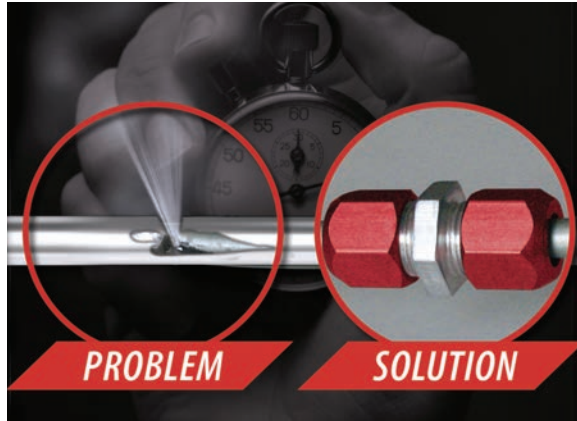


the *fast fix* for broken pipes and hoses

Smart Splice™ facilitates speedy repairs and modifications to pipes and hoses

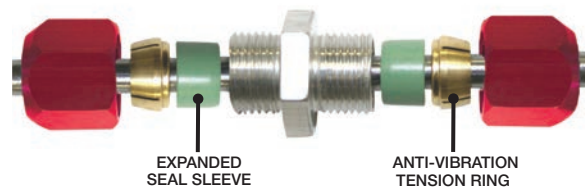
OE Approved | Burst tested to 2600 psi | 178 bar | 5 minute line repair



- **Repair** leaks, typically within 5 minutes
- **Make** emergency repairs
- **Modify** pipework
- **Connect** metal pipes to flexible hoses
- **Block-off** malfunctioning sections of A/C systems
- **Produce** & install your own refrigerant hoses and pipes
- **Add** or replace a service port
- **Angle** connections at 45°, 90° and straight line
- **Install** Mini-Splits faster - with no flaring, brazing or solder



10x more sealing power
PATENTED anti-vibration technology



Great for Transmissions | Power Steering | Air Conditioners | Refrigeration | Heat pumps and more

Really easy to use

Smart Splice fittings are available in SAE sizes from 5/16" to 7/8" and metric sizes from 8mm to 16mm.



Straight ▲



45° ▲



90° ▲

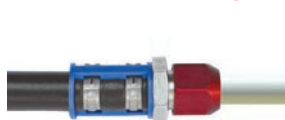


Inline service port ▲



Line terminator ▲

Line to hose fittings



Hose to hose fittings



Smart Splice™

Smart Splice line connectors, were developed in the USA for General Motors as a solution to automotive air conditioning leaks, and are now every technician's easy way to join and repair lines.

Precision engineering ensures airtight seals, efficient installation of new pipework and repair to damaged ones, reducing your labour time and costs.

The reliability and effectiveness of Smart Splice extends beyond automotive applications, providing durable line connection and repair solutions across various industries, including Refrigeration, commercial Air Conditioning, Heating, Mining and Military.

Along with sister products Recycle Guard and Compressor Guard, also developed for US Auto manufacturers, Smart Splice is made in the USA. Not having to wait for expensive parts in times of supply chain disruptions, means you can keep your customers happier too.

Smart Splice™ Automotive parts selection

AC78019

Smart Splice™ Pro-series transmission & PAS repair assortment

Line Splice Trans/PAS Tube to Tube/Hose to Tube Service Tray (16 Unique Repairs)



AC76049

Smart Splice™ Master Cabinet



AC76049P

Airco Service Master Cabinet with Smart Splice™



Straight - Repair damaged pipes quickly

AC76001	Smart Splice Straight Repair - 1/2" OD
AC76002	Smart Splice Straight Repair - 3/8" OD
AC76003	Smart Splice Straight Repair - 5/16" OD
AC76011	Smart Splice Straight Repair - 5/8" OD
AC76012	Smart Splice Straight Repair - 3/4" OD
AC77008	Smart Splice Straight Repair - 8mm O
AC77010	Smart Splice Straight Repair - 10mm OD
AC77012	Smart Splice Straight Repair - 12mm OD
AC77015	Smart Splice Straight Repair - 15mm OD
AC77016	Smart Splice Straight Repair - 16mm OD
AC77103	Smart Splice Straight Reducer - 12-10mm



Angled - Repair damaged pipes quickly

AC76062	Smart Splice 45° Repair - 3/8" OD line
AC76064	Smart Splice 45° Repair - 5/8" OD line
AC76071	Smart Splice 90° Repair - 1/2" OD line
AC76072	Smart Splice 90° Repair - 3/8" OD line
AC76074	Smart Splice 90° Repair - 5/8" OD line



45° A/C line to hose - repair larger segments

AC76713	Smart Splice 45° - 5/16" Line to #6 Hose
AC76712	Smart Splice 45° - 3/8" Line to #6 Hose
AC76711	Smart Splice 45° - 1/2" Line to #8 Hose
AC76714	Smart Splice 45° - 5/8" Line to #10 Hose
AC76715	Smart Splice 45° - 3/4" Line to #12 Hose



Line terminator - Block-off rear evaporators, maximise front A/C

AC76501	Line Blockoff Kit - 1/2" OD line
AC76502	Line Blockoff Kit - 3/8" OD line
AC76503	Line Blockoff Kit - 5/16" OD line
AC76504	Line Blockoff Kit - 5/8" OD line
AC76505	Line Blockoff Kit - 3/4" OD line
AC77508	Line Blockoff Kit - 8mm OD line
AC77510	Line Blockoff Kit - 10mm OD line
AC77512	Line Blockoff Kit - 12mm OD line
AC77515	Line Blockoff Kit - 15mm OD line
AC77516	Line Blockoff Kit - 16mm OD line



Line terminator block off kit assortments

AC76530	Line Terminator 10-pk 1 of ea. SAE & Metric
---------	---



Straight A/C line to hose - Repair larger segments of damaged line

AC76703	Smart Splice A/C - 5/16" Line to #6 Hose
AC76702	Smart Splice A/C - 3/8" Line to #6 Hose
AC76701	Smart Splice A/C - 1/2" Line to #8 Hose
AC76704	Smart Splice A/C - 5/8" Line to #10 Hose
AC76705	Smart Splice A/C - 3/4" Line to #12 Hose



A/C Barrier hose to hose - Quickly repair damaged hoses

AC76801	Smart Splice A/C - #6 Hose to #6 Hose
AC76802	Smart Splice A/C - #8 Hose to #8 Hose
AC76803	Smart Splice A/C - #10 Hose to #10 Hose
AC76804	Smart Splice A/C - #12 Hose to #12 Hose



Line splice assortments

AC76051	Line Splice Straight repair 10-Pack, 1 of each SAE & Metric
AC76052	Line Splice 45° repair SAE 4-Pack, 1 each 5/16, 3/8, 1/2, 5/8
AC76053	Line Splice AC90° repair SAE 4-Pack, 1 each 5/16, 3/8, 1/2, 5/8



90° A/C line to hose - repair larger segments

AC76723	Smart Splice A/C - 5/16" Line to #6 Hose
AC76722	Smart Splice A/C - 3/8" Line to #6 Hose
AC76721	Smart Splice A/C - 1/2" Line to #8 Hose
AC76724	Smart Splice A/C - 5/8" Line to #10 Hose
AC76725	Smart Splice A/C - 3/4" Line to #12 Hose



A/C service ports - Add, replace or re-position a service port R134a & R1234yf

AC76202	R134a Smart LP Service -T - 3/8" OD line
AC76204	R134a Smart LP Service -T - 5/8" OD line
AC77210	R134a Smart LP Service -T - 10mm OD line
AC77212	R134a Smart LP Service -T - 12mm OD line
AC77213	R134a Smart HP Service -T - 3/8" OD line
AC77220	R134a Smart HP Service -T - 10mm OD line
AC77228	R134a Smart HP Service -T - 8mm OD line
AC76242	R1234yf Smart LP Service -T - 3/8" OD line
AC76244	R1234yf Smart LP Service -T - 5/8" OD line
AC77240	R1234yf Smart LP Service -T - 10mm OD line
AC77242	R1234yf Smart LP Service -T - 12mm OD line
AC77245	R1234yf Smart LP Service -T - 15mm OD line
AC76233	R1234yf Smart HP Service -T - 3/8" OD line
AC76234	R1234yf Smart HP Service -T - 1/2" OD line
AC77231	R1234yf Smart HP Service -T - 10mm OD line
AC77238	R1234yf Smart HP Service -T - 8mm OD line



To repair a leak in pipework

- 1 Cut out the bad part of the pipe, clean the ends
- 2 Lubricate the seal sleeve, feed the nut, anti-vibration tension ring and seal onto the pipe
- 3 Push the Splice body onto the pipe and push the seal into the body
- 4 Push the tension ring down ensure the pipe is correctly seated in the Splice body)
- 5 Hand tighten the nut and repeat on the other side
- 6 Use a spanner to tighten both sides and you're done



What is the difference between the Smart Splice fittings for A/C hoses and the Smart Splice for transmission & power steering?

The A/C barrier hose has an internal lining to prevent leakage of the small molecules in refrigerant gases. The splice barbs have rounded barbs to prevent damage to the internal lining.

Transmission and PAS hoses carry hydraulic fluids, and do not have an internal lining, so they have conical barbs which bite into the hose.

Line connectors for HV-AC&R

Easily install, modify & repair without brazing

VRF & VRV | Mini-Split | New installations (eg mini-splits) | Modifications | Repairs

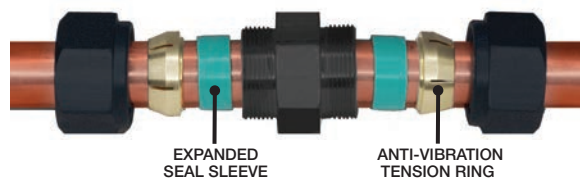
What Smart Splice could do for you:

- Repair leaking pipes in minutes
- Connect 2 lines – straight, 45°, 90°
- Connect lines to expanded tube/King valves
- Eliminate flaring in flare to line connections
- Install Mini-Splits faster without flaring
- Safer, faster, easier installation with just a spanner
- Terminate a line
- Add a service port connector
- Good for copper, aluminium & steel lines, even in combination
- Avoid brazing - no naked flame hazards

Other Smart Splice benefits and approvals:

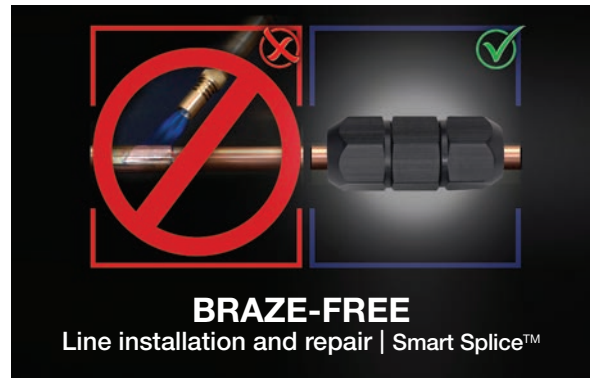
- UL Listed Refrigerant Fitting SA45993-20230130.
- UL109 Pull Test – UL109 Vibration Test
- UL1963 Gasket & Seals compliant
- Certified leak-free (<3g/yr)
 - Burst-tested to 2600 psi, 179 bar
 - Working Pressure - 55 bar, 800 psi.
 - Vacuum tested to 340 microns, pull tested to 1500 Pounds, 680kg
 - 10x more sealing area with our expanded HNBR seal sleeve
 - High-tech anti-vibration ring prevents vibration leaks
 - Compensates for out-of-round pipes
- Anti-corrosive

10x more sealing power PATENTED anti-vibration technology



- Compensates for Out-of-Round tubing
- Connect lines without brazing

The smart alternative to brazing and flaring



Speed up Mini-Split installations



also available upon request ▲

Stationary Air Conditioning and Refrigeration parts selection

Eliminate flaring, speed up equipment installations

AC86101	1/4" Flare to 1/4" OD Line Connector
AC86102	3/8" Flare to 3/8" OD Line Connector
AC86103	1/2" Flare to 1/2" OD Line Connector
AC86104	5/8" Flare to 5/8" OD Line Connector



Repair line damage, or connect new lines

AC86014	Smart Splice 1/4" OD Straight line Repair Kit
AC86002	Smart Splice 3/8" OD Straight line Repair Kit
AC86001	Smart Splice 1/2" OD Straight line Repair Kit
AC86011	Smart Splice 5/8" OD Straight line Repair Kit
AC86012	Smart Splice 3/4" OD Straight line Repair Kit
AC86013	Smart Splice 7/8" OD Straight line Repair Kit



Easily install equipment without brazing

AC86202	Expanded Tube 3/8" OD Line Connectors
AC86211	Expanded Tube 5/8" OD Line Connectors
AC86212	Expanded Tube 3/4" OD Line Connectors
AC86213	Expanded Tube 7/8" OD Line Connectors



Block off pipes to keep clean during installations and repairs

AC86501	Smart Splice 1/2" OD Line Terminator Kit
AC86502	Smart Splice 3/8" OD Line Terminator Kit
AC86504	Smart Splice 5/8" OD Line Terminator Kit
AC86505	Smart Splice 3/4" OD Line Terminator Kit





CONTAMINATED REFRIGERANT

SEALANT-FREE REFRIGERANT

AC2147A

Recycle guard A/C service equipment filters - captures contaminants, protects recycling equipment
A/C Recycle Guard 1/4" SAE - with 90cm service hose



AC2148

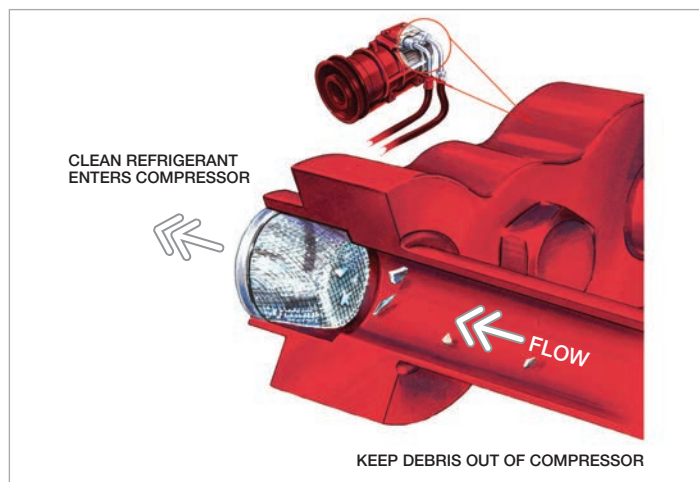
Replacement filter pack, singles

CompressorGuard

Compressor Guard suction filter screens

OE-approved protection for newly installed or repaired compressors

Prevents damage and warranty claims caused by debris and contaminants left behind by the failed compressor.



Compressor guard A/C filter screens - Protect compressors from particle debris in the system

AC2191	0.471" (11.96 mm) Filter Screen - Five Pack AC67502
AC2199	0.500" (12.70 mm) Filter Screen - Five Pack AC67528
AC2192	0.510" (12.95 mm) Filter Screen - Five Pack AC67504
AC2193	0.521" (13.23 mm) Filter Screen - Five Pack AC67506
AC2194	0.531" (13.49 mm) Filter Screen - Five Pack AC67508
AC2195	0.538" (13.67 mm) Filter Screen - Five Pack AC67510
AC2196	0.552" (14.02 mm) Filter Screen - Five Pack AC67512
AC2197	0.595" (15.11 mm) Filter Screen - Five Pack AC67514
AC2198	0.618" (15.70 mm) Filter Screen - Five Pack AC67516



GloLeak^{UV}
Fluorescent Leak Detection



NitroTrace™
Pressure leak testing & sensing system



HVACR sealpro®
Leak sealants for HV-AC&R



Purifier
Purifier: Sanitise & Deodorise



Leaktronic
Electronic Refrigerant & NitroTrace detection



snow leopard
technical lubricants
High Performance A/C Lubricants & Additives

