of their extensive knowledge of foundation repair solutions.

**DON'T DO IT TWICE.  
DO IT RIGHT.**



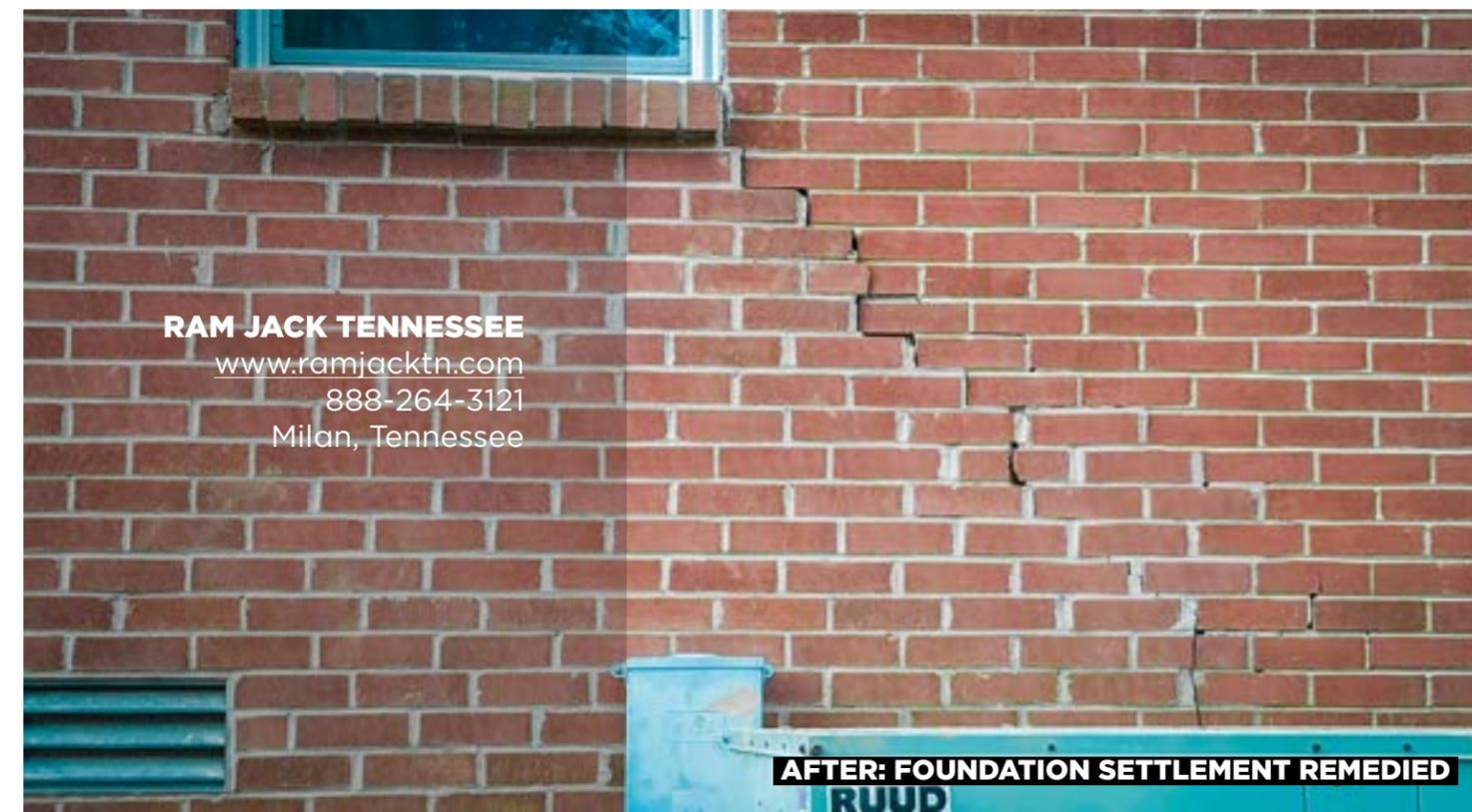
### INSTALLATION OVERVIEW

**Residential Installation**  
Ram Jack Tennessee

**Products Used**  
2 7/8" Helical Piles

**Product Type**  
Remedial - Helical

**Typical Applications**  
Ram Jack's helical lead sections can be used in either tension or compression



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**AFTER: FOUNDATION SETTLEMENT REMEDIED**

# Custom Engineered Solutions Rooted in Quality.



CCMC RECOGNIZED

ISO  
9001:2015  
CERTIFIED



ICC-ES RECOGNIZED

At Ram Jack®, we are focused on providing custom-engineered solutions that meet the unique needs of our commercial clients. You can move forward with confidence knowing we maintain code compliance, providing piles and brackets that reach the highest rating among competitors' products recognized by ESR-1854. Our company has the most products recognized by the ICC and boast an ISO 9001:2015 certified manufacturing facility.

We have the facility to design and fabricate custom products—we are the one-stop solution for engineers and even offer our own in-house engineers for assistance with your project. If you need assistance with foundation designs, we also provide engineer tools and resources and our engineers can work with the project's EOR to develop a custom-designed solution.

## Everything an Engineer Needs

The Ram Jack Technical Manual provides engineers with the information that you will need to understand, design, and specify Ram Jack's helical and driven piles. It also provides information verifying compliance with current building codes and ICC-approved acceptance criteria.

Everything an engineer could ever want and need to know about Ram Jack Helicals and Driven Piles in one book. If you or your firm would be interested in a Ram Jack Technical Manual, please contact your local Ram Jack dealer by emailing [info@ramjack.com](mailto:info@ramjack.com).

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