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October 19, 2020

Attn: Collision Repair Particpants

RE: Electronic Frame measurement clarification

ICBC has received several questions regarding the Collision Repair Program equipment requirement of ***"Simultaneous three dimensional electronic measuring equipment with data subscription maintaining system updates"***. We are providing this information to assist you in choosing the equipment that will meet the requirement and suit your business needs.

The electronic measuring equipment must:

- measure length, width & height (3D) simultaneously
- access and measure against manufacturer specifications
    - Although most manufacturer make/model specifications are available, some are not. When manufacturer specifications are not available, the system must be able to perform comparative measuring. This would typically apply to low production or early release vehicles.
- have the ability to verify correct frame specs are being utilized based on measuring a minimum of 3 underbody reference points, such as torque boxes
- have the ability to measure underbody while set up on a frame rack or bench
- have the ability to confirm alignment of entire vehicle structure
- be OEM recognized as an approved **measuring** tool
    - Sections 4.3 and 4.5 of the Collision Repair Program Guide should be considered when determining which equipment will work best with the vehicles typically repaired by your facility. Facilities should note that the capability to perform safe, proper repairs in accordance with manufacturer repair procedures includes training and equipment (see excerpt from section 4.5 of the Program Guide reproduced below).
- provide pre-repair and post-repair printed reports

ICBC does not endorse specific equipment or provide "approved" equipment lists. You should speak with your equipment supplier to understand your options and the pros and cons of each system you are considering.

Other considerations

When choosing equipment for your facility, you may wish to consider factors such as your mix of business and future plans. For example, do you repair more full frame vehicles compared to unibody?

- Some electronic measuring equipment is considered by OEM manufacturers as an *estimating* tool rather than a repair related *measuring* tool
- Manufacturers have their own equipment requirements that you should research if you are considering applying for OEM certifications
- Future requirements specific to ADAS sensor placement verification through electronic measuring should be understood

- Some systems provide point in time measuring, while other systems provide continuous measuring during the frame or structure repair process

Excerpt from Section 4.5 of the Collision Repair Program Guide

Prior to accepting any work, the Participant must determine whether their facility is capable of performing safe, proper repairs in accordance with the Manuals, and manufacturer repair procedures where applicable. If the Participant is incapable of doing so, the Participant must refuse the work. A Participant that circumvents ICBC Procedures or manufacturer repair procedures, where applicable, may be referred to the Suppler Conduct Committee, which may result in suspension of Program benefits or termination from the Program.