

# YOUR MACHINERY AND EQUIPMENT SPECIALISTS

## REVERSE ENGINEERING – HOW DO YOU KNOW?

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

Regardless of whether it is a coffee maker, a Chevy Camaro, or a printing press, nine essential questions need to be answered before a machine can be reverse engineered. These nine questions remain consistent across all types of equipment.

# 1

*What is the machine or equipment?*

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

# 2

*What does it do?*

- How does it do that?

# 3

*Does the machine appear to be a 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 with the skills to rebuild?*

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

# 5

*Is rebuilding a cost-effective solution?*

- Determine if the machine is obsolete.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.

**REQUEST A CONSULTATION**

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