



Core Moto Brake line system 2012+ Kawasaki ZX14 ABS



ANY QUESTIONS OR CONCERNS?
STOP WORK AND CALL OR EMAIL
321-806-3995 M-F 9-5 EST
SUPPORT@COREMOTO.COM

THIS INSTALLATION GUIDE COVERS CORE MOTO FULL 2012 + ZX14 ABS REPLACEMENT BRAKE LINE KITS. OUR FULL BRAKE LINE KIT IS MADE TO REPLACE ALL RUBBER HOSES AND HARD TUBES CONTAINED IN THE FACTORY BRAKE SYSTEM. **(FRONT ONLY AND REAR ONLY KITS WILL RETAIN SOME PORTIONS OF HARD TUBE)**

BRAKE LINES AND OTHER BRAKE COMPONENTS ARE SAFETY RELATED ITEMS. ALL WORK AND MAINTENANCE SHOULD BE PERFORMED BY A QUALIFIED MECHANIC AND FULLY TESTED BEFORE ANY ROAD USE TAKES PLACE. THIS GUIDE IS MADE TO SHOW ALL ROUTING AND MOUNTING OF THE COMPLETE CORE MOTO BRAKE LINE REPLACEMENT KIT. REFER TO MANUFACTURERS OWNERS MANUAL FOR ALL TORQUE SPECS, BRAKE FLUID REQUIREMENTS AND BRAKE BLEEDING PROCEDURES. A GENERAL BLEED GUIDE COMES PRE PACKAGED INSIDE ALL CORE MOTO BRAKE LINE KITS.

Our full kit includes (PARTIAL KITS AND SE BREMBO KITS WILL DIFFER SLIGHTLY)
7 brake hoses with pre installed mounting grommets and end fittings.

4 single stainless 10mm x 1.25 bolts
4 single stainless 10mm x1.0 bolts
1 double stainless 10mm x1.25 bolt
19 copper washers
4 10mm x1.0 stainless ABS adapters
2 Stainless P-Clips
2 6mm stainless short button head bolt

BRAKE FLUID CAN DAMAGE PAINT....TAKE GREAT CARE TO AVOID SPILLING BRAKE FLUID ON ANY PARTS FOR THE BIKE DURING BRAKE LINE REMOVAL AND INSTALL. IF BRAKE FLUID IS SPILLED ON ANY PORTION OF THE BIKE, QUICKLY CLEAN WITH SOAP AND WATER. OLD BRAKE LINES WILL STILL CONTAIN SOME BRAKE FLUID... SOME DRIPPING IS UNAVOIDABLE.

STEP 1: COMPLETELY DRAIN THE BRAKE SYSTEM OF ALL FLUID OR AS MUCH AS POSSIBLE.

STEP 2: PROPER REMOVAL OF SEAT, FUEL TANK, FRONT INNER FAIRINGS AND BATTERY WILL BE REQUIRED. KEEP TRACK OF ALL HARDWARE, AS BOLTS WILL NEED TO BE RE INSTALLED IN PROPER LOCATIONS DURING RE ASSEMBLY. WE STRONGLY SUGGEST TAKING PHOTOS OF ALL AREAS YOU WILL BE WORKING BEFORE AND THROUGH THE ENTIRE PROCESS.

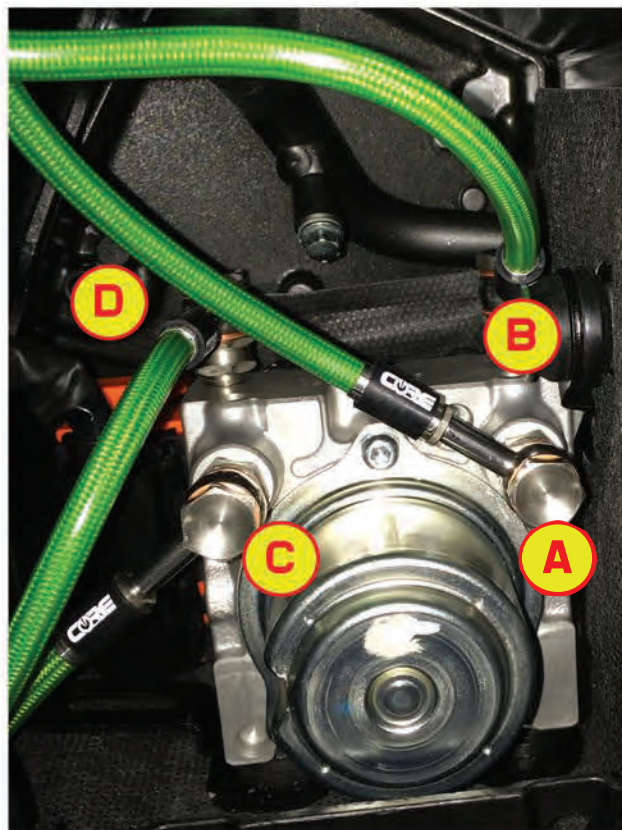
STEP 3: CLEAN WELL AROUND ALL COMPONENTS IN YOUR FACTORY BRAKE SYSTEM TO AVOID DEBRIS ENTERING THE BRAKE SYSTEM UPON REMOVAL OF ALL FACTORY LINES AND INSTALATION OF NEW LINES.

STEP 4: CAREFULLY REMOVE ALL BRAKE LINES AND MOUNTING BRACKETS.

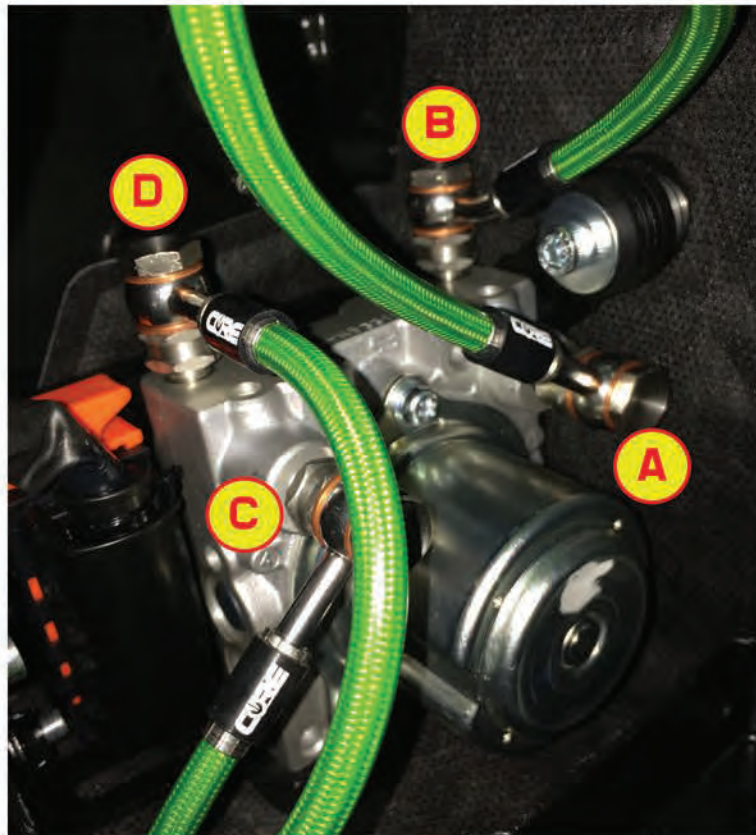
FOLLOW OUR ILLUSTRATED GUIDE ON THE NEXT PAGES FOR FURTHER INSTALL DIRECTIONS.

COMPLETE REMOVAL OF ABS UNIT MAKES ACCESS EASIER.

VIEW FROM BATTERY BOX RIGHT COVER



VIEW FROM BATTERY AND ABS BOX REAR COVER



LINE A: LEADS TO THE FRONT OF THE BIKE AND TERMINATES ON THE RIGHT SIDE OF THE FRAME BEHIND THE HEAD TUBE THREADING INTO THE STAINLESS BLOCK ON LINE E. THIS IS PART OF THE FRONT MASTER CYLINDER SYSTEM.

LINE B: LEADS TO THE FRONT OF THE BIKE AND TERMINATES ON THE RIGHT SIDE OF THE FRAME BEHIND THE HEAD TUBE THREADING INTO THE STAINLESS BLOCK ON LINE F. THIS IS PART OF THE FRONT CALIPER SYSTEM.

10MM X 1.0 BOLT

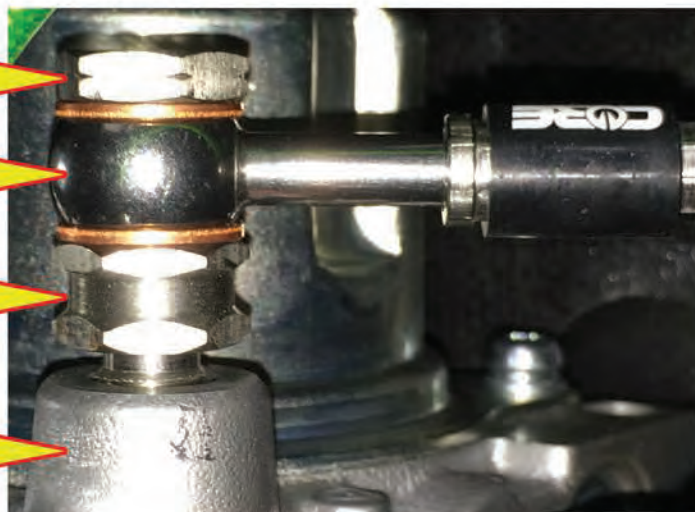
BANJO FITTING

COPPER WASHER ON EACH SIDE OF BANJO

ABS ADAPTER

USE A MEDIUM THREAD LOCKING FLUID ON THREADS.
DO NOT ALLOW THREAD LOCKER TO ENTER ABS SYSTEM.

ABS UNIT



Line C: leads to the rear master cylinder. See images for routing and mounting

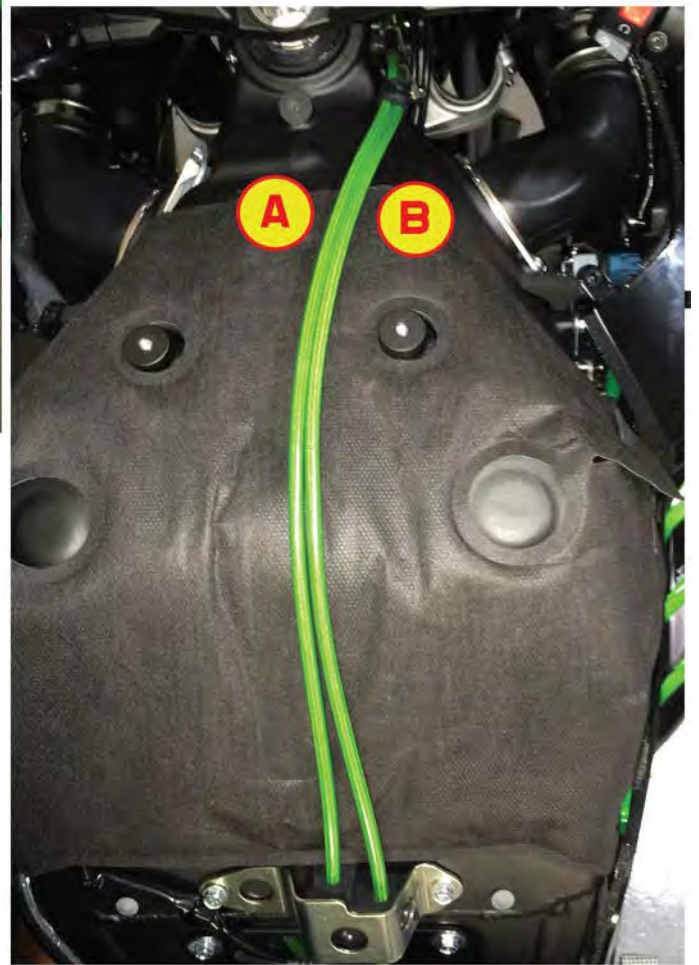
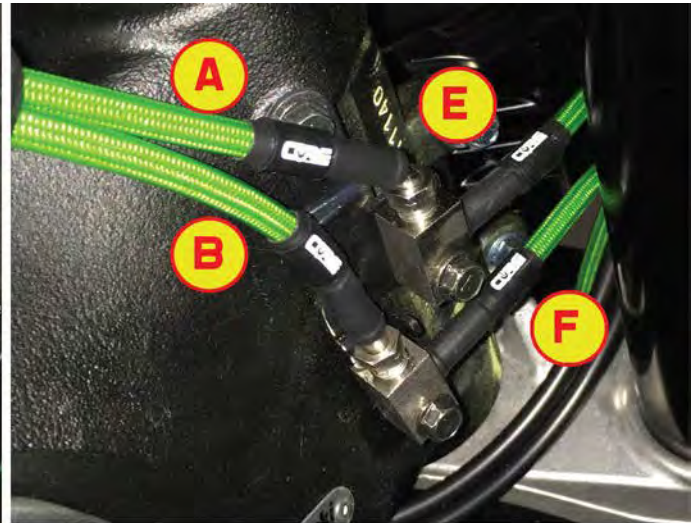
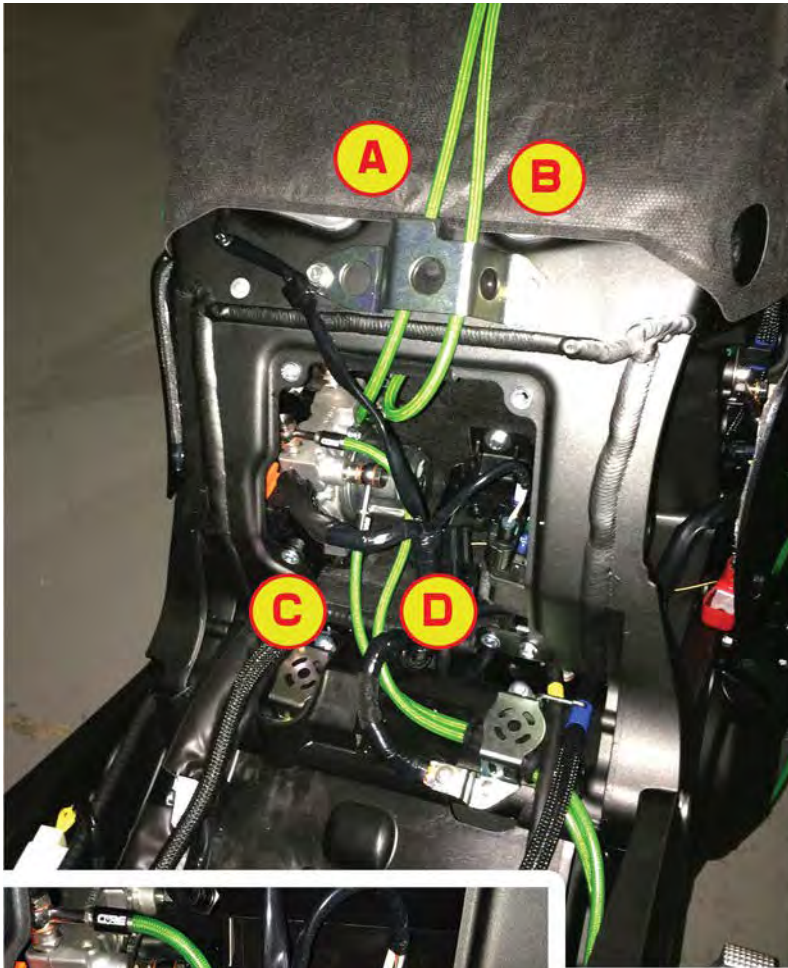
Line D; Leads to the rear caliper. See images for routing and mounting.

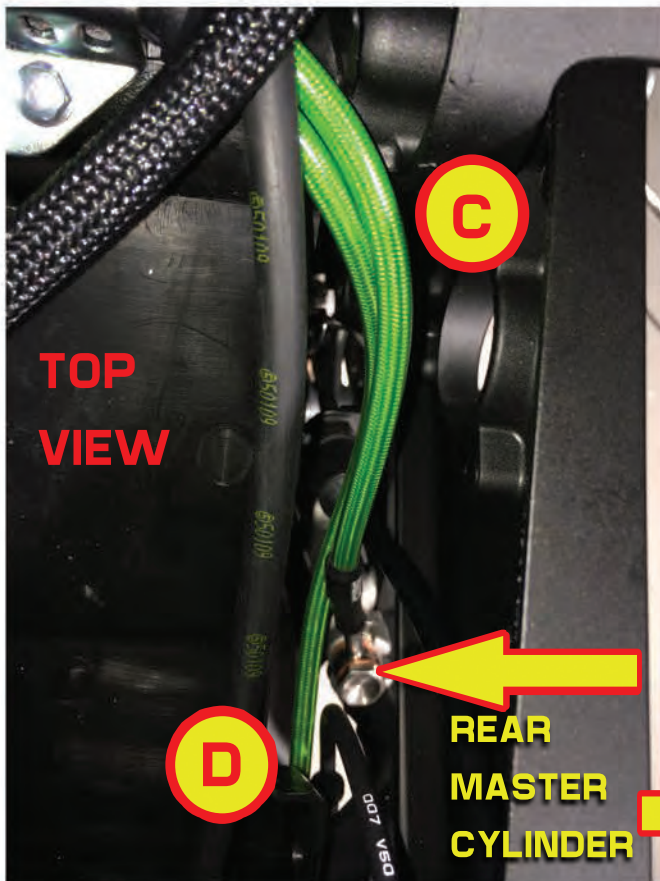
Attaching lines A,B,C & D to the abs unit: First dry out the ABS unit ports with a lint free cloth, do not allow debris to enter the ABS unit.

Once dry, use medium strength thread locking fluid on the ABS adapters included in your kit and tighten all 4 into the ABS unit until firmly snug. Allow to set while working on the rest of the system. **Front only kits do not include A&B lines**

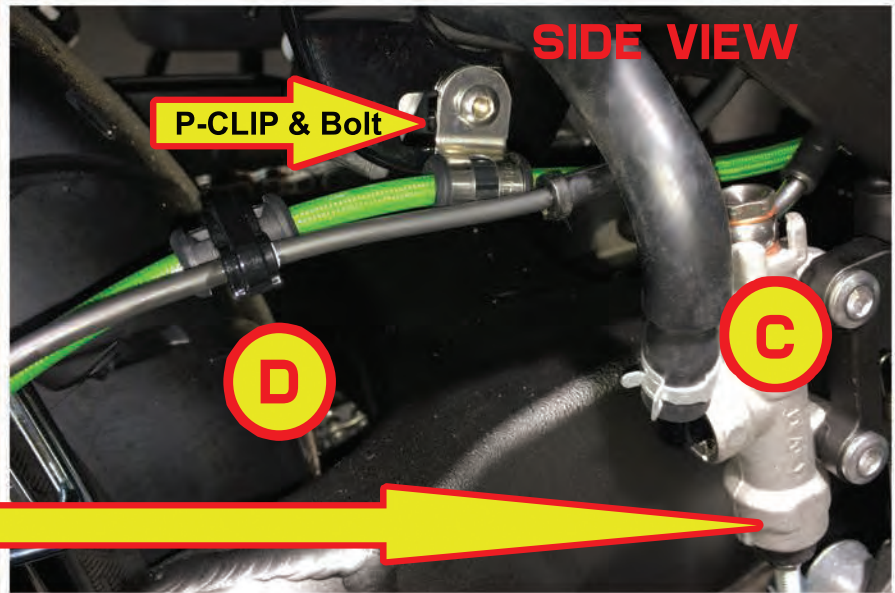
See routing images below.

junctions at right front head tube

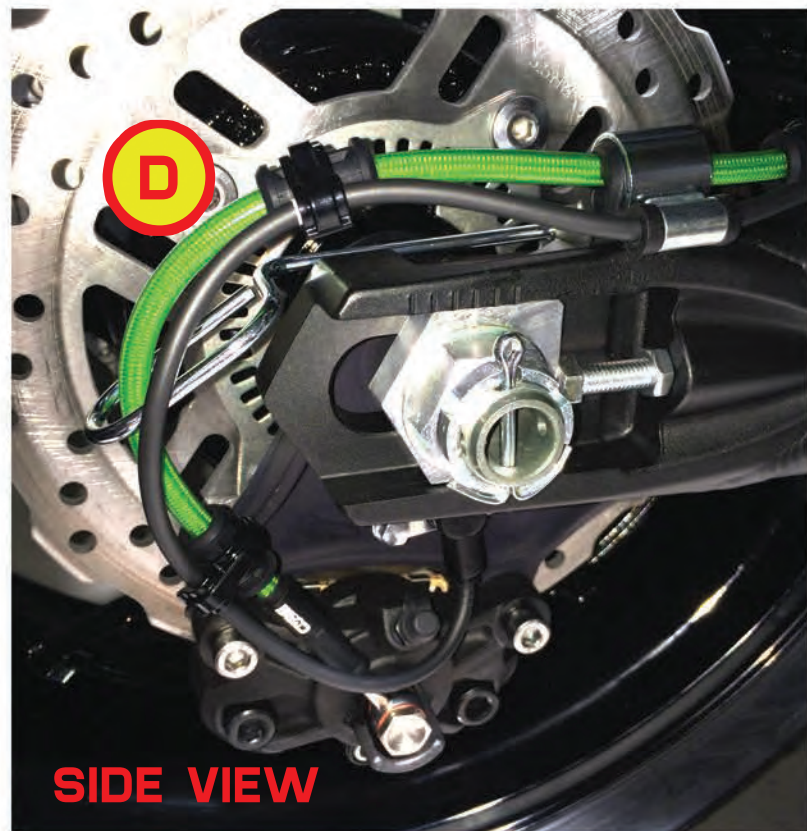




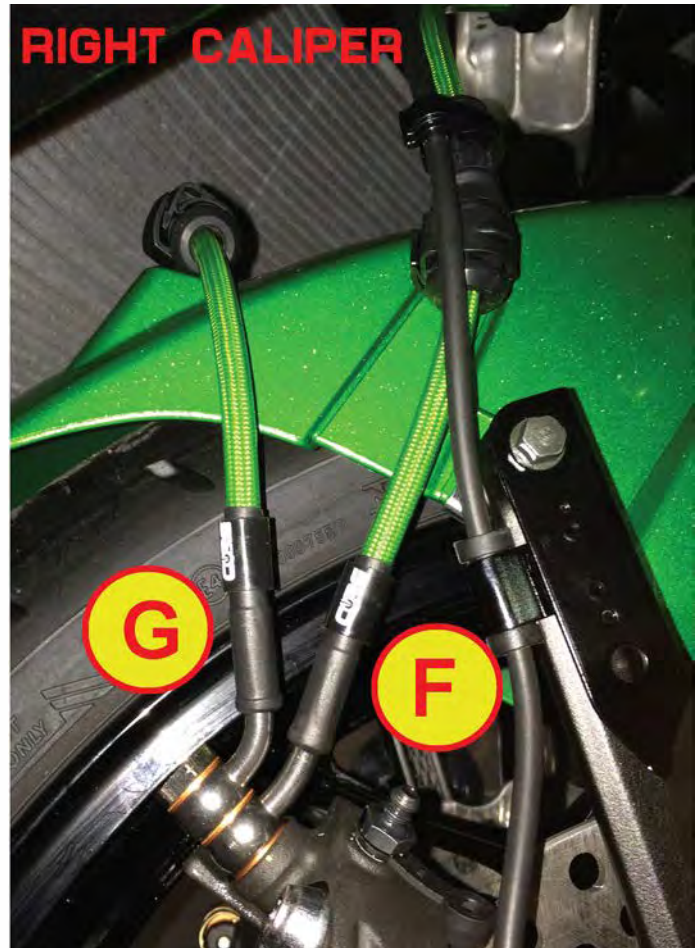
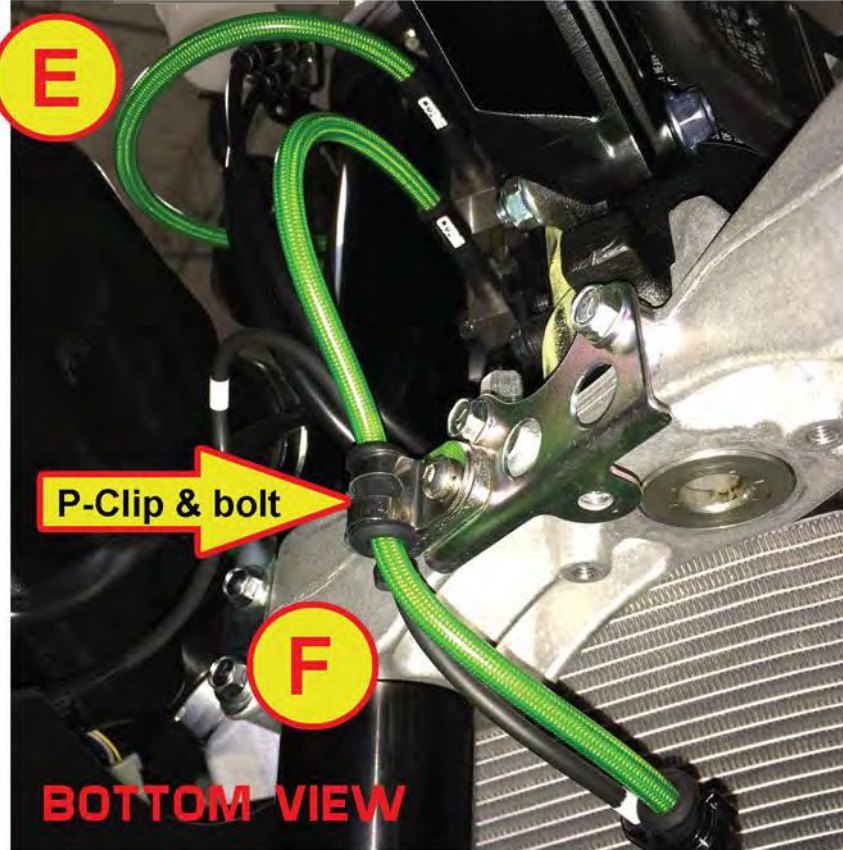
Line C: Routes down behind the subframe to the rear master cylinder. Mounts using 1 single m10 x 1.25 banjo bolt and 2 washers.



Line D: Routes down the same path as Line C then mounts to the original brake junction mounting plate using 1 supplied P-clip and 6Mx1.0 bolt over pre installed core moto crommet. Then line D routes back to the rear caliper using all the factory clips and guides that the OEM line used. Mounts to the caliper using 1 m10 x 1.25 banjo bolt and 2 copper washers.

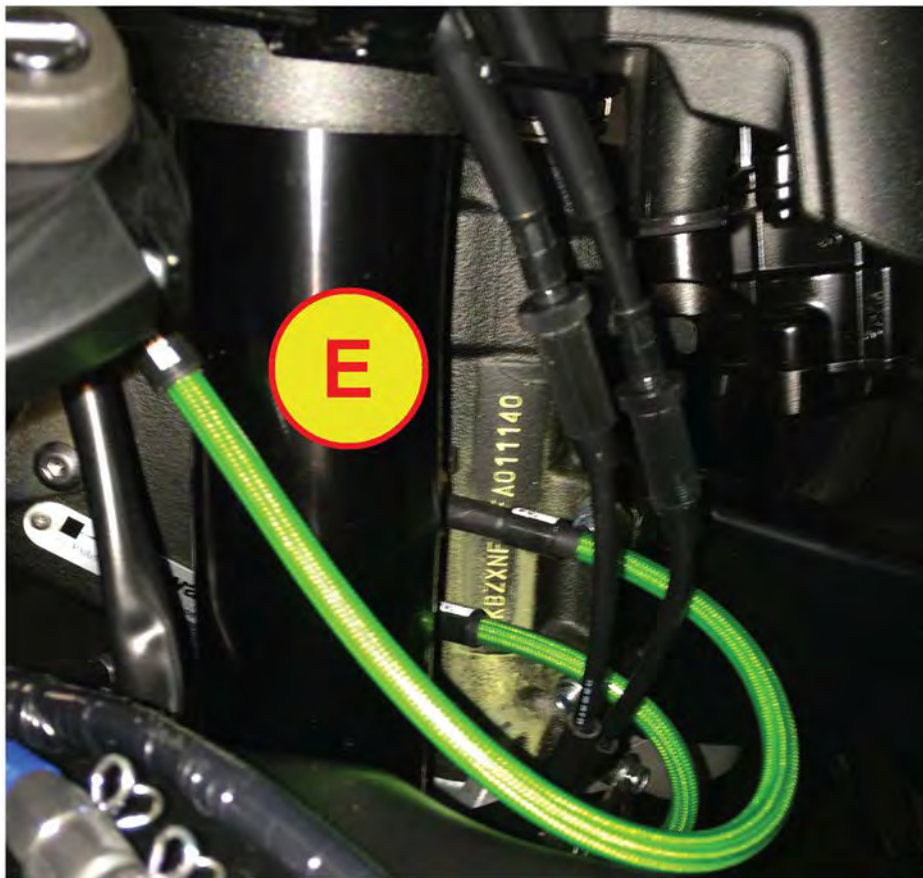


Line F: Routes from the head tube mounted junction block to the OEM mounting plate at the lower triple clamp using a provided P-Clip and M6 x 1.0 bolt. Then Line F routes to the Right caliper where it mounts together with line G at the right caliper Using a double length M10x1.0 banjo bolt and 3 copper washers.



Line G: Routes from right caliper over the top of the back side of the front fender to the left caliper. Mounts to both grommet mounts on the fender then attaches to the left caliper using 1 single M10x 1.25 banjo bolt and 2 copper washers.

Se Brembo kits will differ slightly



Line E: routes around the front of the throttle cables and right fork up to the front master cylinder where it is connected using a single length M10x 1.25 banjo bolt and 2 copper crush washers.

SE Brembo kits will differ slightly

Once all lines are installed, go through and check that all connections are tight. Bleed the entire system according to the procedure in your shop manual for the specific vehicle. Check for any leaks and ensure the system is fully bleed and operating properly.

Replace all body panels and check to ensure the brake lines will not rub, snag or bind in any area. Check the steering travel from lock to lock to ensure lines E and F will not snag rub or be put under tension when the handle bars are turned full lock in either direction. Line F may need to have slack adjusted above the mounting grommet and P-Clip to allow safe slack.

Do not ride the motorcycle until you have fully checked all these points.

FULLY CLEAN BRAKE FLUID FROM ALL BANJO CONNECTION POINTS USING SOAPY WATER TO ENSURE THE OUTER COATING WILL NOT BE DAMAGED OVER TIME. THIS MUST BE DONE WITHIN HOURS OF INSTALL

Recheck and snug all exterior banjo bolts after the first couple rides.