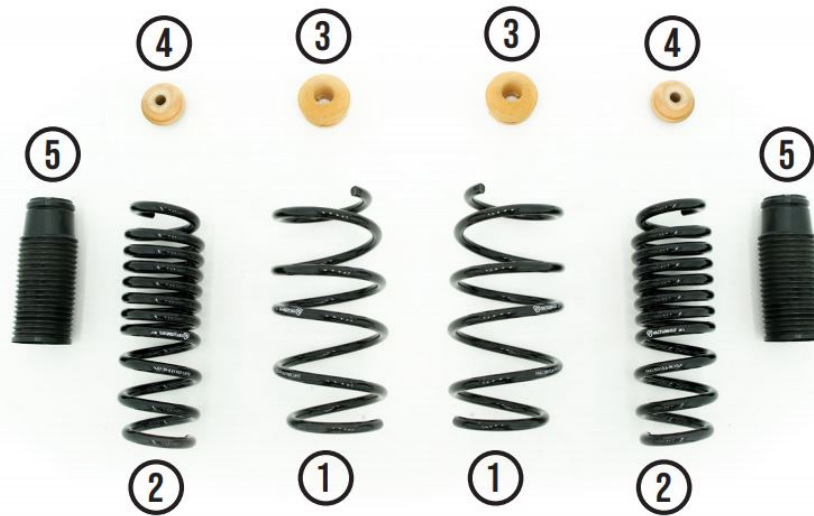




INSTALLATION INSTRUCTIONS

FactionFab Lowering Springs

FFA1.10113.6 – 2020+ Toyota Supra



BILL OF MATERIALS		
Item #	Description	QTY
1	FRONT SPRINGS	2
2	REAR SPRINGS	2
3	FRONT BUMP STOPS	2
4	REAR BUMP STOPS	4
5	REAR DUST BOOTS	2

TOOL LIST
RATCHET / BREAKER BAR
10mm, 16mm, 18mm, 21mm SOCKET / OPEN END WRENCH
6mm HEX KEY AND 18mm PASS THROUGH SOCKET
E14, E20 EXTERNAL TORX BIT SOCKET
SPRING COMPRESSORS
TORQUE WRENCH

DISCLAIMER: PLEASE READ AND MAKE SURE YOU FULLY UNDERSTAND THE INSTALLATION INSTRUCTIONS PRIOR TO INSTALLING FACTION FAB PRODUCTS AND ACCESSORIES. FAILURE TO INSTALL THE PRODUCT CORRECTLY CAN AND WILL RESULT IN IRREVERSIBLE VEHICLE DAMAGE AND OR PERSONAL HARM. IF YOU DO NOT FEEL COMFORTABLE WITH ANY OF THE REQUIRED STEPS, WE HIGHLY SUGGEST TAKING THE VEHICLE TO A QUALIFIED AND EXPERIENCED TECHNICIAN. FAILURE TO UNDERSTAND THE INSTRUCTIONS WHICH RESULTS IN DAMAGE AND OR INJURY IS THE SOLE RESPONSIBILITY OF THE INSTALLER AND ALL FAULT LIES WITH THAT PARTY AND OR INDIVIDUAL AND IS NOT IN ANY WAY, SHAPE OR FORM THE RESPONSIBILITY OF FACTION FAB.

FACTION FAB PRODUCTS ARE SOLD FOR "OFF-ROAD" USE ONLY AND MAY NOT MEET LEGAL REQUIREMENTS FOR OPERATIONS ON PUBLIC ROADS AND HIGHWAYS. WE PUT THE RESPONSIBILITY SOLELY ON THE END CONSUMER/CUSTOMER TO VERIFY THAT THE PRODUCTS DO NOT AFFECT THE VEHICLES ELIGIBILITY TO BE DRIVEN ON PUBLIC ROADS AND HIGHWAYS. INSTALLATION OF FACTION FAB PRODUCTS MAY VOID FACTORY OR AFTERMARKET WARRANTIES.

USE OF PRODUCT IN A NON-CONFIRMED APPLICATION, DISASSEMBLY OF THE PRODUCT, MODIFICATION OF THE PRODUCT, EXPOSING PRODUCT TO CORROSIVE OR PETROLIUM BASED CHEMICANS WILL VOID ANY AND ALL WARRANTY.

1

RAISE THE VEHICLE AND REMOVE WHEELS. ALWAYS ENSURE PROPER SAFETY PROCEDURE IS FOLLOWED WHEN WORKING UNDERNEATH YOUR CAR, INCLUDING THE USE OF JACK STANDS OR OTHER EQUIPMENT



2

STARTING WITH FRONT SUSPENSION, UNCLIP ABS SENSOR, WIRED CONNECTIONS, AND BRAKE LINE



3

DISCONNECT FRONT END LINK WITH 16mm



4

USE A JACK TO LIFT / SUPPORT THE STRUT



5

INSTALL SPRING COMPRESSORS, MAKING SURE THEY ARE SNUG



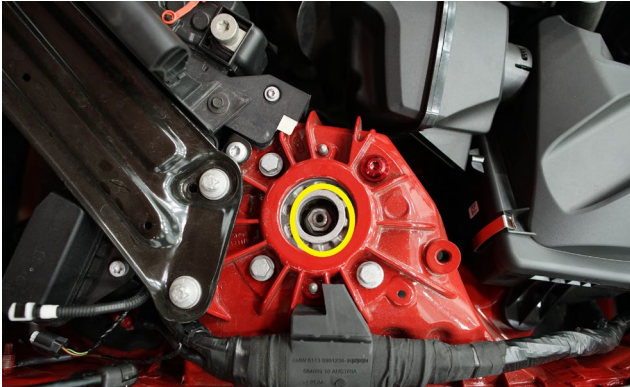
6

REMOVE CLIPS AND ENGINE BAY PANELS COVERING STRUT TOWER. ALSO REMOVE WINDSHIELD FLUID LINE ON PASSENGER SIDE.



7

REMOVE TOP SHOCK NUT WITH 6mm HEX KEY
AND 18mm PASS THROUGH SOCKET



8

LOWER JACK AND ROTATE ASSEMBLY OUTSIDE
OF THE WHEEL WELL, THEN REMOVE SPRING



9

TRANSFER OEM DUST BOOT TO FACTIONFAB
SPRING WITH LOGO FACING UP



10

REPLACE BUMP STOPS WITH FACTIONFAB
SUPPLIED SHORTER BUMP STOPS



11

INSTALL FACTIONFAB SPRING ON SHOCK



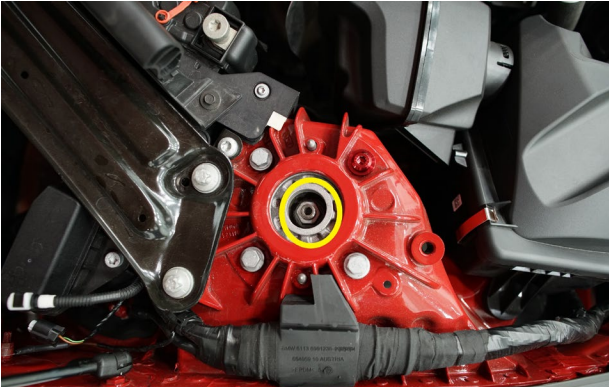
12

SLOWLY JACK STRUT ASSEMBLY UP AND ALIGN
SHOCK WITH THE TOP HAT



13

ADD THE 18mm NUT TO THE TOP OF THE SHOCK
AND TORQUE TO 52 ft-lbs



14

MOVING TO THE REAR, REMOVE THE AERO
SHIELD HELD ON BY 4 10mm NUTS



15

USE AN E20 TORX, 21mm, AND 18mm TO
REMOVE THE TWO LOWER CONTROL ARM BOLTS



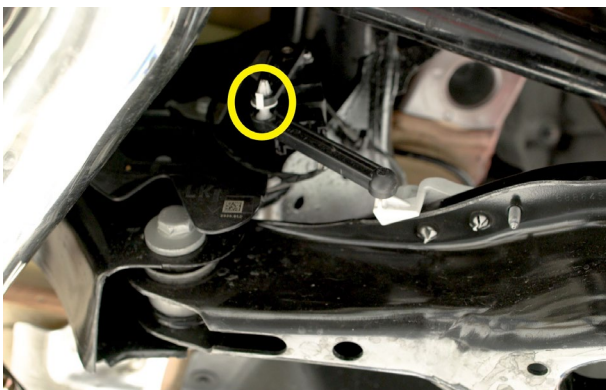
16

SUPPORTING THE CONTROL ARM WITH A JACK
WILL MAKE REMOVING THE BOLTS EASIER



17

DISCONNECT THE HEADLIGHT LEVEL ARM FROM
THE DRIVERS SIDE



18

PULL THE LOWER CONTROL ARM DOWN TO
REMOVE THE REAR SPRING



+

19

TRANSFER TOP AND BOTTOM SPRING MOUNTS
TO FACTIONFAB REAR SPRING WITH LOGO
FACING UP



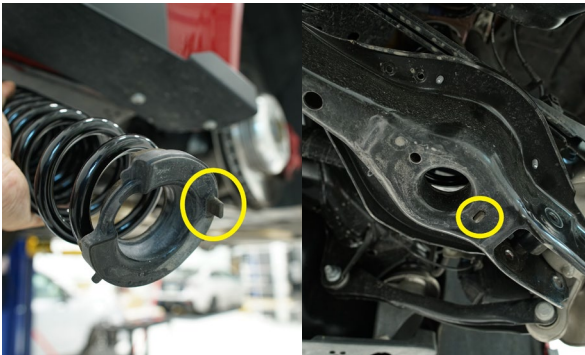
20

INSTALL FACTIONFAB REAR SPRING



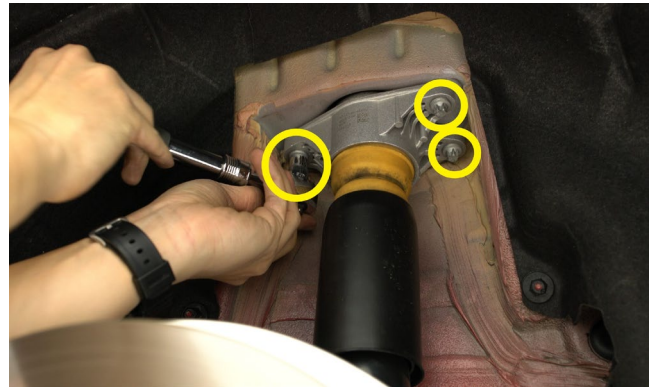
21

MAKE SURE THE BOTTOM RUBBER SPRING
MOUNT TAB LINES UP WITH THE HOLE



22

USING THE E14 TORX, REMOVE THE 3 BOLTS
HOLDING THE REAR SHOCK



23

REMOVE THE 16mm NUT ON THE TOP OF THE
SHOCK



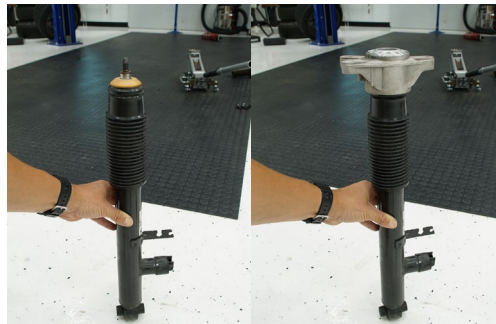
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INSTALL FACTIONFAB REAR BUMP STOP INTO
THE FACTIONFAB REAR DUST BOOT



25

REASSEMBLE THE REAR STRUT WITH NEW BUMP STOP AND DUST BOOT. TORQUE 16mm NUT TO 30 ft·lbs



26

REINSTALL REAR SHOCK



27

TORQUE E14 BOLTS TO 21 ft·lbs



28

USE JACK TO SUPPORT LOWER CONTROL ARM WHEN INSTALLING BOLTS



29

TORQUE OUTER E20 BOLT TO 122 ft·lbs.

TORQUE INNER 18mm BOLT TO 74 ft·lbs



30

INSTALL WHEELS BACK ON THE CAR AND LOWER VEHICLE. CHECK CLEARANCE OF ALL AREAS AROUND THE COILOVER, INCLUDING AXLES, WHEELS, FENDERS, FENDER LINERS, ETC.

THE CAR WILL NOW REQUIRE AN ALIGNMENT TO BE DONE BY A PROFESSIONAL. FAILURE TO DO SO COULD DRASTICALLY AFFECT HANDLING CHARACTERISTICS AND RESULT IN DAMAGE TO WHEELS, TIRES, OR OTHER SUSPENSION COMPONENTS.