



February 28, 2014

ATS Firewall Bracket



Installation Instructions

The following instructions are intended for professional installers and are guidelines only. Speedtech Performance assumes NO responsibility for the installation of any of its products. All products are intended for off road use only and must be installed by qualified professionals only

Thank you for purchasing your new Clutch Master Cylinder Bracket Kit. Installation of this kit requires some grinding and TIG welding. Take all necessary safety precautions whenever working on your vehicle.

Clutch Master Cylinder Bracket Kit Checklist

- Installation Instructions (1)
- Firewall Bracket (1)
- 5/16 x 1/2" bolts (2)
- Adjustable push rod conversion assembly (1)

Pushrod modification for GM master Cylinder

LT applications- Master Assembly 12559912

LS applications- Master Assembly 12570277

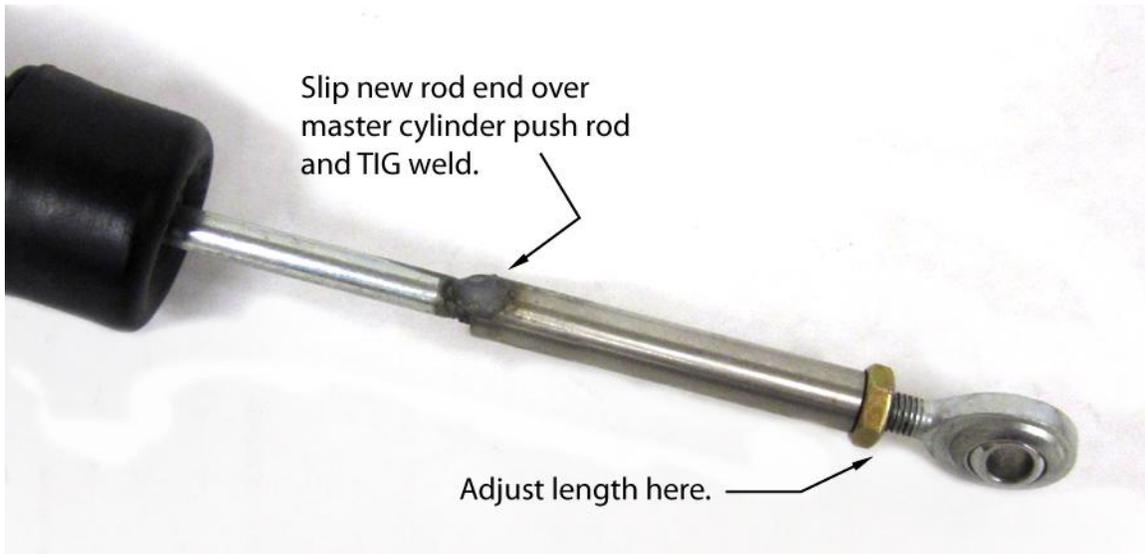
The push rod on the GM master cylinder is too long and needs to be shortened. Supplied with this kit is a new sleeve with heim joint and mounting bolt.

Remove the crimped on factory rod end. We suggest using a die grinder or cut off wheel to score the rod end portion lengthwise until you are able to remove it from the push rod shaft. Be careful not to cut into the master cylinder push rod shaft.

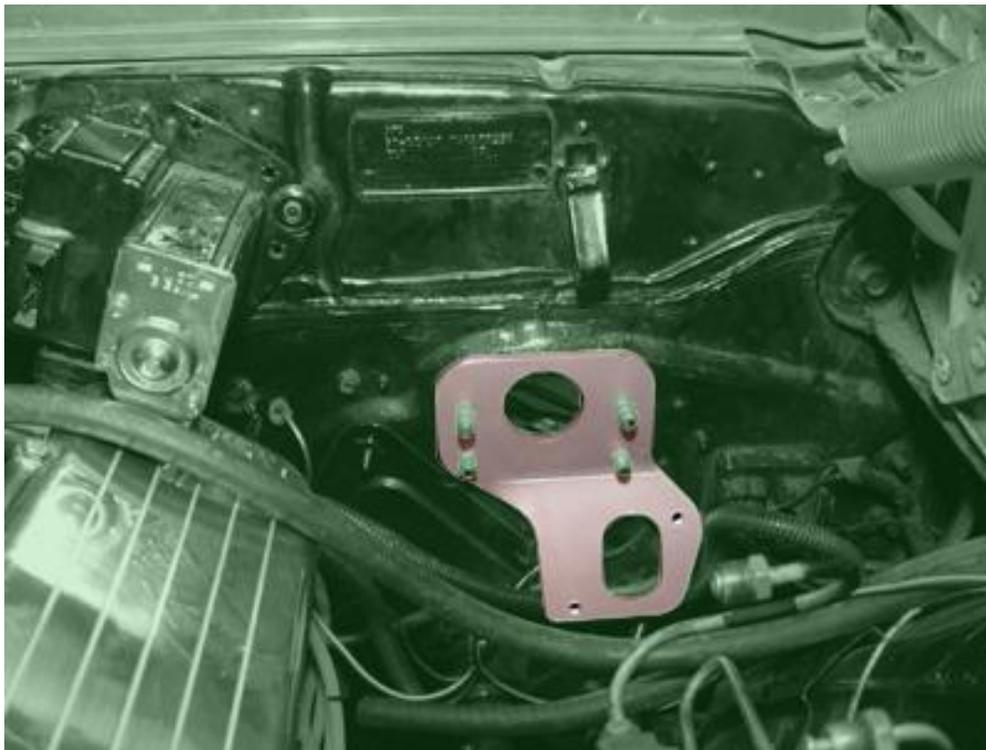
Grind pinch area until
rod end can be removed.

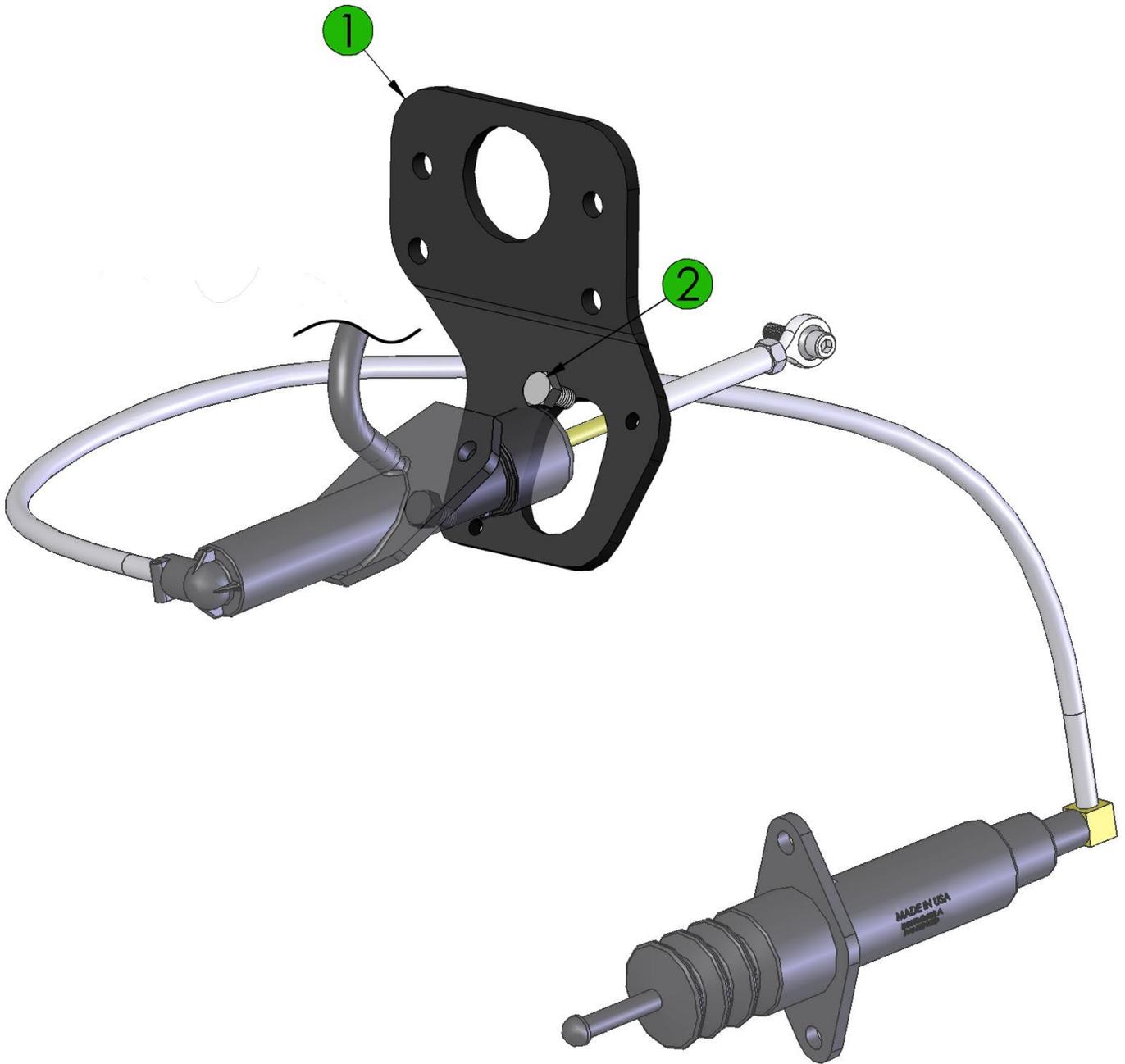


Once the factory rod end is removed, slide the ATS supplied pushrod end onto the shaft until it bottoms out. Crimp and/or TIG weld the assembly together.



2. Unbolt and carefully move your brake master cylinder and power booster away from the firewall. Depending on the application, removing brake lines may not be necessary. However, you must keep the assembly supported and be careful not to kink or excessively bend any brake lines. Slip the Clutch Master Bracket over the original mounting studs. Bolt the clutch master cylinder to the bracket using the supplied 5/16" bolts. Now reinstall your brake booster/ master cylinder.



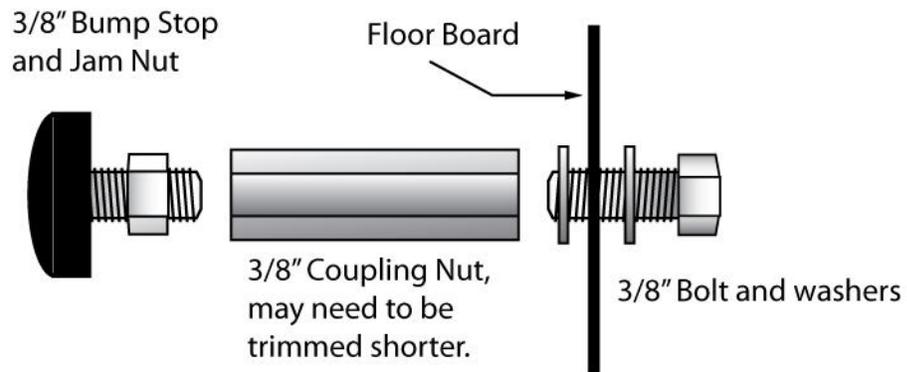


1. Clutch Master Cylinder Bracket
2. 5/16" Mounting bolt

3. If the clutch pushrod enters the cylinder on an angle the cylinder will be damaged and leak. To prevent this you will need to modify your factory pedal to place the pivot in the right location. From the pedal pivot, measure down $2 \frac{3}{8}$ " and over $\frac{3}{8}$ " to drill a $\frac{1}{4}$ " hole. Shown is a 1st gen Camaro pedal. This location may vary slightly depending on application, mock up the assembly in the car first to be sure you have the pivot in the right location before modifying the pedal.



3. We recommend an adjustable clutch pedal stop be installed on the floor of the car to stop the pedal from bottoming out the clutch master cylinder. This is necessary to avoid bending the shaft. A simple 3/8" coupling nut bolted or welded to the floor will allow you to adjust a bump stop or bolt and jam nut to achieve the proper pedal travel.



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Terms and Conditions of Sale

1. Effective January, 2008, supersedes all previous policy statements. Policies are subject to change without notice. Speed tech performance Ltd. is not responsible for printing errors.

2. Speed Tech Performance Ltd. does not endorse, nor recommend modification of vehicles for use on public highways, since warranty or government regulations may be violated. As an express condition of sale of any performance part, the buyer acknowledges and agrees to use the performance parts for the modification of vehicles in sanctioned OFF-ROAD competitive events and show purposes only. Customers should exercise their discretion on matters with regards to the purchase and installation of these products.

3. Speed Tech Performance Ltd. does not ensure the legal use of these products. We do not guarantee the fitment of these products for anything other than their intended application nor do we assume any responsibilities what so ever for the misuse or losses incurred by the use of any of these components. While every effort is made to provide technical information and assistance, we have no control over owner installation, modification, and unusual stress that performance parts are subject to.

4. The customer acknowledges that Speed Tech Performance Ltd. and its employees are not responsible for any mechanical failures due to the use of parts sold, supplied or installed not for their intended application. Speed Tech Performance Ltd will not be held liable for any damages which are incurred directly or indirectly on the vehicles or operators or passengers of the vehicle

5. Please consult your sales agent and/or technician prior to purchase of any of Speed Tech Performance Ltd. Products to ensure proper fit. The buyer assumes all responsibilities for determining the suitability of the product. All aftermarket products should always be installed by professionals only.

Warranty Claim:

1. Speed tech Performance Ltd. Warrants its products against materials and workmanship failure for the term of 12 months (1 year) from the date of purchase and only up to the amount paid with proof of purchase.

2. Seller's liability shall be limited to repairing or replacing, at its option, any defective product which is returned, freight prepaid to Seller, according to the Merchandise Return Procedure set forth in Section 3 below. Buyer shall bear all responsibility for shipping charges and risk of loss or damage during transit to Seller. Products which have been subjected to abuse, misuse, alteration, neglect or unauthorized repair or installation, as determined solely by Seller, are not covered by this warranty. Any alterations, addition, improvements or attachments to the product(s) not authorized in writing by the Seller shall be deemed to be a waiver of this warranty by Buyer and shall render this warranty null and void. Seller shall return repaired or replaced product(s) to Buyer, at its expense via regular ground service in Canada. Shipping charges by all other methods and to all other destinations shall be borne by Buyer.

3. Merchandise return procedure

A. If you purchased your Speed tech performance Ltd product from us or from an authorized dealer, you are covered by the terms of this policy. All claims however, must be submitted directly to Speed tech performance Ltd.

B. Call the customer service representative at 1-888-467-1625.

C. Provide the invoice number, date of purchase and reason for return

D. You will be assigned a Returned Goods Authorization Number (RGA). The package you return must show the RGA on the outside of the package, include the original invoice and be shipped prepaid to our facility. The part has to be in its original packaging materials and be in a resellable condition. For parts presenting signs of use, only warranty claims will be accepted.

E. Ship to seller, freight pre-paid and insured for replacement cost in original packaging.

F. Replacement or repair decision will be made when merchandise is received by seller. No advance replacement is available.

How to File a Warranty Claim:

The answer to ALL the following questions should be YES before contacting our Customer Service Department.

Is the part appropriate to your application?

Did you carefully and thoroughly read the instructions provided along with the part?

Do you have the proof of purchase?

Are you the original purchaser?

Is the part unmodified and clean?

Is the return date within 3 months from the purchase date?

Is the reason for return a legitimate product defect?

If the answer to all these questions is YES, please contact our Customer Service Department at 1-888-467-1625. You will be given a Returned Goods Authorization Number (RGA) valid for 30 days. You will also be asked to ship the part prepaid to our facility. All shipments MUST be prepaid, include the original invoice and show the RGA on the outside of the package, otherwise it will be refused. Please include a brief explanation letter in order to expedite the warranty analysis process.

What doesn't this Warranty Cover?

The costs not covered by this warranty include but are not limited to:

- Removal, installation, shipment and insurance costs.
- Improper installation or maintenance
- Misuse or abuse, negligence
- Damage to related components
- Normal wear and tear.
- Costs incurred due to down time of vehicle
- Alterations on the original design or unauthorized repairs.

All warranties implied by law are limited in duration of this warranty. You have specific rights that may vary from state to state or Province to Province. By purchasing any of the products that are manufactured by speed tech performance you agree to any and all of the above terms and conditions. **Copyright © Speedtech Performance USA LLC**

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