



# 6.4L HEMI VVT 228

GEN III 2009+ HEMI 6.4L APPLICATIONS

|                           |         |                        |         |
|---------------------------|---------|------------------------|---------|
| INTAKE DURATION @.050"    | 228 °   | ROCKER ARM RATIO       | 1.65 :1 |
| EXHAUST DURATION @.050"   | 24X °   | NET LIFT INTAKE        | 0.611 " |
| LOBE LIFT INTAKE          | 0.370 " | NET LIFT EXHAUST       | 0.609 " |
| LOBE LIFT EXHAUST         | 0.369 " | LOBE SEPARATION ANGLE  | 111 °   |
| INTAKE LOBE LIFT @ T.D.C. | 0.065 " | ACTUAL SPECS MAY VARY* |         |

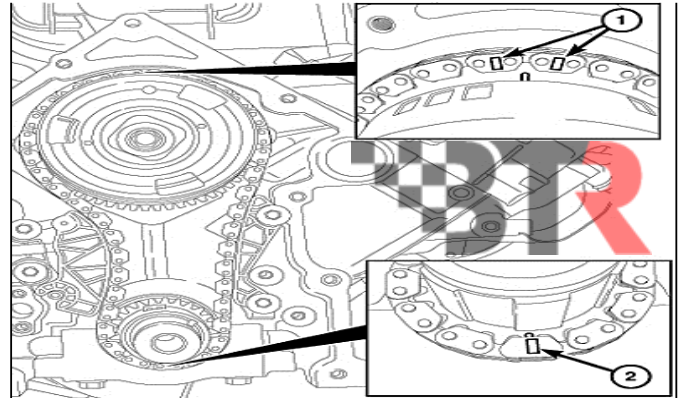
REV.0

|  |      |      |      |      |      |                                  |      |      |      |      |      |      |       |
|--|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|-------|
| <b>SEE TIMING CHAIN DIAGRAM AND HEMI RELATED TOOLS ON REVERSE SIDE</b> |      |      |      |      |      |                                  |      |      |      |      |      |      |       |
| <b>VVT LIMITER REQUIRED: BTR-VVT-HEMI-4CAM</b>                         |      |      |      |      |      | <b>CAM SKU: BTR-64HEMIVVT228</b> |      |      |      |      |      |      |       |
| <b>VVT TARGET TABLE (HolleyEFI Style)</b>                              |      |      |      |      |      |                                  |      |      |      |      |      |      |       |
| RPM  | 4000 | 4250 | 4500 | 4750 | 5000 | 5250                             | 5500 | 5750 | 6000 | 6250 | 6500 | 6750 | 7000+ |
| VVT CRANK DEG  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0                              | 0.0  | 0.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0   |

| HEMI VALVETRAIN TOOLS |                                    |
|-----------------------|------------------------------------|
| PART NUMBER           | DESCRIPTION                        |
| BTR-VVTHEMITOOL       | HEMI VVT LIMITER INSTALLATION TOOL |
| BTR-HEMISPRINGTOOL    | HEMI VALVE SPRING COMPRESSOR TOOL  |

| HEMI TIMING CHAIN ORIENTATION   |
|---|
| (1) THE DOUBLE MARKED LINK OF THE CHAIN MATCHED TO THE CAMSHAFT SPROCKET MARK (TWELVE O' CLOCK POSITION).           |
| (2) THE SINGLE MARKED CHAIN LINK MUST BE ALIGNED TO THE TIMING MARK ON THE CRANKSHAFT GEAR (SIX O' CLOCK POSITION). |

| TORQUE SPECIFICATIONS        |              |
|------------------------------|--------------|
| CAMSHAFT PHASER BOLT         | 72 FT/LBS    |
| CAMSHAFT RETAINER PLATE BOLT | 106 INCH/LBS |



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