

## NISSAN VQ HEAD BOLTS

11056-31U10 VQ30DE / VQ35DE 03+ ALL JAPANESE PRODUCTION  
11056-31U00 ALSO USED BUT NO LONGER AVAIL



ONE DOT



26 HC ROCKWELL

#1



NO DOT



11056-7Y000 VQ35DE / VQ40DE 04+ US PRODUCTION ONLY  
31 HC ROCKWELL

#2



TWO DOTS



11056-JK20A VQ35HR

36 HC ROCKWELL

#3

HIGHEST TENSILE STRENGTH & 3MM LONGER (3 ADDITIONAL ENGAGED THREADS)  
CAN BE USED ON VQ35DE WHEN UPGRADING TO HR GASKETS  
(SEE REQUIRED BLOCK MODIFICATION TO BACK DATE HR GASKETS)



"T"



11056-1KCOA MR16DDT JUKE

36 HC ROCKWELL

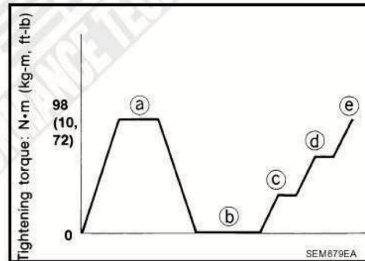
#4

JUKE BOLTS HAVE BEEN FOUND TO HAVE A MORE CONSISTENT YIELD ZONE THAN THE CURRENT (2014) INVENTORY OF VQHR BOLTS AVAILABLE FROM NISSAN AND ARE THE CURRENT BEST CHOICE. THIS BOLT IS SLIGHTLY LONGER, BOTTOM TAP VQDE BLOCKS VQHR IS OK. MUST USE GREASE UNDER WASHER SURFACE FOR SMOOTH TORQUE UP.

### VQ35DE / VQ40DE (BOLT #1 & #2)

- Step a : 98 N·m (10 kg-m, 72 ft-lb)
- Step b : Loosen in the reverse order of tightening.
- Step c : 39.2 N·m (4.0 kg-m, 29 ft-lb)
- Step d : 90° clockwise angle tighten
- Step e : 90° clockwise again

### 5 STEP TORQUE TO YIELD



NOTE: STEPS A AND B HELP SET THE GASKET AND WORK HARDEN BOLTS TO INCREASE STABILITY IN THE YIELD ZONE. NEW BOLTS ARE RECOMMENDED ON EACH TEAR DOWN.

### VQ35HR (BOLT #3) ALSO WHEN USED ON VQ30/35/40DE

- Step a : 105 N.m (11 Kg-m, 77 ft-lb)
- Step b : Loosen in the reverse order of tightening.
- Step c : 39.2 N.m (4.0 Kg-m, 29 ft-lb)
- Step d : 95° clockwise angle tighten
- Step e : 95° clockwise again

### JUKE (BOLT #4) FITS HR UNMODIFIED (NEED TO BOTTOM TAP BLOCK THREADS TO WORK IN VQ30/35DE/40DE).

- Step a : 40 N.m (4.1 Kg-m, 30 ft-lb) plus 100° clockwise
- Step b : Loosen in the reverse order of tightening.
- Step c : 40.0 N.m (4.1 Kg-m, 30 ft-lb)
- Step d : 95° clockwise angle tighten
- Step e : 95° clockwise again