

FICHE TECHNIQUE

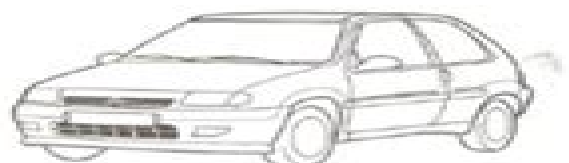
REVUE TECHNIQUE automobile

JULI/AOÛT 1999 N° 619

CITROËN Saxo 1.6i 16V VTS

Type Moteur :
Puissance administrative :

SDNFXF
8



MOTEUR

Essence 4 temps, 4 cylindres en ligne vertical disposés transversalement à l'avant.
Type : TU5J4/1.3 (9V10).
Alésage x Course : 78,5 x 82 mm.
Cylindrée : 1 587 cm³.
Rapport volumétrique : 10,8 à 1.
Pression de compression : 13 à 15 (mini) : NC.
Puissance max :
- CEE : 87 kW à 5 600 tr/min.
- DIN : 82 kW à 5 600 tr/min.
Couple max :
- CEE : 14,5 daN.m à 5 200 tr/min.
- DIN : 15 m.kg à 5 200 tr/min.
Lubrification :
Pression d'huile (huile à 90°C)
- à 2 000 tr/min : 3 bars.
- à 4 000 tr/min : 4 bars.

Réfrigérissement

Thermostat
Début d'ouverture : 88°C.
Press. ouverture : NC.
Course du clapet : NC.

Thermostat de motorventilateur ou boîtier (2 motorventilateurs à 2 vitesses avec clim.)
Enclenchement :
- sans clim. : 92/101°C.
- avec clim. : 96/101°C.
Démarchement : NC.

Courroie pompe eau
Courroie crantée commune à la distribution.
Tension : voir "DISTRIBUTION".

ALIMENTATION

Alimentation par injection électronique multipoint Magneti-Marelli 1 AP 41, couplée à l'allumage. Interrupteur à inertie situé sous le capot moteur près du support de béquille du capot.

Pompe à carburant Bosch EKP 10
Pression d'alimentation : 3 bars.
Débit : 115 à 120 litres/heure.
Régulateur de pression
Pression de régulation :
- au ralenti : 2 bars.
- en pleine charge : 2,5 bars.
Injecteurs Weber RNP 006
Résistance : 14,5 Ω.
Débit : NC.
Sonde Lambda Bosch LSU4 12W
Tension de sortie : oscillations de 0 à 1 volt.
Résistance : NC.
Valeur (ou rapport) lambda : 0,97 à 1,03.

Sondes de température d'air et d'eau
Résistance Ω :
- à 0°C : 6 000.
- à 20°C : 2 350 à 2 670.
- à 40°C : 1 085 à 1 330.
- à 60°C : 620 à 615.
- à 80°C : 292 à 325.
- à 100°C : 185 à 190.

ATTENTION
Ne pas utiliser de produits de nettoyage agressifs sur les parties peintes ou chromées.
Ne pas utiliser de produits abrasifs sur les parties peintes ou chromées.
Ne pas utiliser de produits corrosifs sur les parties peintes ou chromées.
Ne pas utiliser de produits inflammables sur les parties peintes ou chromées.

ALLUMAGE

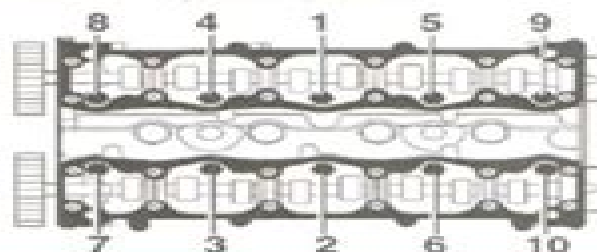
Allumage statique avec double bobines jumostatique à 4 sorties, géré par le calculateur d'injection.
Ordre d'allumage : 1 - 3 - 4 - 2.

Bobines Segem SBC 2.2
Résistance primaire : 0,8 Ω.
Résistance secondaire : 10 200 Ω.

Bougies
Marque et type : Bosch FR6 KDC
ou Equiem RFP 56L 22E.
Écartement des électrodes : 0,9 mm.

CULASSE

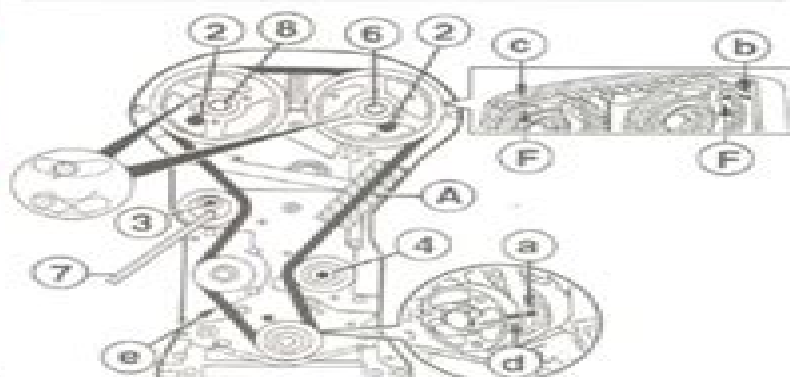
Hauteur : 135 ± 0,1 mm.
Défaut maxi de planéité : 0,05 mm. Rectification maxi : 0,2 mm.



Ordre
de serrage
de la culasse.

Serrage culasse (daN.m ou m.kg)
1^{re} phase : 2.
2^e phase : serrage angulaire de 260°.
Longueur maxi. sous tête des vis : 122,6 mm.

DISTRIBUTION



Type d'entraînement : courroie crantée.
Périodicité de remplacement : tous les 120 000 km ou tous les 80 000 km en cas d'utilisation sévère.

Mode de tension : manivelle par galet tendeur à excentrique.

Valeur tension : déterminée par le contrôleur de tension Seem C Tronic 105.5.

Méthode de collage :

- vilebrequin : positionner le vilebrequin au PMH allumage cylindre n°1 et immobiliser le volant moteur avec une pince de 0,5 mm (réf. CIT 4507-TA).
- arbre à cames : immobiliser les roues dentées des arbres à cames à l'aide des pignes de 0,10 mm (réf. CIT 4533-TC1 et TC2).
- déposer de la courroie : desserrer l'écrou du galet tendeur (3) puis le tourner dans le sens horaire pour déborder la courroie. Déposer la courroie, poser les 6 vis de fixation des roues dentées (5) et (6) sur les moteurs, en conservant un léger frottement entre les vis et les roues dentées. Vérifier que les galets (2) et (4) tournent librement. La courroie est munie de 3 repères "a, b, c" en regard des dents 1, 52, 72 de la courroie. Poser la courroie en alignant le repère "a" avec la rainure "a" du pignon de vilebrequin. Amener les 2 roues dentées d'arbres à cames en butée de boutons dans le sens horaire. Mettre en place la courroie sur les roues dentées des arbres à cames (6) et (5) en alignant les repères "b" et "c" de la courroie avec les repères "1" des roues dentées. Placer la courroie sur la roue dentée de pompe à eau et le galet tendeur (3). Placer le contrôleur de tension en (A). Tourner le galet tendeur à l'aide de l'écrou (7), réf. CIT 4507-TA, dans le sens inverse horaire jusqu'à ce que le contrôleur indique 60 unités Seem. Serrer la vis de fixation du galet tendeur. Serrer les 6 vis de fixation des roues dentées des arbres à cames en vérifiant que les roues ne soient pas en butée de boutons (en déposant une vis). Déposer les pignes et le contrôleur de tension. Effectuer 4 tours de vilebrequin, puis pincer celui-ci. Desserrer les 6 vis de fixation des roues dentées d'arbres à cames puis remettre en place les 2 pignes (2). Placer le contrôleur de tension en (A), desserrer le galet tendeur (3) puis le tourner dans le sens inverse horaire pour obtenir 37 unités Seem. Serrer le galet tendeur et les 6 vis de fixation des roues dentées d'arbres à cames. Déposer le contrôleur et les pignes.

Manual Citroen Saxo Vts 1

AW Chickering



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Autocar ,2003 **Manual de Rallies** ,2000 Citroen Saxo Service and Repair Manual Spencer Drayton,R. M. Jex,Robert Jex,1998 Citroen Saxo Petrol and Diesel Service and Repair Manual Spencer Drayton,2005-06-01

Enthusia Professional Racing Doug Walsh,2005 BradyGames Enthusia Professional Racing Official Strategy Guide includes the following TOP NOTCH RACINGSCHOOL We teach you winning driving techniques take the fastest line through every turn Learn the ins and outs of car settings drivetrain configurations and the Visual Gravity System ALL 211 CARS Kick the tires of every car in the game from street legal runabouts to full on Le Mans champions Our Showroom gives your comprehensive specs for every vehicle COMPLETE COURSE DIRECTORY We diagram every track complete with racing lines acceleration and braking points and expert commentary to lead you through the most challenging stretches EVERY GAME MODE Maximize your Enthu Points and reach 1 Rank in Enthusia Life Ace every Driving Revolution Challenge with our course and checkpoint analysis Scour Free Racing Time Attack to unlock every car and open every track PLUS FACINATING MANUFACTURER PROFILES COMPLTE WEIGHT REDUCTION STATS AND MORE Platform PlayStation 2 Genre Sports This product is available for sale in North America only *Citroen Saxo Owner's Workshop Manual* ,2016-06 Repair Manual Citroën Cars Limited,1959 Citroen Saxo Service and Repair Manual Spencer Drayton,RM. Jex,Louise Brown,Robert Jex,2001-04-30 Hatchback including VTR VTS and special limited editions Petrol 1 0 litre 954cc 1 1 litre 1124cc 1 4 litre 1360cc 1 6 litre 1587cc inc 16 valve Diesel 1 5 litre 1527cc **Citroën AX 1987 to 1994** A. K. Legg,1995 **Citroën Owners Workshop Manual** John Harold Haynes,Bruce Gilmour,1986 Citröen Xantia Service and Repair Manual A. K. Legg,1999 **Citroen ZX** Mark Coombs,1995 **Citroën Saxo** ,1998 **Citroen CX Owner's Workshop Manual** ,2012-12-01 A service and repair manual for the Citroen CX *Citroën AX Owners Workshop Manual* A. K. Legg,1994

Citroën GS and GSA Owners Workshop Manual John Harold Haynes,Bruce Gilmour,1983 *Citroën Saxo* Spencer Drayton,2001 Citroen Repair Manual Citroen Cars Limited,1966 Citroen Repair Manual Citroen Cars Limited,1958

Citroën CX Owners Workshop Manual John Harold Haynes,A. K. Legg,1988 CX 2000 CX 2200 CX 2400 CX 25 Saloon Estate Petrol 2 0 litre 1985cc 2 2 litre 2175cc 2 3 litre 2347cc 2 5 litre 2500cc ohv inc Turbo Does NOT cover 2 0 litre 1995cc or 2 2 litre 2165cc ohc engines fitted to CX 20 CX 22 Athena some Reflex models

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 - Chapter 4: Manual Citroen Saxo Vts 1 in Specific Contexts
 - Chapter 5: Conclusion
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