



10th Gen Civic 1.5T & 2.0L NA
Clutch Master Cylinder Install Guide

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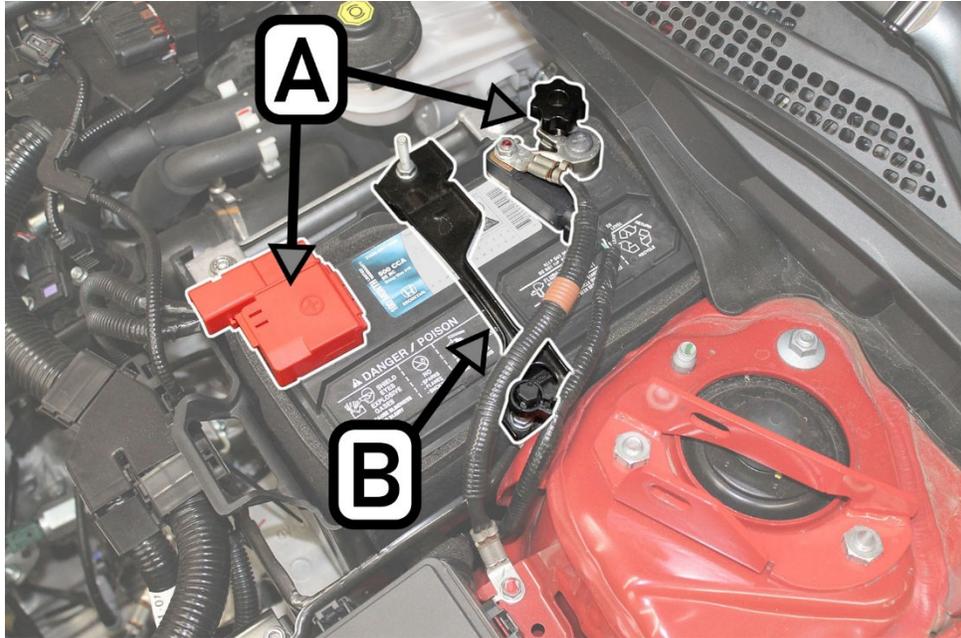
IMPORTANT SAFETY DISCLAIMER: When working on your car, always follow proper safety procedures. This includes, but is not limited to, letting your car cool down, using the correct tools and protection, jacking/lifting your car correctly, and in general being careful about what you are doing. If you do not feel confident doing something, do not attempt it! Instead, have someone else with more experience try or hire a professional. SiriMoto (and any reseller) cannot be held responsible for any incidental or direct damages, injuries, or additional costs caused by installing any of the parts in this kit.

PART NUMBER	DESCRIPTION/CONTENTS	QUANTITY
SM-HC16-N1-CMCU	10th Gen Civic [1.5T] N1 Clutch Master Cylinder Kit	1
	Clutch Master Cylinder with Port Adapter	1
	Clevis Cotter Pin	1
	Mounting Gasket	1
SM-HC16-N1-HY-CL	10th Gen Civic [1.5T] N1 Hydraulic Clutch Line	1
	Stainless-Steel Braided Hose [50" Length]	1
	M10x1.0 Banjo Bolt, Silver Zinc 18mm Length	1
	M10 Crush Washer	2
	3/8" ID Damping Loop Clamp, Stainless / EPDM Rubber	2

I. Installation

a. Removing the Battery & Airbox

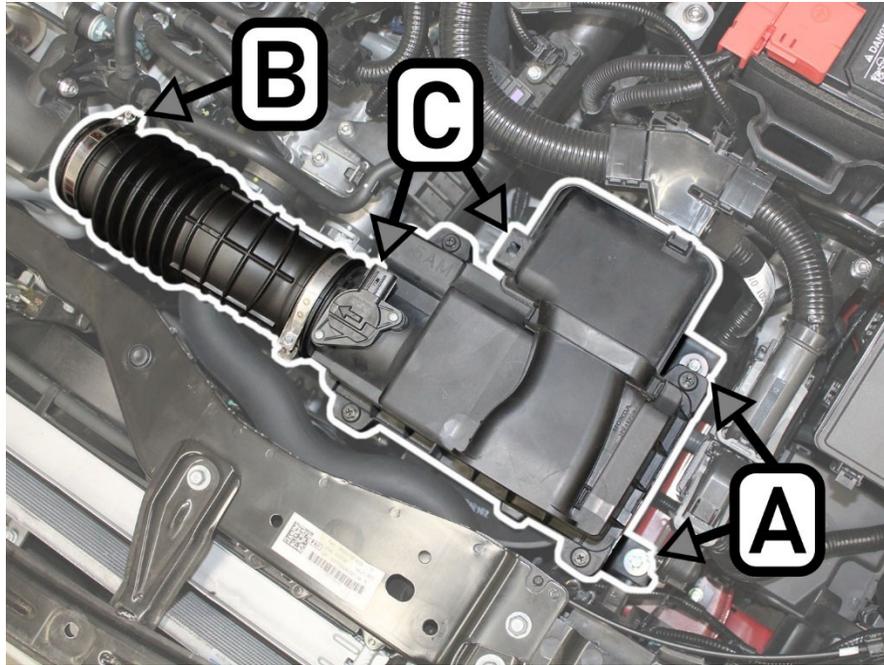
1. Disconnect the Negative and Positive Battery Terminals (A) with a 10mm Socket or Wrench, then remove the Battery Tie-Down (B) by loosening the 2x 10mm Hex Nuts.
 - *PRO Tip: Let the car cool to a comfortable working temperature.*



2. Remove the Battery by pulling the Battery Box (A) forward, to give room for it come out, and proceed by pulling the box out as well.



3. Remove Airbox Assembly by removing the 2x 10mm Hex Head Bolts (A), loosening the Inlet Tube Hose Clamp (B) and unclipping the MAF Sensor Harness (C).

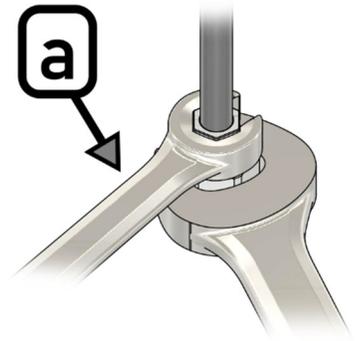


- Note: Remove the harness clip to the MAF Sensor by pressing on the two retainer tabs as shown here:



b. Clutch Line/Hose Removal

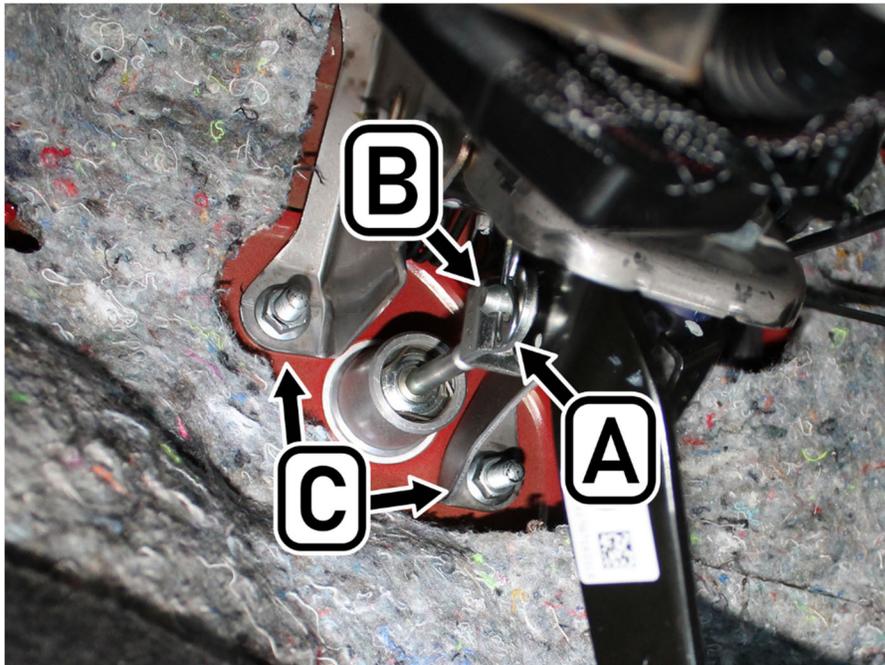
Note: Use of a Flare Nut Wrench (a) is highly recommended when loosening/tightening the 10mm Clutch Line Fittings. Also, do not spill brake fluid on the vehicle; if brake fluid gets on the paint or plastic, wash it off immediately with water. Plugging the ends of the clutch reservoir hose and flare nut will help prevent spilling of brake fluid.



1. Remove the Master Cylinder Clutch Line by loosening the 2x 10mm Hex Fittings at both ends of the line (found at the Clutch Master 'Out' Port and the frame rail mounting bracket).
2. Remove the Slave Cylinder Clutch Line & Hose assembly by loosening the 10mm Hex Fitting at the Slave Cylinder port and unbolting both Mounting Brackets (found at the Transmission and the Frame Rail).

c. Master Cylinder Removal

1. At the Clutch Pedal, remove the Clevis Cotter Pin (A) followed by the Clevis Pin (B). Then proceed by removing the 2x 12mm Hex Nuts (C).



2. From the engine bay, disconnect the rubber Reservoir Hose at the inlet port and remove the Clutch Master Cylinder Assembly.

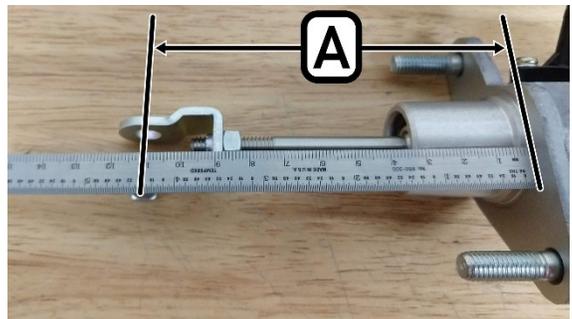
d. Installing the N1 Hydraulic Clutch Line

Note: The replacement line installs one way.

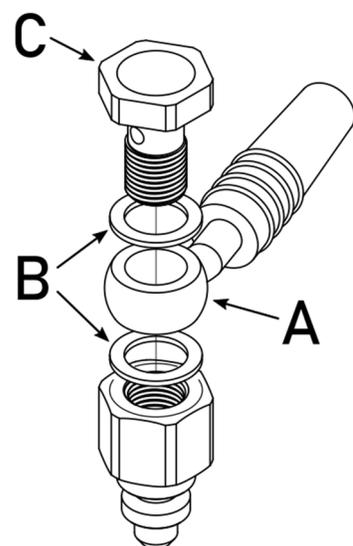
1. Begin by routing the male-end of the clutch line, starting where the Clutch Master Cylinder is installed and follow a similar path as the OEM Hose/Line assembly.
2. Once routed, connect the male-end to the Clutch Slave Cylinder by tightening to 11lb/ft, and secure the hose by using the 2x Dampening Loop Clams where the original brackets were previously installed. ***Bending of the loop clamps may be necessary, to avoid harsh bends of the N1 Clutch Line.*** This can be done by mock-fitting the clamp and using a screwdriver to act as the hose, thus allowing you to bend the loop clamp to fit.

e. Installing the N1 Clutch Master Cylinder

1. Prep the Clevis/Rod Length (A) by adjusting it to match your OEM master cylinder length and torquing the jam nut to 13lb/ft. *In most cases this will be around 110~112mm.*



2. Prime/Bench-Bleed the master cylinder. This procedure is highly recommended and will avoid air bubbles, as well as speed up the bleeding process once the kit is installed.
3. Install the Banjo-End of the N1 Hydraulic Clutch Line to the master cylinder. Using the supplied hardware, sandwich the Banjo-End (A) with 2x Crush Washers (B), and fasten it with the Banjo Bolt (C).



4. Proceed by bolting the clutch master cylinder to the Firewall/Pedal Assembly and torquing the 2x Hex Nuts (A) to 10lb/ft, and finish by reinstalling the Clevis Pin and Cotter Pin.
- f. **Finishing and Final Checks**
1. With all the parts installed and fastened, bleed the hydraulic system and check for proper actuation along with checking for any potential leaks at any of the junction/connection points.
 2. Install any remaining parts in reverse order (airbox, battery, etc.).

Congratulations! Installation of our SiriMoto N1 Clutch Master Cylinder Upgrade is complete, and you can now enjoy the crisp pedal feel/clutch actuation this system brings.

From the SiriMoto Team, we thank you for choosing this kit, as countless hours were put into the development of this kit along with real-world track testing.

Best Regards,
**TEAM
SIRIMOTO**

