

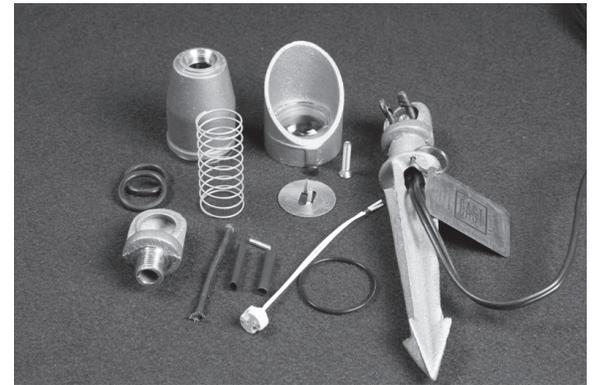
Socket Replacement Kit – MR16 (XCCBLR1)

Tools Required

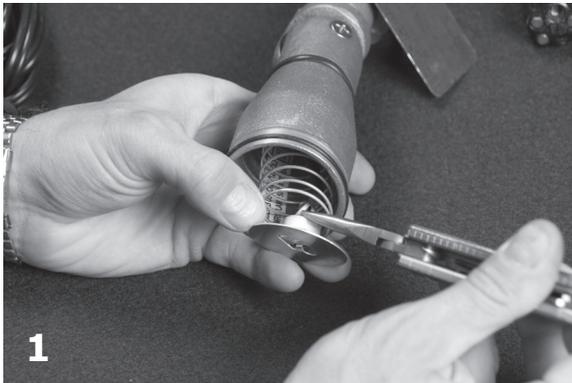
1. Phillips Head Screwdriver
2. Needle-Nose Pliers
3. Wire Cutters
4. Automatic Wire Strippers (CASTSTRIP1)
5. Crimping tool
6. Heat Gun
7. High Temp Bearing Grease

CAST CBL1CB Socket Repair Kit Components

1. MR-16 Socket (1-XCESMR161)
2. 2" pieces 3/16" Heat Shrink (3-XCEWEPS300316)
3. O-rings (2-XCORAS568320, 1-XCORAS568136)
4. Butt Crimp (3-XCEW92S)
5. 4" Piece Fiberglass Sheathing (1-XCEW710C12)



Bullet parts.

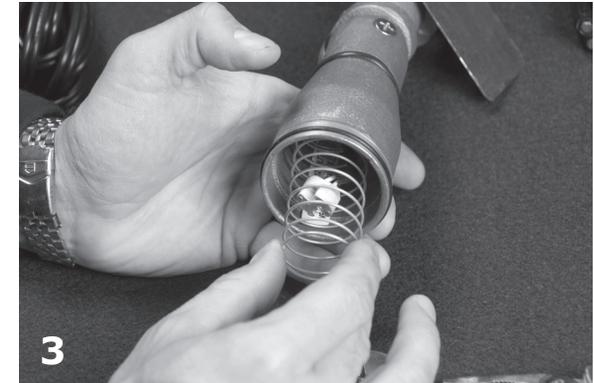


1

Remove shroud and heat reflector.



2



3

Remove spring.



4

Unscrew vase from knuckle.



5

Remove O-ring and place aside.



6

Unscrew and remove knuckle screw.



7 Separate knuckle pieces.



8 Push socket wire into knuckle.



9 Cut wire junction on wire-side of crimp.



10 Repeat with other wire.



11 Cut both white wires at junction.



12 Remove O-ring.



13 Pull fixture wire from knuckle.



14 Remove old socket from insulation sleeve.



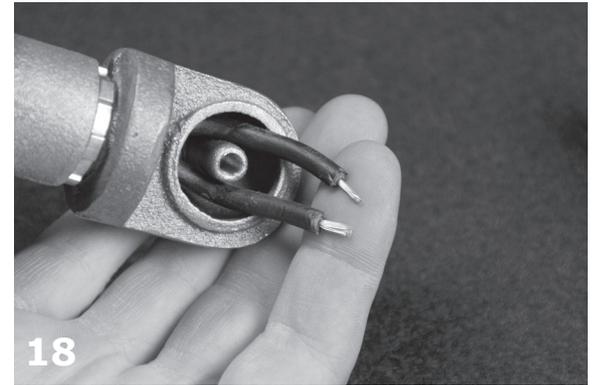
15 Grasp bottom part of knuckle.



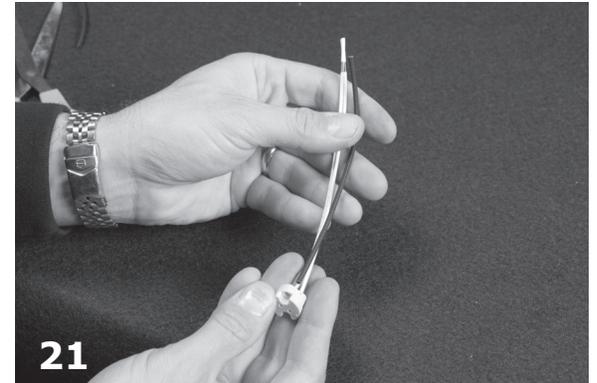
Using pliers, remove old heat shrink.



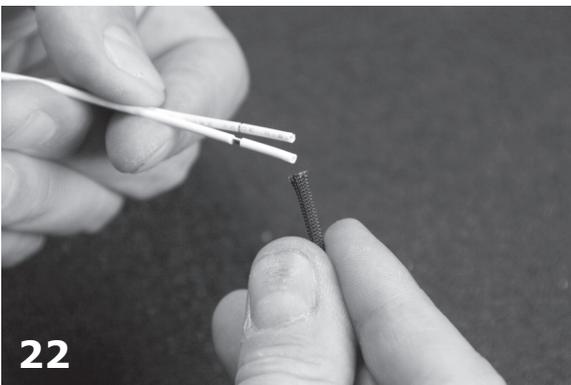
Strip wires.



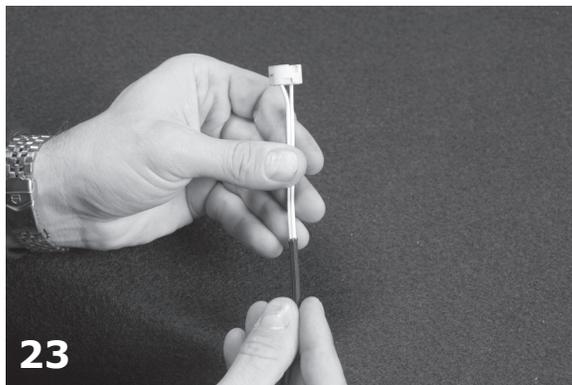
Slip O-ring over top part of knuckle.



Grasp new socket and straighten wires.

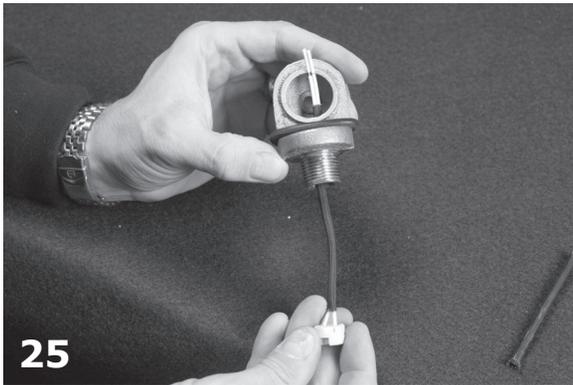


Insert both wires into insulation sleeve.



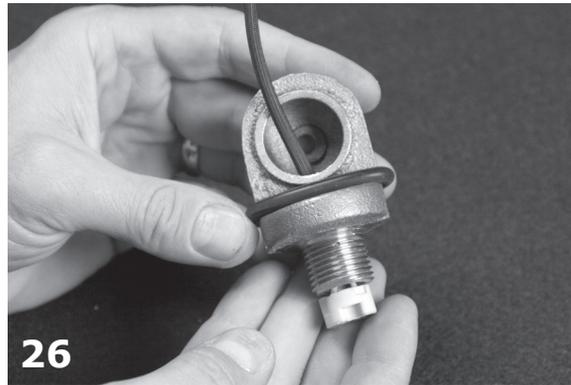
Slide insulation sleeve as far as it will go.





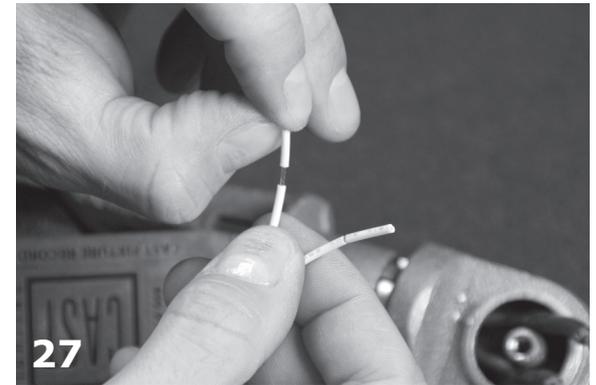
25

Insert socket wire into knuckle top.



26

Pull wire until socket rests against knuckle.



27

Remove wire insulation tips.



28

Trim bare socket wire to same length as lead wire.



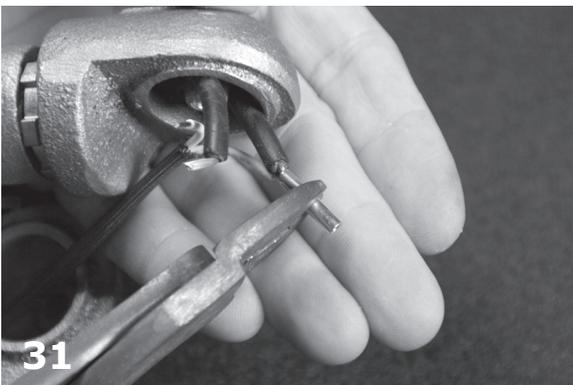
29

Slide crimp barrel over bare wire ends.



30

Using crimp tool, crimp barrel over wire ends.



31

If barrel crimp extends past crimp, trim it.



32

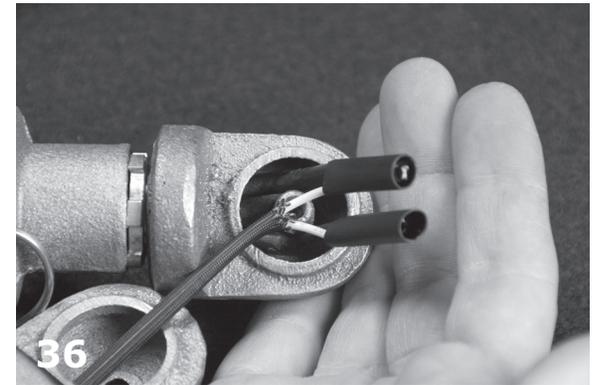


33

If crimp edge is sharp, file it smooth.



Slip heat shrink tube over crimp and wire.



Repeat steps with other wires.



Apply heat gun evenly to heat shrink.



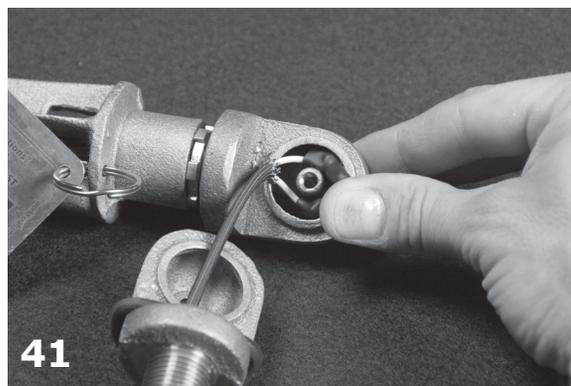
While heat shrink is still hot, go to next step.



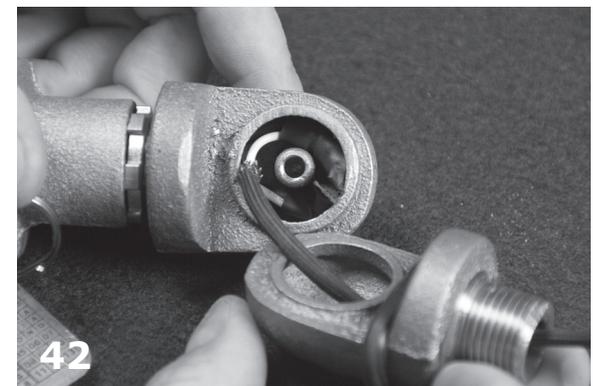
Using plier, compress heat shrink past crimp.



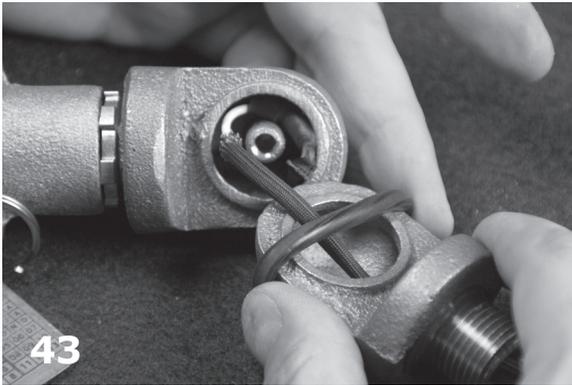
Trim excess heat shrink



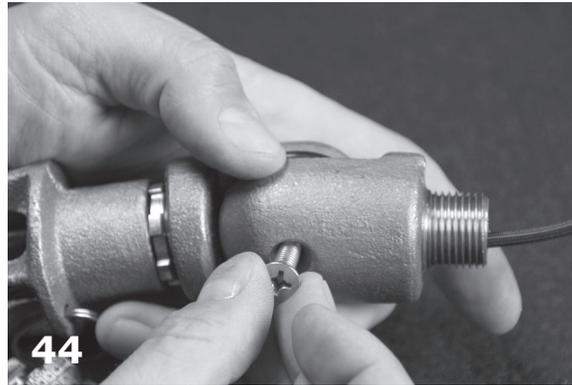
Press crimps into wire channel.



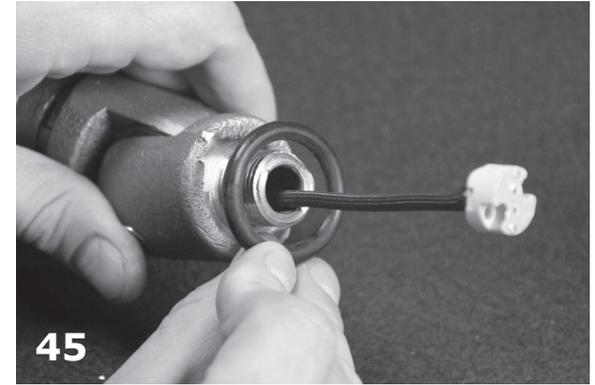
Retract socket wire to allow reassembly.



43 Slide O-ring over knuckle into place.



44 Re-insert screw and tighten.



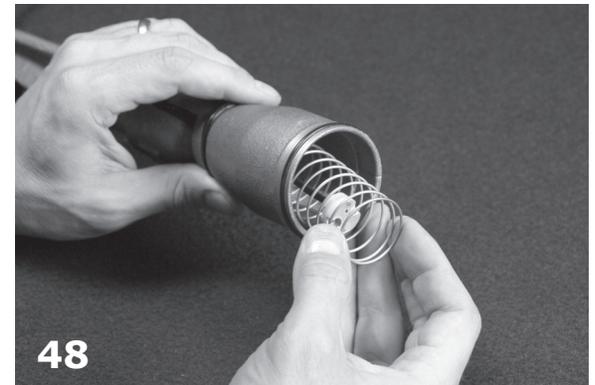
45 Place O-ring on knuckle.



46 Screw vase onto knuckle.



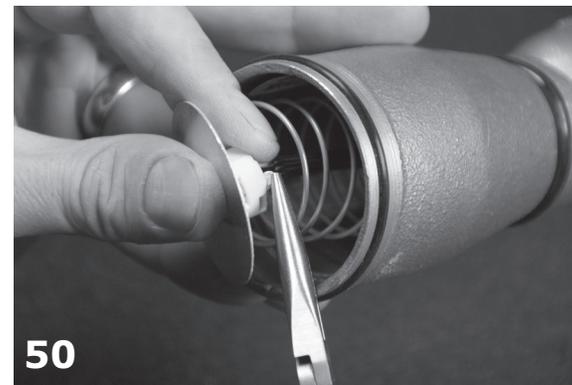
47 Socket head should be able to rest on lip.



48 Re-insert spring.



49 Insert heat reflector into socket head.



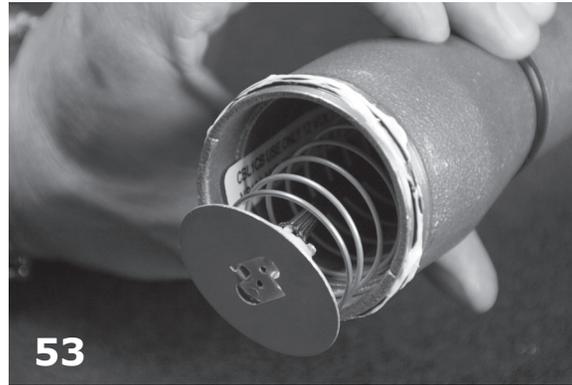
50 Using pliers, bend back tabs.



51 Bearing grease.*



Apply grease to O-ring.



Grease should cover entire O-ring



Before applying shroud, retract set screw so it does not extend past inside shroud surface.



This is the correct position of set screw.



Completed repair.