



INSTALLATION GUIDE

ROADQUAKE® TPRS BREAKAWAY LINK REPLACEMENT KIT



**INSTALL
THIS SIDE
DOWN**

**ESTE
LADO
HACIA
ABAJO**

Call 800.662.6338 to talk to a Service Representative.

Hours:

8 AM to 5 PM (E.T.)
Monday through Friday

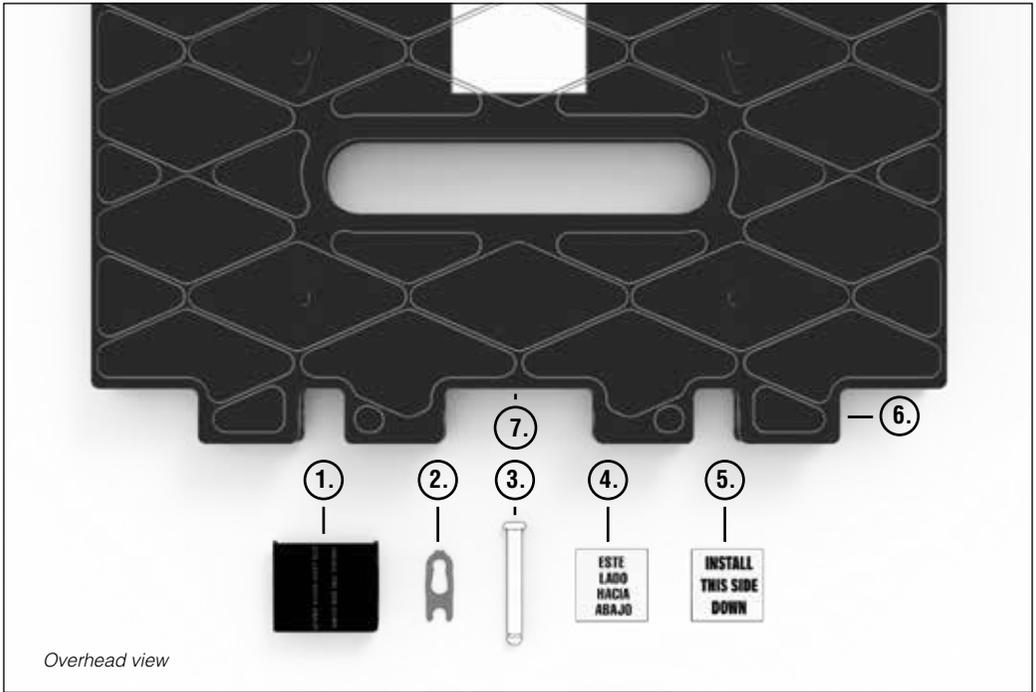


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Innovations for Safety®

COMPONENTS AND INTRODUCTION



Overhead view

BREAKAWAY CONNECTION COMPONENTS

Part Name	Individual Kit Quantity	Bulk Kit Quantity
1. Bracket	4	50
2. Locking Clip	4	50
3. Breakaway Nylon Pin	8	100
4. “This Side Down” Sticker (Spanish)	1	13
5. “This Side Down” Sticker (English)	1	13
6. RoadQuake TPRS Tab	N/A	N/A
7. RoadQuake TPRS	N/A	N/A

TOOLS REQUIRED

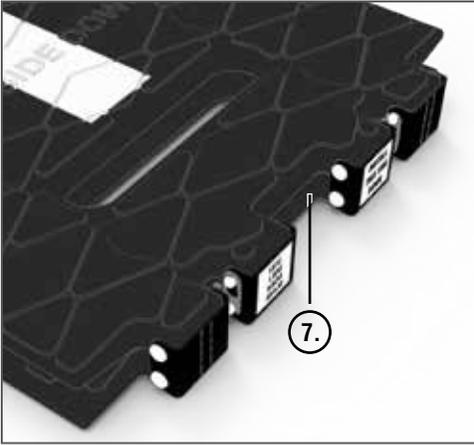
Needle Nose Pliers (A) are the only tools required.

INTRODUCTION

RoadQuake 2F (RQ2F) was designed as two halves that fold in the center, connected by linked tabs. To avoid tearing these tabs, PSS engineered the tab pins from impact-modified nylon, and a custom steel retaining clip. The Breakaway Pin Connection is designed to separate under significant stress, reducing the likelihood of damage to RQ2F tabs.

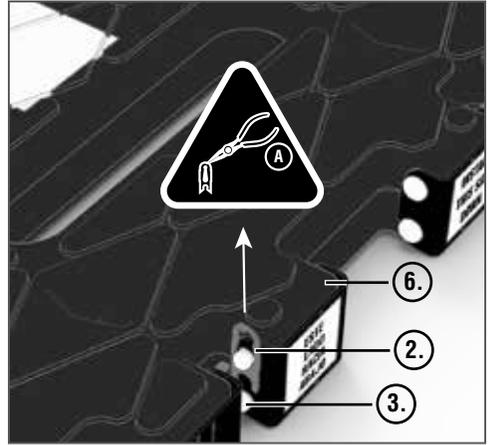
RQ2F strips receive a complimentary Breakaway Pin replacement kit. PSS recommends that customers purchase additional replacement kits to use, as needed, should there be a separation event.

REMOVAL OF DAMAGED BREAKAWAY NYLON PINS



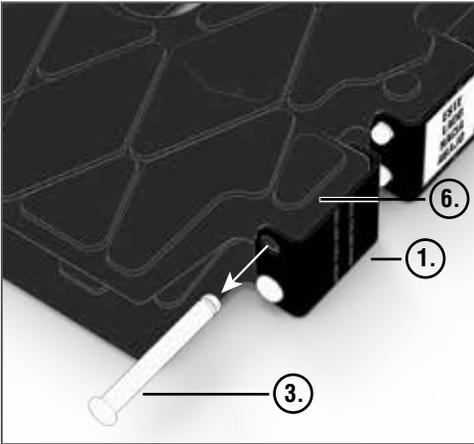
STEP 1

Place your **RoadQuake TPRS (#7)** on a table or any other large, elevated, flat surface to allow yourself maximum space and ease of access. Be sure your **RoadQuake TPRS (#10)** is folded and you have complete access to the hinge.



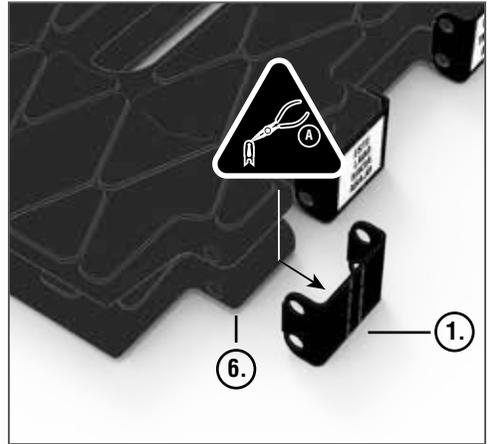
STEP 2

Take the **Needle Nose Pliers (A)** and grab the top tab of the **Locking Clips (#2)**. Pull the top of the tab until it releases from the **Breakaway Nylon Pins (#3)**. Repeat on the other three **Locking Clips (#2)** on the **RoadQuake TPRS Tabs (#6)**.



STEP 3

Push the round side of the **Breakaway Nylon Pins (#3)**. Pull other, flat side out from the TPRS tab and the **Bracket (#1)**. Pull all other **Breakaway Nylon Pins (#3)** out from each set of **RoadQuake TPRS Tabs (#6)**.

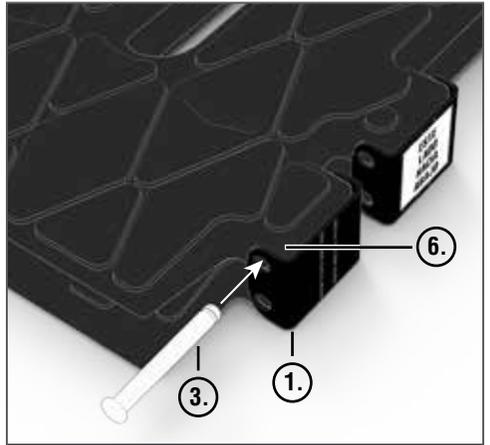
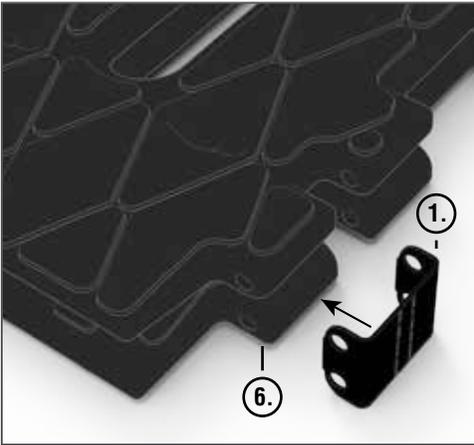


STEP 4

Take the **Needle Nose Pliers (A)** and grab the **Bracket (#1)** and pull it off. Check the **Bracket (#1)** for wear. If the **Bracket (#1)** shows bending or heavy wear, replace with a new **Bracket (#1)**. Check the **RoadQuake TPRS Tabs (#6)** integrity for rips. If there are rips on the **RoadQuake TPRS Tabs (#6)**, rotate that TPRS section around to the unused side.



ASSEMBLY OF ROADQUAKE® TPRS HINGE SECTION

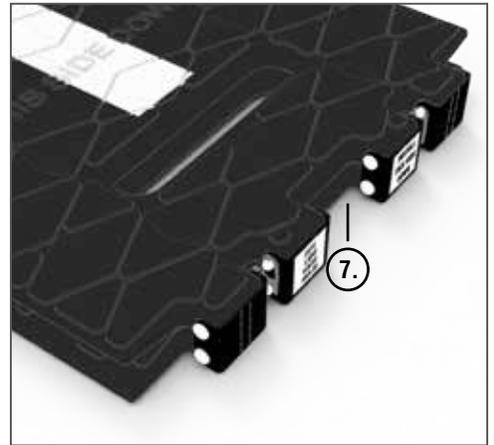
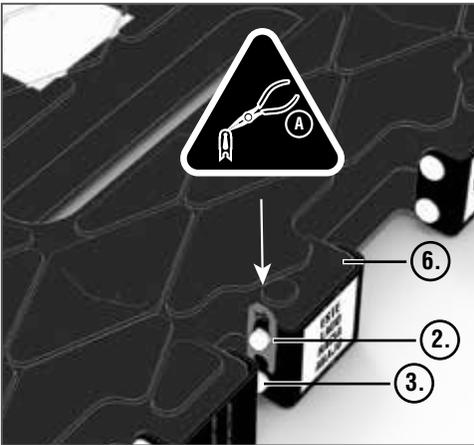


STEP 1

Add the **Safety Stickers (Spanish/English)** (#4 & 5) to two of the **Brackets** (#1). Take the new **Bracket** (#1) and place it on the TPRS Tab. Make sure the holes on the **Bracket** (#1) match up with the holes on the **RoadQuake TPRS Tabs** (#6). Repeat for the other three sets of **RoadQuake TPRS Tabs** (#6).

STEP 2

Push the flat side of the **Breakaway Nylon Pins** (#3) through the hole on the **Bracket** (#1) and the **RoadQuake TPRS Tabs** (#6). Repeat for the other three sets of **RoadQuake TPRS Tabs** (#6).



STEP 3

Take the **Needle Nose Pliers** (A) and grab the top tab of the **Locking Clips** (#2). Push the top of the tab until it clicks into place around the **Breakaway Nylon Pins** (#3). Repeat for the other three sets of **RoadQuake TPRS Tabs** (#6).

STEP 4

Unfold your **RoadQuake TPRS** (#7). Your **RoadQuake TPRS** (#7) should be flat. If the hinge is not flat, refold, and remove all parts and reassemble.

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