

Recommended Tools & Supplies for Sump Leak Repairs

- **Cutting, Scraping, and Prying Tools** for removing existing rubber, plastic fitting components, bolts, old sealant, and previous fitting materials.



- **Deep Socket Set and Ratchet Wrench with Extension Bars (including Flexible Extensions)** for removing and replacing nuts on existing fittings, and for driving screws for replacement.



- **Hand Drivers** for Tek Screws – 3/8", Fitting Nuts – 7/16", and Bandclamps – 5/16" removal or placement.



- **Protectant Gloves & Acetone or 90 Proof Isopropyl Alcohol** for cleaning sump surfaces and priming split-fitting surfaces.



- **Disposable Absorbent Towels and Pads** for cleaning and drying sump, pipe, and fitting surfaces.



- **Heavy Abrasive Sanding Block or Sandpaper (40-60 grit)** for prepping sump surfaces.



- **Air Compressor, Attachments, and Pneumatic Tools** for air cleaning, cutting, drivers and grinding to clean or modify sumps, and for driving screws or drilling holes for repairs.



- **Large Adjustable Strap Wrench** for the removal of sump entry fitting housing compression nuts.



- **Manual or Pneumatic Dispensing Guns** for applying sealants, water block, fillers, and bonders. Usually identified in the Icon parts specification and product catalog.



- **10 lb Sandbags and a shortened Ratcheting “Cargo Bar”** for weighting and/or securing bonded sump repair materials until fully cured.



- **Expanding Foam/Sealant or “Backer Rod” Insulation Tubing** for “gap” filling prior to bonder or filler applications.



- **Personal Protection & Safety Equipment** is generally required and recommended at the sump site while doing repairs. Personal respirator filter, Type A, is specified when using Icon FastFuse fitting bonder without other ventilation when working in confined spaces.



- **OD Caliper or OD Measuring Tape, Angle Finder, and a common Tape Measure** for identifying OD or size of pipe and other surfaces, referencing angle of pipe, measuring sump fitting proximity and placement areas, and measuring sump risers for lid replacement. Accurate measurements are critical in the survey to the ordering of fitting and lid products.



- **Hand Drill Set** for small hole boring through sump surface or fittings to apply Icon FastFoam



- **Fiberglass Roller and UV Flashlight** for the installation of the Icon FastFix fiberglass patch kit.



Pictures of tools and brands shown in this document are for representation of type only, and not for sponsorship of any particular brand. All item types can be ordered and shipped with Icon sump repair part and materials if they are not readily available locally for your project. Contact Icon for more details and pricing.