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# DUCT REPAIR KIT 4A (095090)

Part Number: S83-5202

## Installation Instructions

If the damaged duct is earthenware then remove the damaged length(s) back to sound duct.

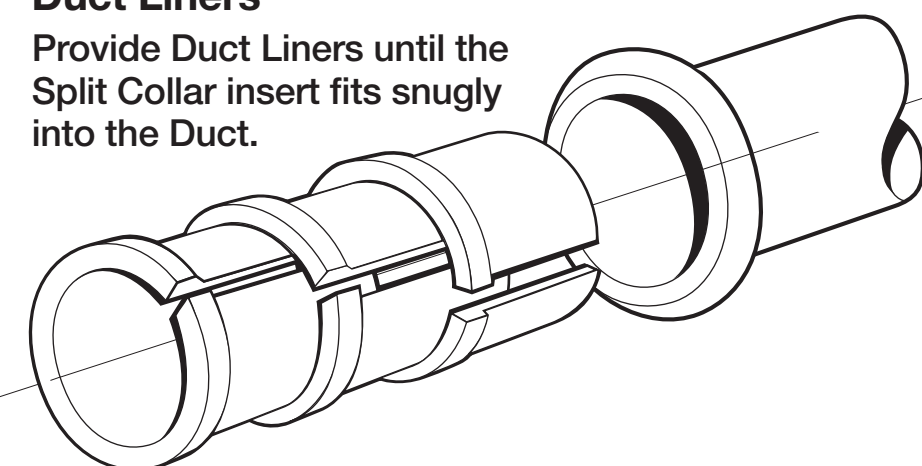
If the damaged duct is PVC-U then remove the damaged section and carefully trim both ends.

Proceed with the repair as illustrated below

## Duct Liners

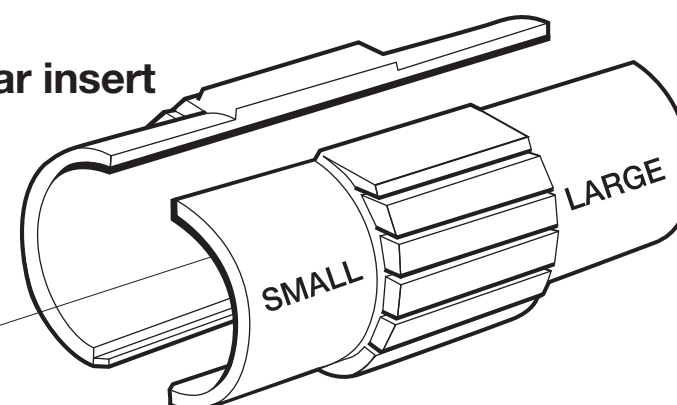
Provide Duct Liners until the Split Collar insert fits snugly into the Duct.

One end of the duct to be repaired

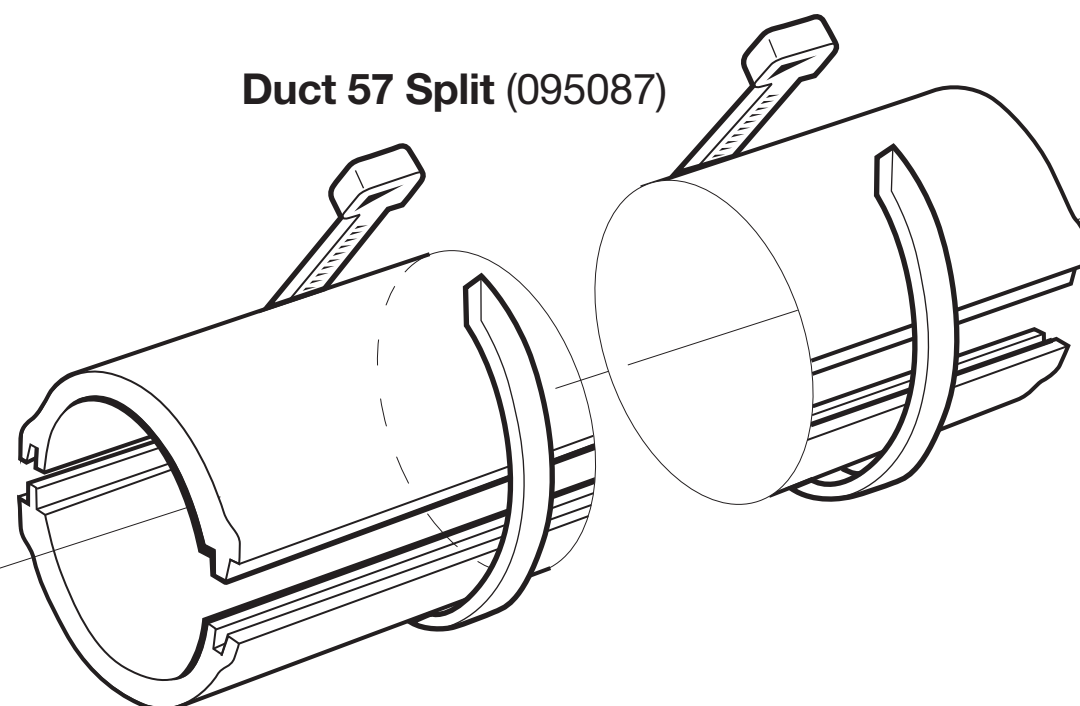


The combination of a split collar insert and up to three Duct Liners provides compatibility for Duct Bore Diameters from 98mm to 105mm inclusive in 1mm intervals. Note that the two Spigot Ends of the assembled Split Collar insert are **NOT** the same, being 98mm (small) and 105mm (large) Diameter respectively. Either Spigot will accept Duct 57 split.

## Split Collar insert



## Duct 57 Split (095087)



1. Tongue and Groove Duct sections clamped together with Straps Cable Fixing 10A, using Tensioner 8A (127234). Mills P/N S83-0947
2. Split Collar insert. Together with the Duct Liner(s) as required, this converts the Duct End into a Spigot to accept Split Duct.
3. Provide Duct Liners until the Split Collar insert fits snugly into the Duct.
4. By using either the 'small' or 'large' end of the Split Collar insert, together with up to 3 duct liners, a snug fit will be achieved in the duct being repaired.
5. Place the Split Collar insert around the cable and insert the end marked 'small' into one end of the duct and check for a snug fit. If the fit is sloppy then try the end marked 'large'. If neither end provides a good fit then add the Duct Liners until a snug fit is achieved using either end of the Split Collar insert.
6. Repeat the procedure at the other end of the damaged section.
7. Measure the distance between the two flanges of the Split Collar inserts and cut a corresponding length of Split Duct which is then placed over the spigot ends of the Split Collar inserts. Clamp the Split Duct together using Straps Cable Fixing 10A placed approximately 150 mm intervals. Tighten the Straps Cable Fixing 10A -Mills P/N S83-0896 using Tensioner 8A (Item Code 127234). Mills P/N S83-0947
8. If the length of the damaged section exceeds the 3m length of Split Duct, then lengths of Split Duct may be joined together using a Split Collar insert as a connector.

## Essential Tools and Replacement Consumables

BT 072422	S83-0896	Straps Cable Fixing 10A 12mm x 520mm
BT 079942	N21-1604	Hacksaw Blade 3A 300mm x 18 TPI
BT 079943	E22-6393	Hacksaw Frame 3 300mm
BT 093883	E00-4720	H/duty Side Cutters 160mm
BT 141728	E72-0617	Flush Cutters 130mm
N/A	P09-5003	Bosch Multi Tool
BT 127234	S83-0947	Tensioner 8a