

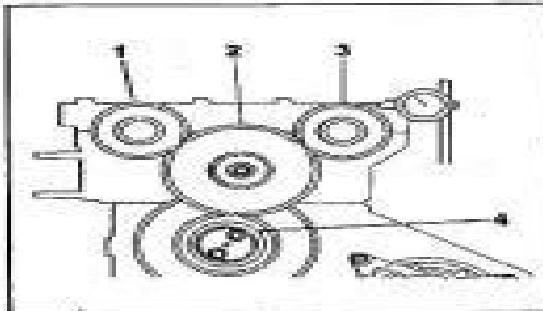
## Распределительные валы

### Снятие

#### Приемы работы:

- При снятии распределительных валов пользуйтесь сборочным рисунком.
- Обратите внимание на операции, предотвращающие износ.

1. Проверьте зазор в зондлении между шестернями распределительного вала и промежуточной шестерней.



1, 3 - шестерня распределительного вала, 2 - промежуточная шестерня головки блока, 4 - промежуточная шестерня.

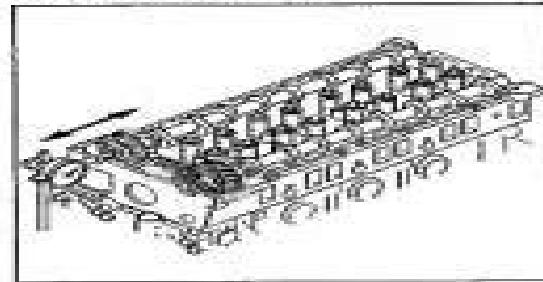
Промежуточная шестерня головки блока и шестерня распределительного вала:

номинальный зазор	0,09 - 0,12 мм
максимальный зазор	0,30 мм

Промежуточная шестерня головки блока и промежуточная шестерня:

номинальный зазор	0,11 - 0,14 мм
максимальный зазор	0,30 мм

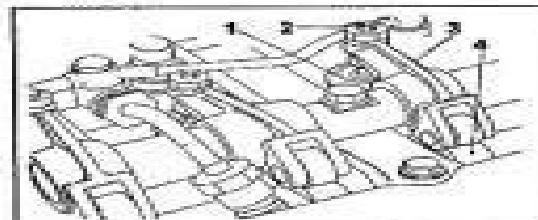
2. Измерьте осевой зазор распределительного вала.



Осевой зазор распределительного вала:

номинальный	0,10 - 0,20 мм
максимальный	0,30 мм

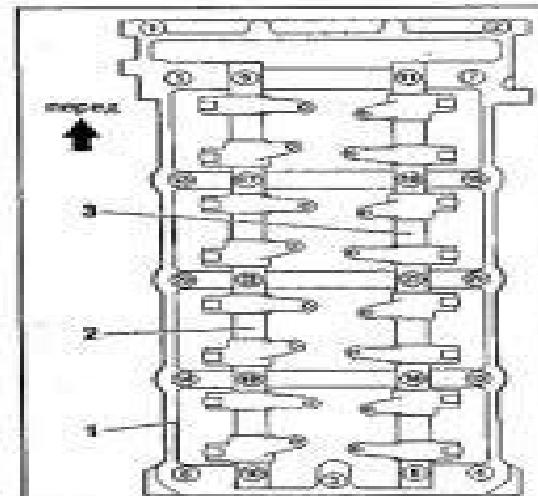
Осевой зазор промежуточной шестерни:



1 - пружина клапана, 2 - регулировочный винт, 3 - коромысло, 4 - распределительный вал.

4. Снимите крышки подшипников распределительного вала.

а) Выверните 23 болта в последовательности, указанной на рисунке.



1 - крышка подшипников распределительного вала, 2, 3 - оси коромысел с коромыслами в сборе.

б) Снимите оси коромысел и крышки подшипников распределительного вала.

### Проверка

1. Проверьте зазор между распределительным валом и шестерней. По разности диаметров шестерни и распределительного вала определите зазор.

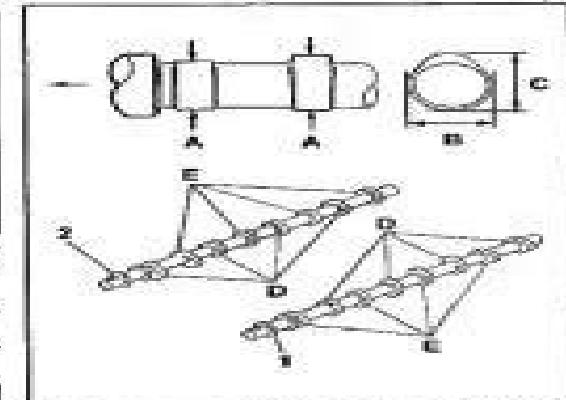
Номинальный зазор ..... 0,09 - 0,14 мм

Максимальный зазор ..... 0,30 мм

Минимальный зазор ..... 0,05 - 0,08 мм

Максимальный зазор ..... 0,35 мм

Минимальный зазор ..... 0,05 - 0,08 мм



1 - распределительный вал выпускных клапанов, 2 - распределительный вал выпускных клапанов, А - место проведения измерений, В - диаметр начальной окружности, С - высота купачка, D - купачок, контактирующий с коронкой коромыслом, Е - купачок, контактирующий с длинным коромыслом.

Приемы работы: купачки "Е" и "Д" отключаются разнодиаметрами.

Распределительный вал выпускных клапанов:

Купачки, контактирующие с длинным коромыслом:

Разность между высотой купачка и диаметром начальной окружности: номинальная ..... 7,157 мм

максимальная ..... 7,107 мм

диаметр начальной окружности ..... 42,157 мм

Купачки, контактирующие с коротким коромыслом:

Разность между высотой купачка и диаметром начальной окружности: номинальная ..... 8,202 мм

максимальная ..... 8,152 мм

диаметр начальной окружности ..... 44,202 мм

Симметрия начальной окружности ..... 35 мм

Распределительный вал выпускных клапанов:

Купачки, контактирующие с длинным коромыслом:

Разность между высотой купачка и диаметром начальной окружности: номинальная ..... 7,217 мм

максимальная ..... 7,167 мм

диаметр начальной окружности ..... 42,217 мм

Симметрия начальной окружности ..... 35 мм

Купачки, контактирующие с коротким коромыслом:

Разность между высотой купачка и диаметром начальной окружности: номинальная ..... 8,279 мм

максимальная ..... 8,229 мм

диаметр начальной окружности ..... 44,279 мм

Симметрия начальной окружности ..... 35 мм

Логотипы: **ОДИО** **БИГ** **БИГ БИГ** **БИГ БИГ БИГ**

# 4m51 Engine Manual

**Chilton Automotive Books, The  
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Anon,2016-04-28    The Complete Ford Flathead V8 Engine Manual Ron Caridono,1995    **MGB** John Harold Haynes,1971  
  *4 Cycle Engine Manual* Sears,1977    **Engine Code Manual** Chilton Automotive Books,The  
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  *Industrial Engine Service Manual for 2700 Range Engines* Ford Motor Co., Ltd,Ford Motor Company Ltd,1966    **The Oil Engine Manual** P.P. - London. - Oil Engine,1950    **Multi Engine Manual** Jeppesen,2001    *Holden Four Cylinder Engine Service Manual* General Motors-Holden Limited. Service Division,    *The Oil Engine Manual. Third Edition* Denys Stephen Dodsley WILLIAMS (and SMITH (J. Millar)),J. Millar SMITH,1944    *The Oil Engine Manual. Second Edition* Denys Stephen Dodsley WILLIAMS (and SMITH (J. Millar)),J. Millar SMITH,1941    **Hillman Hunter Owner's Workshop Manual** John Harold Haynes,David Horsfall Stead,1971    **The Oil Engine Manual. Fourth Edition** Denys Stephen Dodsley WILLIAMS (and SMITH (J. Millar)),J. Millar SMITH,1945

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