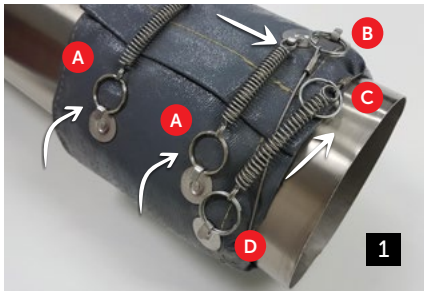




TECHNIQUES

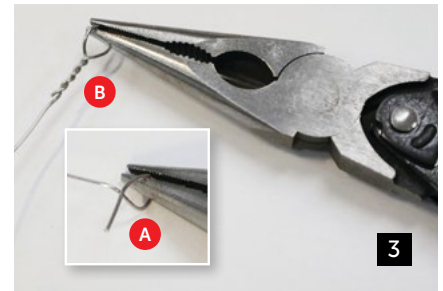
> SEE 2.2 TECHNIQUES IN BLANKETS USER GUIDE



SPRINGS Spring blanket together prior to fastening wire ends (A). Attach un-sprung end of the wire cable (B). Pull cable tight using attached keyring (C). Attach sprung end of wire cable (D).



OVERLAPPING SECTIONS Blanket pieces should be fitted to overlap those in a position prone to gravity effects. This ensures liquids/fluid/debris runs off to remove seepage and potential ignition.



TIE-WIRE LOOPS Twist the wire to make a loop (A). Twirl the wire around itself. Trim excess wire and ensure no sharp edges protrude (B).

INSTALLATION

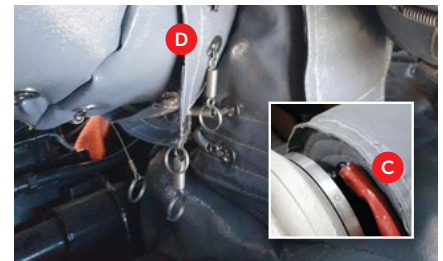
> SEE 2.3 INSTALLATION IN BLANKETS USER GUIDE



MANIFOLDS Attach tie wire end to anchor (A). Hold blanket against manifold. Feed wire behind manifold cylinder runners. Massage blanket to final shape. Loop wire around anchor, connect springs to anchors (B).



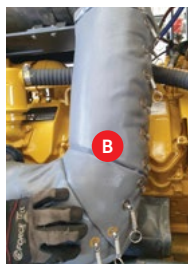
TURBOS Feed wire through spring keyring to work as a pull-wire (A). Open turbo shell (B). Slide blanket over turbo. Pat blanket to fit shape. Ensure oil line is outside the blanket to prevent overheating and oil line damage (C).



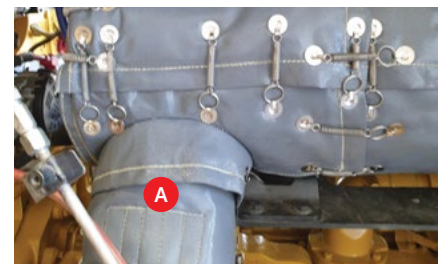
Connect springs on blanket. Remove pull-wire from keyring. Ensure blanket mates to manifold blanket, maximise coverage. Pat blanket into position. If the outlet flange cover is fitted ensure this section is outside engine pipe blankets (D).



ENGINE PIPES Open blanket and wrap around the pipe. Connect centre spring to hold blanket in place (A). Connect springs from centre outwards (B). Massage blanket to final shape for best coverage.



JUNCTIONS Open blanket and wrap around junction. Connect centre spring and work outwards connecting springs. Massage blanket to final shape for best coverage.



MUFFLERS Open blanket and wrap around muffler. Connect springs to anchors. Ensure inlet flange is installed over engine pipe cover (A). Massage blanket to final shape for best coverage.

FINALISING INSTALLATION

> SEE 2.4 FINALISING INSTALLATION IN BLANKETS USER GUIDE

- Ensure all blankets are fitted in the correct order
- Ensure a snug fitment is in place and maximise the coverage of blankets between sections
- Springs are connected and tie-wires secured

- Check blanket sections overlap to minimise fluids leaking into the lower section (consider gravity)
- Check for sharp tie-wire tails, trim as required
- Take photos of the installed blankets

NAME

SIGNED



BUILT TO PROTECT

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PRE-FITMENT

SEE 2.1 PRE-FITMENT IN BLANKETS USER GUIDE

- Tools required – Safety glasses, tie-wire, gloves, pliers
 - Aletek parts drawings are supplied with thermal blanket kits. The table on the drawing contains fitment order. This information is essential for a successful thermal blankets installation.
1. Ensure machine is isolated and locked out.
 2. Ensure correct PPE is worn (gloves, safety glasses).
 3. Complete a 'Take 5' safety check prior to starting.
 4. Inspect engine/pipes for holes/leaks before fitment.
 5. Open box and lay parts out, study enclosed drawing.
 6. Identify parts, place in working order (incl. springs).
 7. Follow parts drawing fitment order.

SERVICING & MAINTENANCE

SEE 3.0 SERVICING & MAINTENANCE IN BLANKETS USER GUIDE

A visual condition inspection is recommended monthly as part of your ongoing fire mitigation strategy.

- Examine thermal blankets for damage
- Inspect blankets for flammable fluid traces
- Ensure a snug fitment is in place and maximise coverage of blankets
- Check blanket sections overlap to prevent fluids leaking into lower section (gravity)
- Ensure all springs and tie-wires are connected
- Take condition report photos of the blankets

Service Actions

- Replace damaged/missing sections
- Assess contaminated sections (by flammable fluids) – clean or replace
- Refit loose blankets and maximise coverage
- Connect disconnected springs, replace broken or missing springs

Safety notice

- Protect staff against hexavalent chromium Cr(VI) yellow dust, wear appropriate PPE
- If Cr(VI) is identified safely remove and dispose of contaminated blankets, clean infected areas

Aletek recommend an annual site audit report to assess heat critical engine and exhaust components. This report will assess thermal blanket condition, make a booking with your Account Manager.

MAINTENANCE BEST PRACTISES

SEE 3.0 SERVICING & MAINTENANCE IN BLANKETS USER GUIDE

- Avoid walking on and excessive pressure to fitted blankets, sharp points underneath may pierce
- Ensure adequate clearance around fitted blankets to avoid premature wear (e.g. engine bay doors closing on blankets, hoses rubbing on blankets)
- High pressure cleaners may cause surface damage to thermal blankets
- Report any spillages of oil or grease during servicing and maintenance
- Caution: Avoid starting machines with wet thermal blankets as excessive steam may appear and create the illusion of an engine fire
- Avoid cleaning blankets with degreasers as some may have flammable properties
- Some chemicals may damage blankets and could pose a fire hazard

THERMAL BLANKET REPLACEMENT

SEE 3.0 SERVICING & MAINTENANCE IN BLANKETS USER GUIDE

When replacing thermal blankets wear required PPE including gloves, safety glasses and a dust mask. If blankets are soaked in oil, diesel or coolant it is next to impossible to remove all traces of contaminants. Aletek recommends replacement as best practise.

- Damaged and excessively worn thermal blankets should be replaced
- When a blanket can no longer serve its intended purpose it should be replaced
- If oil, diesel or coolant pipes leak or burst and contaminate the blankets a thorough inspection should be conducted before clearing the machine for work



GLOBAL HQ
Queensland, Australia
sales@aletek.com.au
aletek.com
1300 886 628

AUSTRALIA
New South Wales
Queensland
Victoria
Western Australia

NORTH AMERICA
California
Colorado
1 833 232 2073

LATAM
Chile
Colombia
Peru
+57 (313) 4855769

INDONESIA
Jakarta
Balikpapan
Surabaya
Batam
+62 542 3000 018