



#### Technical Committee

November, 2016 Las Vegas, NV



### JIGS are ordered for the 2016 Toyota Camry from Celette.



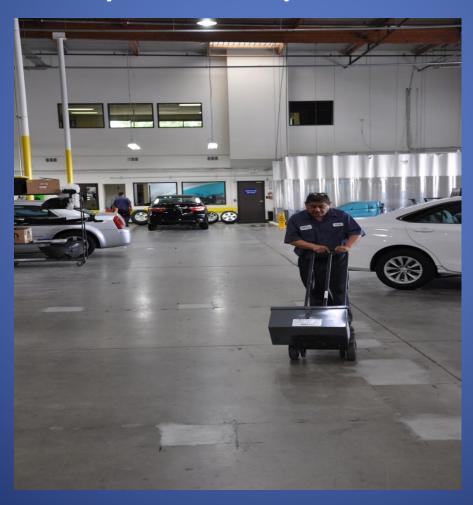


## The pulling arm is moved to the repair stall.





# The technician moves the rented fixture box to his stall that was in the parts department



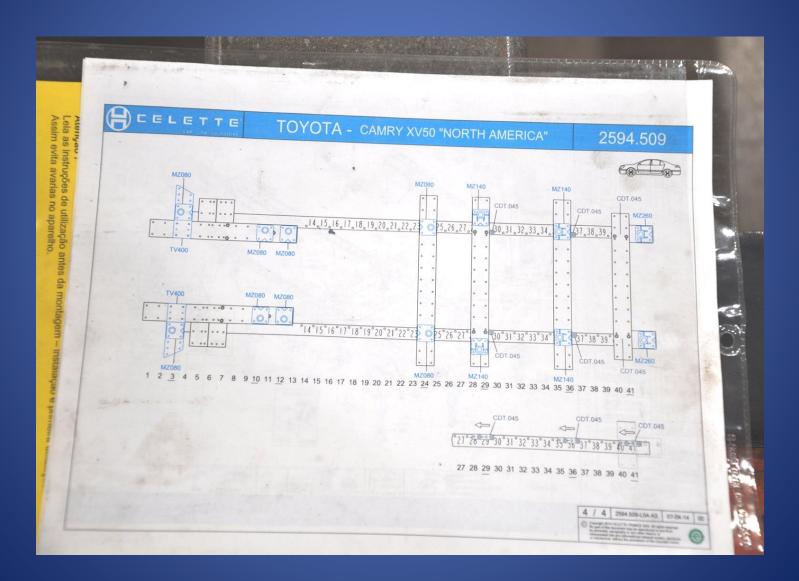


## The rented fixtures are moved to the technician's stall.





### Note the numerical location of front beams and the 4 cross beams





The Celette Bench has a numberical number stamped into tread of the bench for location of the cross beam for the particular car that is being repaired.





The technician has moved the front beams to their correct position for the 2016 Toyota Camry as outlined in the Celette speciation sheet that is included with the jigs.





# Cross beam is placed on the bench at its designated position.





### Location of each specified base is located and placed on the bench

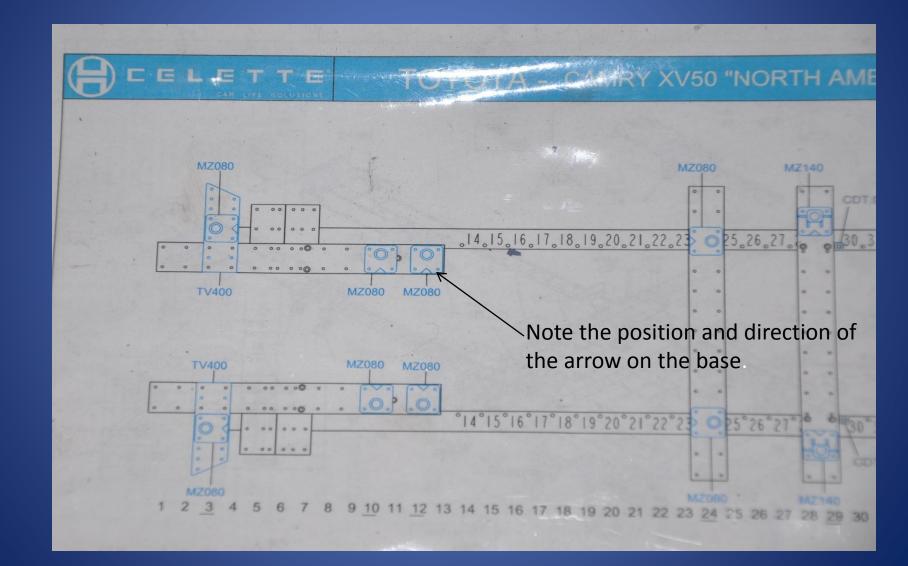




The direction of the base is verified by the data sheet and the arrow on the base.









### The bases are then secured to the tread with bolts.





### A side arm is installed as per the data sheet on the front beams.





### All of the bases have been installed on the bench.



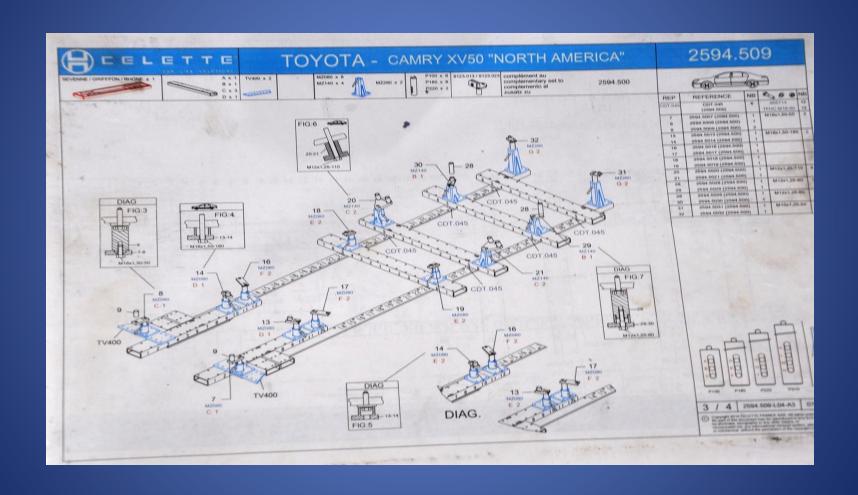


# All the bolts are tightened and torqued on base mounts.



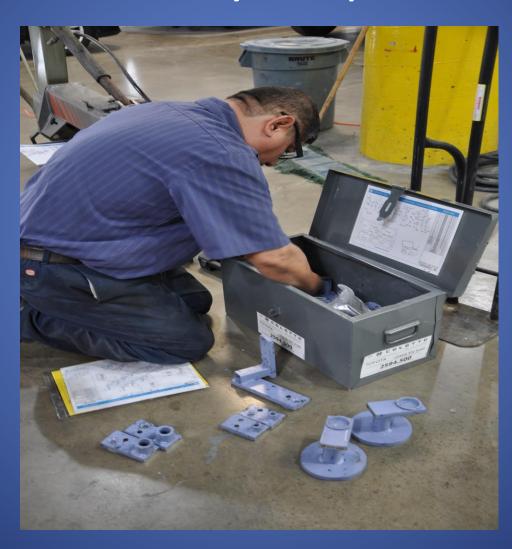


#### The jig diagram is reviewed





# All of the jigs are removed from the box and they are paired up.





#### The complete set of jigs is laid out.





### The base extensions are removed according to the specification sheet.





# The base extensions are attached to the jigs.





### The bench is set up and it is moved to the hoist in order to mount the vehicle onit





### The Damaged vehicle is raised in order to load it on the Celette Bench

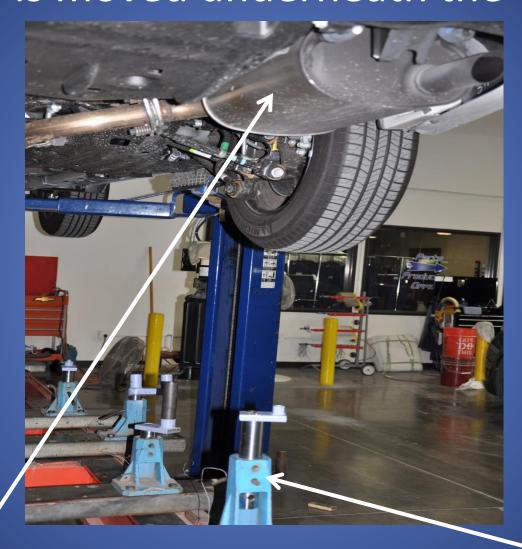








#### Bench is moved underneath the vehicle.



Note: The muffler will need to be removed to accommodate the last passenger fixture

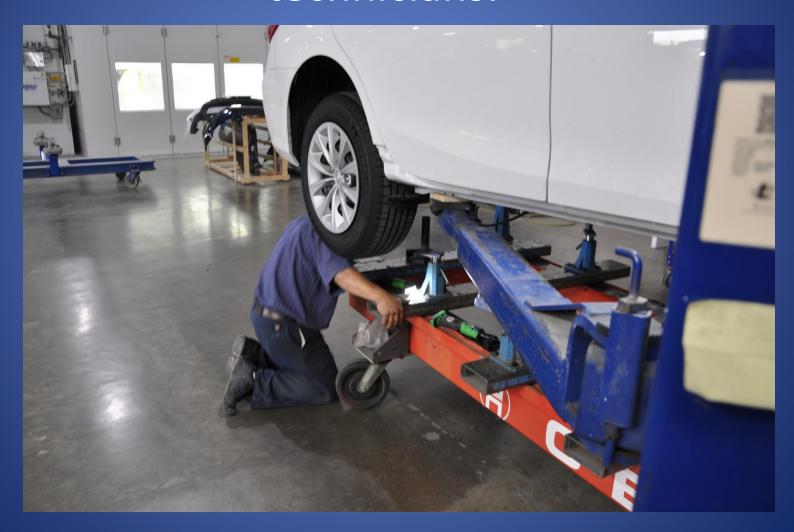


All of the lower plastic shields along with the emergency brake cables are removed and/or loosened.



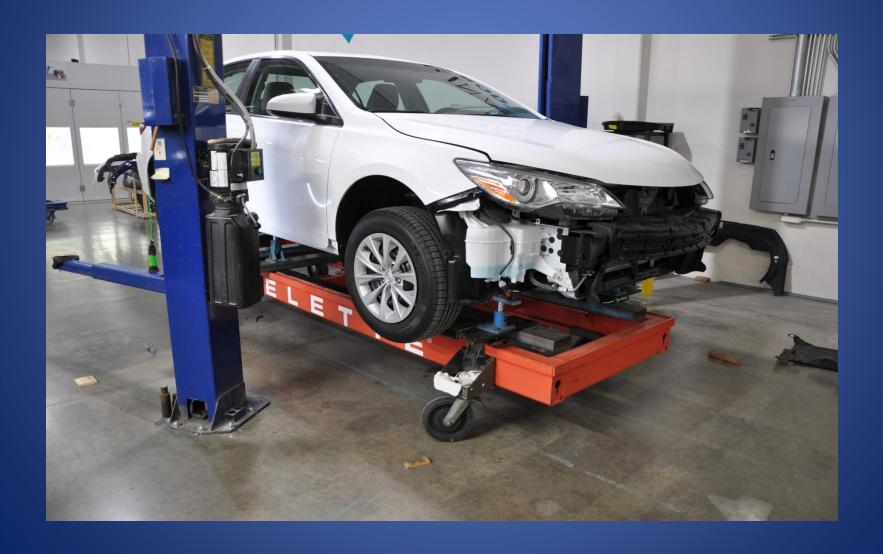


# The vehicle is lowered on to the Celette Bench. The operation took 2 technicians.





### Mounted vehicle is ready to be moved back to the technicians work stall.





### The vehicle is moved with the help of two additional technicians.





### After all repairs have been completed, the vehicle is moved back to the hoist.





### All the fixtures are disassembled, checked for inventory and boxed.







# JIGs and fixtures are returned to the parts department for shipping back to Celette.





A special thanks to Bastin of Celette,
North America, Tom Williamson,
owner of Marian Autobody and a
special thanks to Rafael Bacerra and
his repair team.