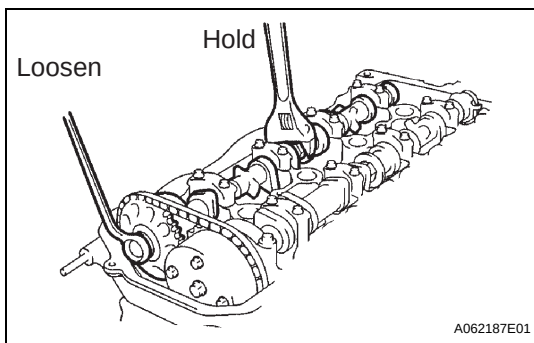
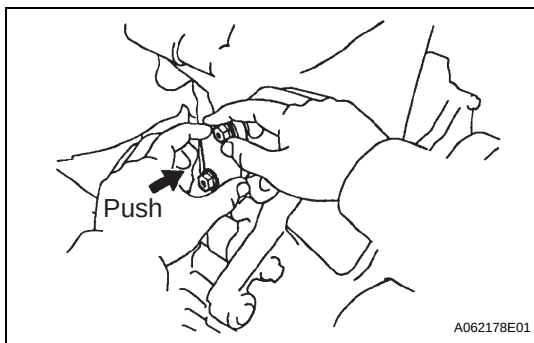
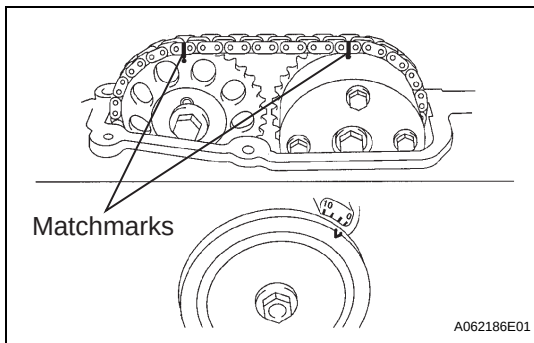


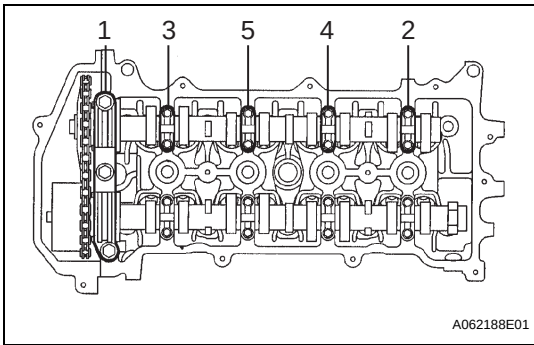
REMOVAL

1. **DISCONNECT BATTERY NEGATIVE TERMINAL**
2. **REMOVE ENGINE UNDER COVER RH**
3. **REMOVE CYLINDER HEAD COVER NO.2**
 - (a) Remove the cylinder head cover No. 2 (See page [EM-15](#)).
4. **REMOVE IGNITION COIL ASSEMBLY**
 - (a) Remove the ignition coil assembly (See page [EM-15](#)).
5. **REMOVE CYLINDER HEAD COVER SUB-ASSEMBLY**
 - (a) Remove the cylinder head cover sub-assembly (See page [EM-15](#)).
6. **SET NO. 1 CYLINDER TO TDC / COMPRESSION**
 - (a) Set the No. 1 cylinder to the TDC/compression (See page [EM-15](#)).
7. **REMOVE NO.2 CAMSHAFT**
 - (a) Place matchmarks on the timing chain and camshaft timing gears as illustrated.

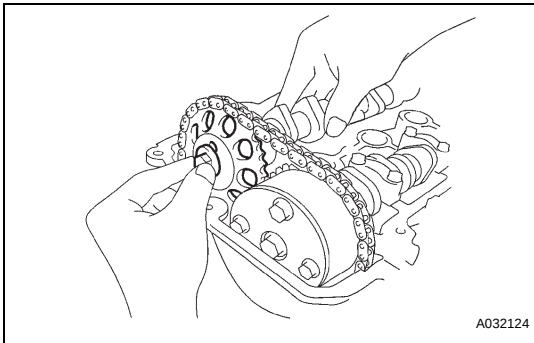


- (b) Remove the 2 nuts, then remove the chain tensioner.
NOTICE:
Do not turn the crankshaft without the chain tensioner.

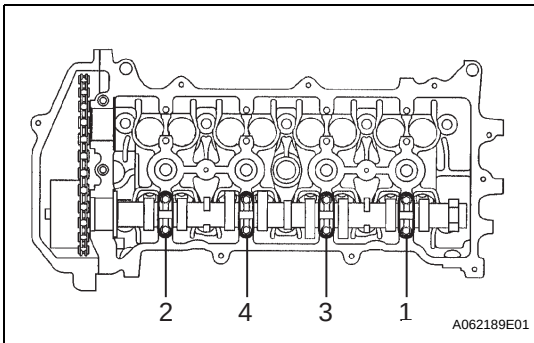
- (c) While holding the camshaft with a wrench, loosen the camshaft timing gear set bolt.
NOTICE:
Be careful not to damage the valve lifter.



- (d) Using several steps, uniformly loosen and remove the 11 bolts in the sequence shown, then remove the 5 bearing caps.

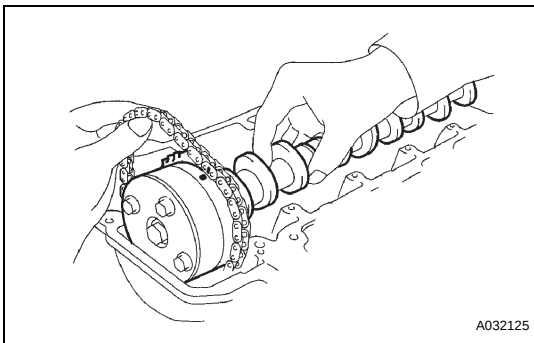


- (e) Remove the camshaft timing gear as shown in the illustration.

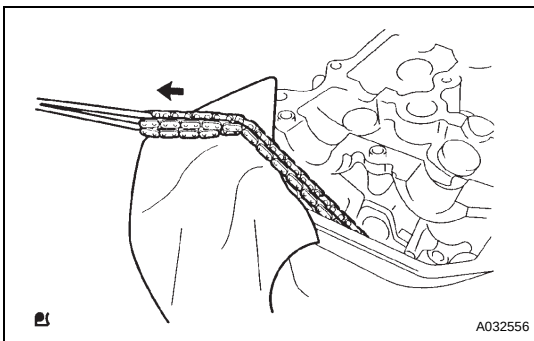


8. REMOVE CAMSHAFT

- (a) Using several steps, uniformly loosen and remove the 8 bolts in the sequence shown, then remove the 4 bearing caps.



- (b) Remove the camshaft and camshaft timing gear while holding the timing chain by hand.



- (c) Tie the timing chain with a string as shown in the illustration.

NOTICE:

Be careful not to drop anything inside the timing chain cover.