

D-COLLAR

MULTI-FUNCTION OBJECTIVE STOP RING

(PATENT PENDING)



LEGACY RETAINER SHOWN IN ORANGE (UNACCESSIBLE)

BACKGROUND:

IN THE EVENT THE PVS-14 (FAMILY OF MONOCULARS) REQUIRES REPLACEMENT OF THE OBJECTIVE LENS, OBJECTIVE LENS O-RING (A TYPICAL PURGE FAILURE POINT) OR CLEANING OF EITHER THE IMAGE TUBE FACE OR OBJECTIVE LENS REAR FACE-THE ENTIRE PVS-14 MONOCULAR MUST BE DISASSEMBLED. THIS INCLUDES REMOVING THE EYEPiece, TUBE RETENSION RING, IMAGE TUBE AND LOWER MONOCULAR HOUSING (BATTERY MODULE). THIS IS REQUIRED TO REACH THE OBJECTIVE LENS RETAINING SPANNER RING.

LOGISTICS BURDEN:

SHOULD THE PVS-14 REQUIRE ANY STANDARD OR DAMAGE REPAIR/MAINTENANCE OF THE FRONT OPTICS THE ENTIRE DEVICE REQUIRES DISASSEMBLE, CLEANING AND REASSEMBLY-FOLLOWED BY POST ASSEMBLY INSPECTION. IF ANY FRONT END ISSUES REMAIN SUCH AS A LEAK OR FOULED OPTICS, THE FULL PROCESS MUST THEN BE REPEATED. THE D COLLAR WILL ALLOW THIS PROCESS TO TAKE SECONDS NEARLY ANYWHERE IN LIEU OF 30-60 MINUTES WITHIN A OPTICALLY FRIENDLY ENVIRONMENT.

ENVIRONMENTALS:
MILSPEC MATERIAL/FINISH

HIGH FLEXIBILITY:
WEAPONS MOUNT/OBJECTIVE STOP

LOGISTICS:
REQUIRES INITIAL MODIFICATION

MATERIAL:
6-4 TITANIUM

ADAPTABILITY:
ALLOWS ALL TYPICAL INDUSTRY ACCESSORIES



OBJECTIVE LENS SHOWING INTERNAL RETAINING RING (NOT ACCESSIBLE WITHOUT FULL MONOCULAR DISASSEMBLY)

SPECIFIC MASS:
COLLAR WEIGHT: 9G

ADVANTAGES:
MULTI-FUNCTIONAL

INTERFACE:
ANY STANDARD PVS-14 TYPE

SURFACE FINISH:
TYPE III/CERACOAT (OPTIONAL)

COMPATIBILITY:
ADAPTIVE TO LEGACY PVS-14 TYPE MONOCULAR



D-COLLAR RETROFITTED ON PVS-14

EXECUTION:

THE D-COLLAR CAN BE INITIALLY INSTALLED ON ANY NEW ISSUE PVS-14 WITH MINOR MODIFICATION OR BE INSTALLED ON CURRENT USE MONOCULARS WITH A RETROFIT MODIFICATION PERFORMED BY A COMPETENT NIGHT VISION TECHNICIAN. THIS IS A ONE-TIME MODIFICATION NOT EFFECTING ANY OTHER COMPONENTS OR USE OF THE DEVICE.

ENHANCED CAPABILITIES:

THE D-COLLAR WILL ALLOW ACCESS TO THE OBJECTIVE LENS, O-RING AND IMAGE TUBE FACE WHILE ALSO PROVIDING A TITANIUM ANCHOR POINT FOR VARIOUS WEAPON MOUNTS, BRIDGING DEVICES OR CO-OPTICAL ATTACHMENT POINTS WITHOUT PLACING UNDO STRAIN ON THE LEGACY PLASTIC OR ALUMINUM OBJECTIVE STOP RING.



D-COLLAR INSTALLED (OPTIONAL SHOE SET)