

REVERSE ENGINEERING – HOW DO YOU KNOW?

Can It Be Reverse Engineered? Let's Find Out.

There are a series of fundamental questions required to determine IF a machine can be reverse engineered. It doesn't matter if it's a toaster, a Chevy Camaro or a printing press, it's the same 9 questions.

1

What is the machine/ equipment?

- Determine what make/model it is.
- Determine it's purpose.

2

How does it work?

- What does it do?
- How does it do that?

3

At first glance, is the machine an obvious total loss or can it be rebuilt?

- This is a professional gut check based on experience and surveying the situation.
- Your gut will likely say "Call ILC" if you haven't already.

4

Are qualified technicians available to provide the skill necessary to rebuild?

- This is a question that ILC's team answers within 24-48 hrs after being onsite.

5

Is rebuilding cost effective?

- Determine if the machine is obsolete.
- Determine the scope of repairs required to restore the machine.
- Determining a cost to rebuild takes ILC consultants 2-4 weeks or longer (as needed) to answer depending on the complexity of the machine and cost detail required.

6

Can the machine be rebuilt to pre-loss condition?

- Expertise is required to answer this question.
- ILC experts can help determine (across a range of depth and breadth).

7

Is there documentation available to complete the rebuild? If not can the documentation be recreated?

- Original Equipment Manufacturers (OEM's), owners or operations of the insured can usually provide this information.
- If this information is not available, ILC's team of experts recreate the new documentation.

8

Are parts available? Is the OEM still in business? Is the machine obsolete?

- Understand ACV / RCV to best determine if a rebuild is the right approach.
- Cost determination includes actuaries, accountants, machinery experts, like ILC's consultants.

9

Can it be rebuilt with a warranty?

- Providing a warranty requires understanding all that's involved: documentation, the ability to rebuild to pre-loss condition and ability to ensure future production.
- A warranty provides confidence in the repairs performed.