Today more than ever, the importance of creating an outstanding blueprint for automotive repair is an integral part of Proper and Safe repairs. Creating a roadmap of how the vehicle is going to be repaired provides the most accurate and efficient methods of repair and ensures that every standard operating procedure (SOP) is being met. In I-CAR’s Cycle Time class, they identify that “Doing a complete repair blueprint has been identified as a key to improving efficiency in a repair facility.”

Here Is A List of What We Recommend As The 10 Keys to Complete Estimating:

1. Have an SOP For the Estimating Process
   Develop a systematic approach to writing a complete estimate and ensure that it’s repeatable. Most importantly, follow it on each vehicle blueprint.

2. Training
   Take the time to be educated on today’s automobiles and the technology associated with them. Anyone who endeavors to repair an automobile should know how the system really functions before they can repair it. The same holds true for anyone that is tasked with writing a damage appraisal. If an estimator is not armed with the knowledge of how systems function or which parts are HSS or UHSS and what estimators are allowed or not allowed to do by a specific manufacturer, an estimator may not be able to write a complete estimate.

3. Pre-Scan
   The importance of doing a pre-scan or health check on every vehicle that comes into a facility will help ensure that every system is functioning as designed. Not doing a pre-scan is like going to the doctor and expecting him to know what’s ailing the patient without verbalizing any symptoms.

4. Photographs
Photographing everything around the vehicle is just as important as writing a good estimate. Pictures help ensure that everything on the vehicle is captured, including damage associated with the loss and any pre-existing damage. Documenting everything with a collision repair photo management tool helps remove doubt as to what the vehicle came into the facility with.

5. Know and Understand The Estimating Platform

Becoming an expert on the collision repair estimating software that repair facilities use not only makes an estimator more efficient, but assists in getting everything that is “Not Included” for the database a repair facility is using. The procedure pages have been commonly referred to in our industry as “the profit pages.”

6. Research and Access the OEM Repair Information

This is an important aspect of writing a repair blueprint. This includes any TSB’s, Technical Bulletins, OE Recalls and specific airbag replacement matrices that might exist. Without the knowledge of how the OE wants the vehicle repaired, it may be difficult to repair the vehicle correctly. Most of the time, repair facilities do an outstanding job of accessing repair procedures and writing an accurate damage appraisal. These OEM collision repair procedures should get into the hands of the ones actually doing the work and the repair technician!

7. Teardown

The teardown process helps the estimator see any hidden damages that can easily be overlooked with a simple repair plan without removing components. The best estimators in this industry do a complete teardown, photograph and write a complete blueprint.

8. Identify One-Time Use or Non-Reusable Components

There are a number of specialized fasteners and parts that certain manufacturers have deemed as non-reusable. Identifying these at the earliest stages of the estimating process will help ensure that a repair facility is not faced with supplements at the tail end of the repair process for parts that may be special order, or back-ordered, thus affecting the total cycle time.

9. Identify Any Needed Sublet

There may be instances where a repair facility may not have the necessary equipment or technician in-house with which to perform certain operations, and therefore will need to sublet those operations. Identifying these early helps ensure the most efficient cycle time on the entire repair.

10. Post-Scan

Just as important as the Pre-Scan is the Post-Scan—or final health assessment. Everything that a repair facility does on today’s automobile has the potential to set a fault code (DTC) or digital fingerprint. Even simply realigning a mirror or door handle may set a fault code. The post repair scanning process can help determine whether or not the repair process has been completed properly and safely. It’s at this point where a technician is able to clear any codes that were originally set during the collision or that may have been added through any touch points. Finally, it gives the repair facility the opportunity to provide a clean bill of health to their customer that will delight them in
knowing that their investment has been well taken care of.