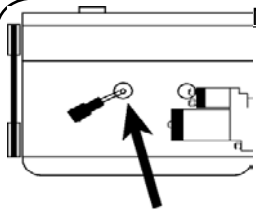
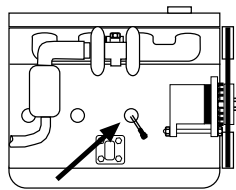


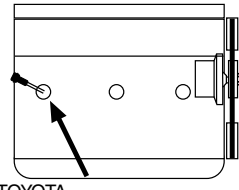
M5T 194A



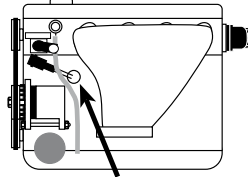
PERKINS
403-11 403-11
WEIDEMAN
1130CX30 403C/D-11
1140CX30 403C/D-11
1150CX30 403C/D-11
1230CX30 403C/D-11



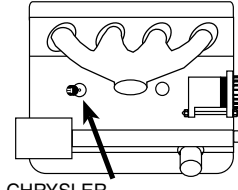
TOYOTA
Hiace 2.5 Diesel KLH 12 2KD-FTV
Hiace 2.5 D-4D 2007--> 2KD-FTV
Hilux D-Cab 2.5 DieselKDN165 2KD-FTV
Hilux S-Cab 2.5 DieselKDN150 2KD-FTV
Hilux X-Cab 2.5 DieselKDN170 2KD-FTV



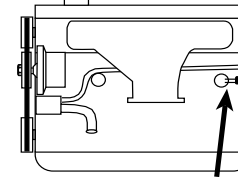
TOYOTA
Rav 4 2.0 16v 3S-FE



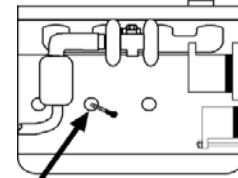
HYUNDAI
Gets 1.3 2003--> G4EA
Gets 1.4 2005--> G4EE
Gets 1.6 2003--> G4ED
Tucson 2.0 4WD 2005 G4GC



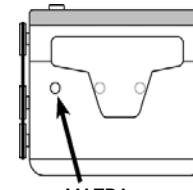
CHRYSLER
Sebring 2.0 DOHC 16v



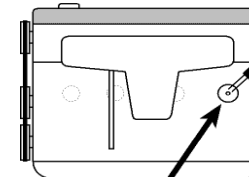
KIA
Rio 1.5 LS



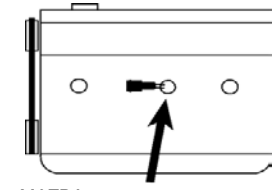
TOYOTA
Hilux D-4D 2.5 2KD



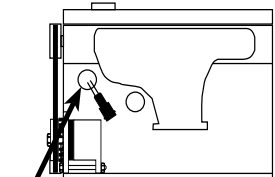
MAZDA
323 2.0 : 2001--> 3FS



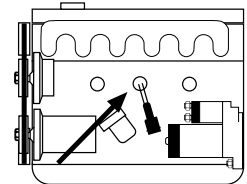
MAZDA
323F 1.5 : 1999--> 3ZL
323 STW 4x4 : 1994-->1999 : 3B6
323 AUTOMATIC : 1988-->



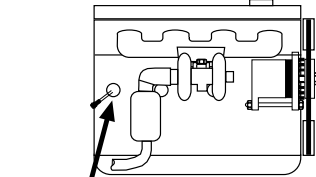
MAZDA
Premacy 2.0 TD : 2003--> 3RF



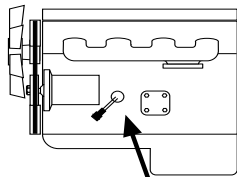
KIA
Sorento 2.4 : 2003--> G4JS



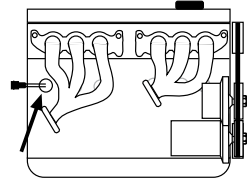
LEXUS
GS 300 : --> 1998
GS 300 : 1998 (Feb)--> : 2JZ-GE
IS 300 : 2JZ-GE



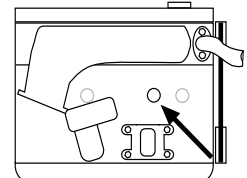
TOYOTA
Hiace Picup 2.5 Diesel KDY 250 3RZ-GE
Landcruiser HZJ105 4.2 D 1HZ



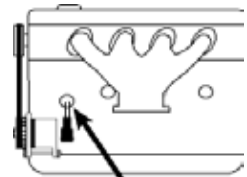
TOYOTA
Landcruiser 100 V8 2UZ-FE



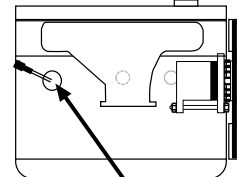
LEXUS
IS 200 : 1G-FE



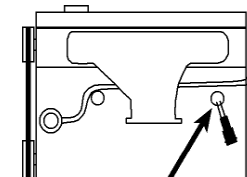
TOYOTA
Hiace RCH 13 3RZ-GE



KIA
Rio 1.4 EX 2005--> : G4EE
Rio 1.4 Hybrid 2007--> : G4EE

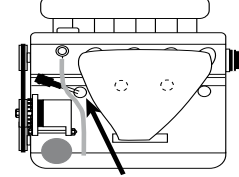


KIA
Carnival 2.7 I V6 2006--> G6EA
Magentis 2,5 V6

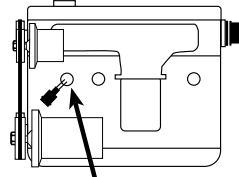


KIA
Sephia 1.5 1994--> B5
Sephia 1.6 1997--> B6

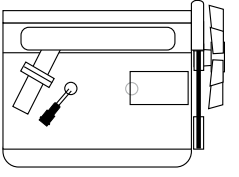
= Motortyp
⊕ = Moottorityyppi
= Engine model



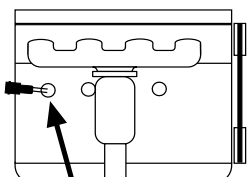
HYUNDAI
Accent 1.6 : 2006-->



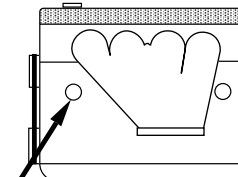
MITSUBISHI
Lancer 1.6i : G4G18



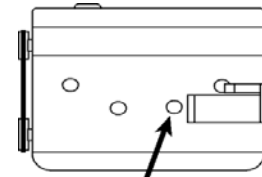
JEEP
Cherokee Sport M5 2.4
Cherokee 2.4 : 2002-->



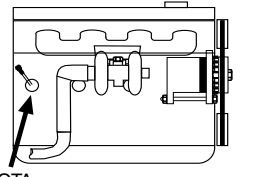
KIA
Magentis 2.7 V6 : 2006--> G6EA



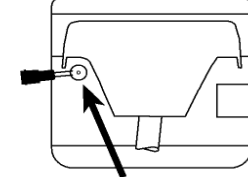
ISUZU
Gemini 1.5



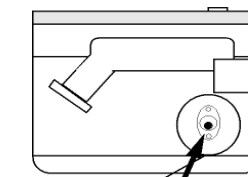
MITSUBISHI
Spacewagon 2.0 TD : 1992-->1993 4D68



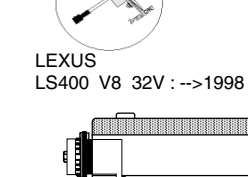
TOYOTA
Dyna 3.0 D-4D 2007- 1KD-FTV
Hilux 3.0 D-4D 2009- 1KD-FTV
Landcruiser 90 1KD-FTV
Landcruiser 120 3.0 D-4D 2003- 1KD-FTV



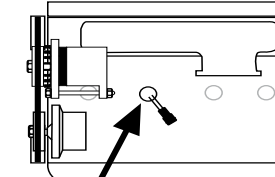
FORD
Fiesta 1.4 : 1997--> ZETEC-S
Focus 1.6 16V (74kw) 2005--> HWDA



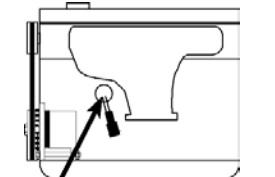
LEXUS
LS400 V8 32V : -->1998 : 1UZ



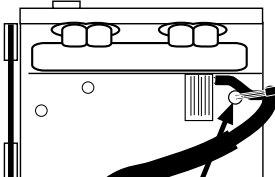
MAZDA
3 2.0 TD : 2006--> 3RF
5 2.0 DE : 2006--> 3RF-T
6 2.0 TD : 2006--> 3RF



JEEP
Grand Cherokee 4.7 V8
DODGE
Durango 4.7 V8
RAM 4.7 V8



KIA
Ceed 2.0 : 2007--> G4GC
Sportage 2.0i : 2005--> G4GC



KIA
Cerato 1.5 CRDi 2005--> D4FA
Rio 1.5 CRDi 2005--> D4FA
HYUNDAI
Getz 1.5 CRDi 2006--> D4FA
Matrix 1.5 CRDi 2005--> D4FA

DEUTSCH

- A. Einbauhinweise sorgfältig durchlesen. Sämtliche Details inklusive Zubehör laut Pkt A kontrollieren. Nur zur Übersicht - keine Wiedergabe von Einzelheiten.
- B. Einbau des Heizelementes
1. Kühlwasser ablassen.
 2. Verschluß der Bohrung im Motorblock herausnehmen, Bild. Dazu mit schmalen Werkzeug (Dorn) seitlich auf den Verschluß schlagen, bis dieser sich schräg stellt. Danach mit Zange herausnehmen, Bild B.
 3. Einbaukabel (mit Anbaustecker) von außen in den Motorraum ziehen. Steckverbindung von Heizung und Kabel bis zum Anschlag ineinanderschleiben O-Ring muß völlig dichtschießen. Zu beachten: Etwas Öl auf den O-Ring geben. Die Zusammenkupplung wird dann erleichtert. Verbindung muß unbedingt auf diese Weise hergestellt werden.
 4. Etwas Öl auf den O-Ring geben und Heizer durch das Loch schieben. Darauf achten, daß der O-Ring nicht beschädigt wird. Falls nötig, Außenkante des Lochs abschleifen, damit der O-Ring nicht durchgewetzt wird. Danach Hauptmutter anziehen, Bild C. (Achtung! Drehmoment 3,5 Nm).
 5. Wasser einfüllen und Kühlsystem lüften. Hinweise der Kfz-Betriebsanleitung beachten. Motor laufen lassen und Einbaustelle auf Dichtigkeit prüfen.
- C. Einbau des Steckers
1. Siehe mitgelieferte montageanleitung.
- D. Probelauf
1. Kühlwasserniveau kontrollieren.
 2. Kühlsystem sorgfältig entlüften, da Heizpatrone sonst durchbrennen kann.
 3. Dichtheit, auch bei warmen Motor überprüfen.
 4. Nur eine geerdete Steckdose verwenden. Steckverbindungen überprüfen. Funktion des Gerätes kontrollieren - beim Heizvorgang kann ein leichtes Siedegeräusch vernommen werden.
- E. Wichtig
1. Immer ausreichend Frostschutzmittel beimischen.
 2. Motorheizer nur an eine geerdete Steckdose anschließen. Der Mantel der Motorheizung, die Karosserie und der Schutzleiter der Steckdose müssen unbedingt leitend miteinander verbunden sein.
 3. Nur Calix MS Kabel für Anschluss ans Netz verwenden.
 4. Das Kabel regelmäßig auf Beschädigungen oder Alterungserscheinungen kontrollieren. Ein beschädigtes Kabel muß sofort ausgetauscht werden.
 5. Installationsteile dürfen Motorenteile, die erwärmt werden oder in bewegung sind, nicht berühren. Der Abstand zum Auspuffsystem soll mindestens 50 mm (auch bei Turbo-Aggregat) betragen - sonst den Calix Strahlenschutz verwenden.
 6. Einbaukabel und eventuelle Verbindungskabel müssen dicht neben den Verbindungsstecker mit den mitgelieferten Klammer befestigt werden.
- F. Warnung
- Abbrennen des Heizelementes (des Widerstandsdrahtes) kann erfolgen bei
- Heizer an stossartige (pulsierende) Spannung angeschlossen wird
 - unsauberer Kühlflüssigkeit
 - ungenügender Kühlwassermenge
 - nicht entlüftetem Kühlwassersystem
 - Verwendung von Kühlerzement
- In diesen Fällen kann keine Garantieleistung erfolgen.

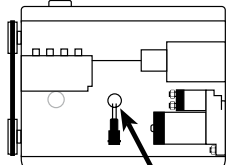
ENGLISH

- A. Read the assembly instructions carefully. Check that all parts and fittings illustrated under "A" are included. Survey view only, without detailed reproduction.
- B. Installation of the heater
1. Drain the coolant.
 2. Remove the frost plug which covers the hole as shown in the figure. This can be done by knocking the edge of the plug with a drift or similar. The plug then turns and can be removed with polygrip pliers, figure B.
 3. Pull the cable with socket for the engine heater into the engine compartment. Press the plug-in connection between the engine heater and cable fully together so that the O-ring seals properly and there is no gap. Apply a few drops of oil on the O-ring. The connection can then be made easier. It is very important that connection is made this way.
 4. Apply a few drops of engine oil on the O-ring and insert the heater in the hole. Take care not to damage the O-ring. If necessary burr must be removed from the outer edge of the hole so that the O-ring is not torn. Then tighten the centrenut, figure C. (Note! Tighten torque 3,5 Nm).
 5. Fill up with coolant and vent the cooling system, see the instruction book. Run the engine and check that there is no leakage.
- C. Fitting of lead-in
1. See separate mountinginstruction.
- D. Test-running
1. Check that the cooling system is full of coolant.
 2. Make sure that all air has been removed from the cooling system as the heater element will immediately burn out if surrounded by air.
 3. Check that all seals are tight even with the engine warm.
 4. Check the heater by connecting it to an earthed point. A low sizzling noise will be heard when the water on the surface of the heater element boils.
- E. Important
1. Always use anti-freeze in the cooling system.
 2. The engine heater must only be connected to an earthed point. There must always be a continuous internal earth connection running from the engine heater casing through the body and right up to the earthed point.
 3. Use only Calix MS kabel for connection to the mains network.
 4. Inspect the cable periodically for damage or ageing. A damaged cable must be replaced without delay.
 5. No parts of the installation must be allowed to come into contact with moving or hot parts of the engine. The distance to all parts of the exhaust system must be at least 50 mm (2"). (Also applicable for the turbo unit if any.) Otherwise Calix Heat Shield must be used.
- F. Warning
- The heater element can be burnt out if:
- the heater is connected to intermittent (pulsating) voltage
 - the coolant is dirty
 - there is insufficient coolant
 - there is air in the system
 - there is sludge in the cooling system

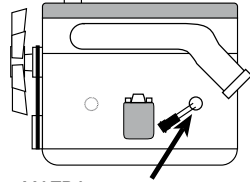
SUOMI

- A. Tutustu asennusohjeeseen huolellisesti ja tarkista, että kaikki kohdassa A, mainitut osat ovat mukana. Yleiskuvia, ei yksityiskohtaisia.
- B. Lämmittimen asennus
1. Poistakaa jäähdyttäjäneste.
 2. Poistakaa kuvassa osoitettua reikää peittävä tiivistelevy esim. lyömällä vasaralla ja jollakin teräasella levyn reunaa. Levy vääntyy tällöin ja voi daan helposti poistaa pihdeillä.
 3. Lämmittimen kaapeli pistokkeineen vedetään etupuskurista moottoritalaan ja moottorilämmittimeen. Työnnä pikallitöntä, joka on moottorilämmittimeen ja kaapelin välillä, kokonaan yhteen niin että O-rengas tiivistää kunnolla. HUOM. Tiputa muutama pisara öljyä O-renkaan päälle. Tämä helpottaa kytkentää. On erittäin tärkeää että kytkentää tapahtuu tällä tavalla.
 4. Tiputa muutama pisara öljyä O-renkaan päälle ja vie lämmitin reikään. Katso ettei O-rengas vaurioitu, tasoita reuna tarvittaessa. Kiinnitä lämmitin kiertämällä mutteria, kuva C. (HUOM! Kiristys momentti 3,5 Nm).
 5. Täytä jäähdytysjärjestelmä ja suorita ilmaus käyttöohjekirjan mukaisesti. Käynnistä moottori ja tarkista mahdolliset vuodot..
- C. Pistokytkimien asennus
1. Katso asennusohjet.
- D. Koeajo
1. Tarkista jäähdytysnesteen määrä.
 2. Varmistaudu siitä, että ilma poistuu jäähdytysjärjestelmästä. Vastus palaa nimittäin hetkessä poikki, jos se joutuu ilman kanssa kosketuksiin.
 3. Tarkista, ettei vuotoja tapahdu moottorin ollessa lämmin.
 4. Kokeile lämmitintä yhdistämällä verkkojohto maadoitetun pistorasiaan. Kuuluu pientä sirinää veden kiehuessa lämmittimen pinnassa.
- E. Tärkeää
1. Käytä aina riittävää määrää pakkasnestettä.
 2. Moottorilämmittimen saa liittää ainoastaan maadoitettuun pistorasiaan ja on varmistettava että maadoituskosketus on hyvä moottorilämmittimestä ja auton korista maadoitettuun pistorasiaan.
 3. Käytä ainoastaan Calix MS johtoa verkkovirran liittämiseksi.
 4. Tutki kaapeli säännöllisesti vaurioiden sekä vanhenemisen suhteen. Vaurioitunutkaapeli pitää vaihtaa välittömästi.
 5. Mikään lämmitimen osista ei saa koskettaa moottorin lämpeneviä tai liikkuvia osia. Etäisyys pakosarjaan vähintään 50 mm (koskee myös turbolaitetta). Muissa tapauksissa on käytettävä lämmöneristettä.
 6. Panssarikaapelit voidaan pidentää jatkoakaapeleilla pikaliittimien avulla. Tällöin on pakauksessa olevat kaapelikiinnikkeet kiinnitettävä liitoskohdon molemmin puolin maadoitettua lähelle pikaliittimiä.
- F. Varoitus
- Vastuselementti palaa poikki jos
- lämmitin liitetään sähköjärjestelmään, jonka jännite on jaksotaista.
 - jäähdytysneste on likaista
 - jäähdytysnestettä ei ole tarpeeksi
 - jäähdytysjärjestelmässä on ilmaa tai jääsohjoa

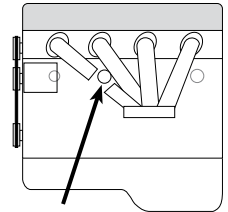
M5T 194A



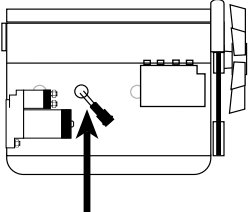
MAZDA
626 2.0 diesel Complex
323F 2.0D 16v



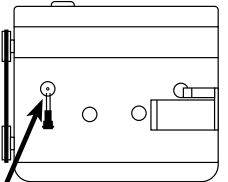
MAZDA
929 3.0i V6



MAZDA
MX-3 1.6i 16V
MX-5 1.6i 16V "Miata"

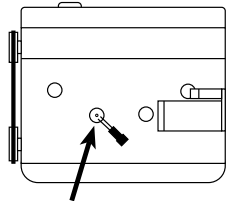


FORD
Ranger 2.5 D12v
MAZDA
B2500 TD
MPV 2.5 TD



MAZDA
L300 2.4 : 2WD • 4WD : ⚡4G64
Cosmos : ⚡4G64

= Motortyp
⚡ = Moottorityyppi
= Engine model



MITSUBISHI
Colt : 1300 • 1.3i • 1500 • 1.5i
Colt 1.6i 16V : ⚡4G61
Colt 1.8 GTi 16V : ⚡4G67
Colt 1800 diesel
Cordia : 1400 • 1600
Eclipse 2.0i 16V
Galant 1.8 : ⚡4G37
Galant 1981-1992 : 2.0i • 2.0i 16V : ⚡4G63 *
Galant 2.4i : ⚡G64B

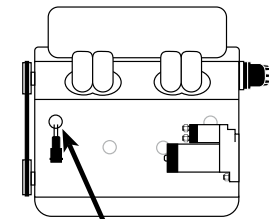
Galant : 2.0 turbo • 2.0 GTi-16V : ⚡4G63 *
Galant : 1.8 turbodiesel • 2000 turbodiesel
Galant 2.0D : -->1993 : ⚡4D68
L400 2.0 : 1996--> : ⚡4G63
L400 2.4 4WD : 1996--> : ⚡4G64
Lancer : 1.3 • 1.5 • 1500 • 1.5i 12V
Lancer 1.8 diesel
Pajero 1.8 diesel
Space Wagon 1.8 turbodiesel
Starion

Tredia : 1400 • 1600 • 1600 turbo
Tredia : 1800 • 1800 4WD • 1800 turbo
L200 2.0 : 2WD • 4WD
L300 2.0 2WD : ⚡4G63

PROTON

315 1.5i 12v : ⚡4G15
425 1.5i 12v : ⚡4G15

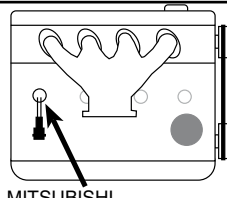
* = Motornr PM2941
* = Moottori n:osta PM2941
* = Motornr PM2941
* = Engine nr PM2941



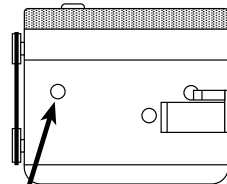
MITSUBISHI
Galant 2.0i 16V 1993 : ⚡4G63 *
Pajero 2.4 : 1991-->1994 : ⚡4G64

HYUNDAI

H 100 2.4i
Starex 2.4i
* = Motornr PM2941
* = Moottori n:osta PM2941
* = Motornr PM2941
* = Engine nr PM2941



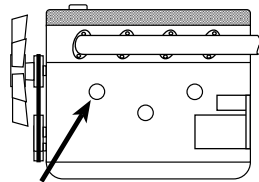
MITSUBISHI
Colt 1.6i 1994: ⚡4G92
Colt 1.8GTi 16V : ⚡4G93
Galant 1.8 : ⚡4G93
Lancer : 1.6i • 1.8i : ⚡4G92 • ⚡4G93
Lancer 1800 GTi 16V : ⚡4G93
Space Runner 1.8i : ⚡4G93
Space Wagon 1.8i : ⚡4G93



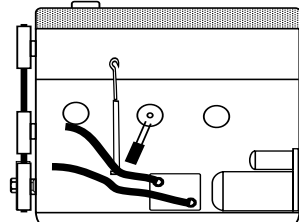
PROTON
418 1.8i 16V : ⚡4G93

MITSUBISHI
Colt : 1400turbo • 1600turbo
Lancer : 1800 4WD : ⚡G37B
Lancer 1800 GTi 16V : ⚡4G67
Space Wagon 1800 : ⚡4G37
Space Wagon 2.0i 1992 : ⚡4G63 *

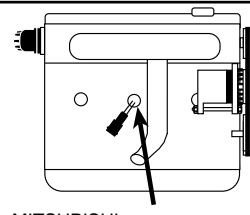
* = Motornr PM2941
* = Moottori n:osta PM2941
* = Motornr PM2941
* = Engine nr PM2941



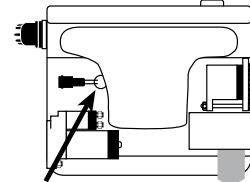
NISSAN
Kingcab diesel : ⚡SD23 • ⚡SD25
Kingcab 2.5D (D22) : -->2001 : ⚡SD25
Patrol : diesel • turbodiesel : ⚡SD33
Pick-up diesel : ⚡SD22 • ⚡SD23
Urvan diesel : ⚡SD23



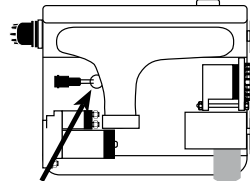
MAZDA
6 2.2 MZR-CD 2008--> : ⚡R2-T
CX-7 2.2 MZR-CD 2009--> : ⚡R2-T



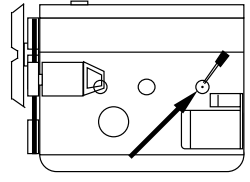
MITSUBISHI
Galant 2.5i V6 : ⚡6A13



MITSUBISHI
Galant 2.0i V6 24V : ⚡6A12

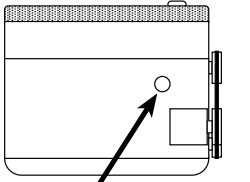


MITSUBISHI
Galant 2.5 V6 24V : ⚡6G73

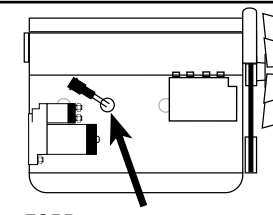


DAIHATSU
Charmant 1600 : LC • LE...ø35

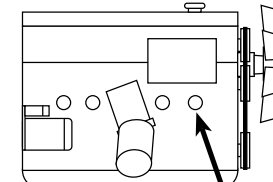
TOYOTA
Carina II 1.6 1984 ... ø35
Corolla 1984-1985 : 1300 • 1600 :
etuveto... ø35 @ SF
Corolla 1600 1984 ... ø35



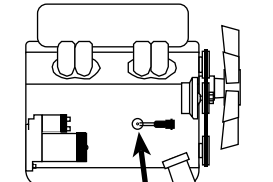
MITSUBISHI
Celeste 1600
Colt : 1200 • 1400
Galant 1600
Lancer : F1200 • 1200
Lancer : F1400 • 1400 • 1600
Sapporo 1600
SpaceWagon 1.6 : -->1991 : ⚡4G32



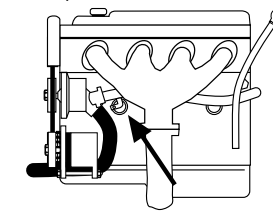
FORD
Ranger 2.5 TD



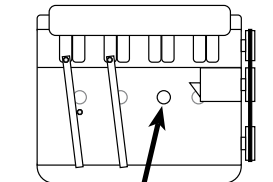
NISSAN
Patrol 2.8



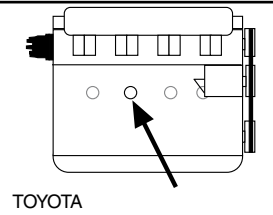
OPEL
Campo 2.3i : ⚡ZD1



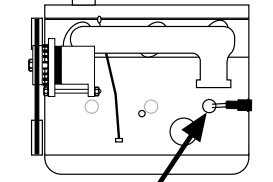
OPEL
Combo 1.7 D : ⚡X17D



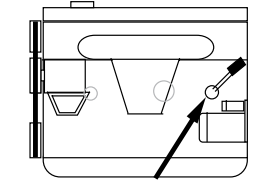
TOYOTA
Avenis 2.0 16V ⚡3S-FE
Camry : 1.8 • 2.0i
Camry 2.0i 16V Twin Cam 1987
Carina II 1.8
Carina II 2.0 16V 1988
Carina E 2.0i
Celica 2.0i -16V 1986
Celica GT-4 turbo : ⚡3S-GTE
MR 2 1990 : ⚡3S-GE
Picnic 2.0i 16V : ⚡3S-FE



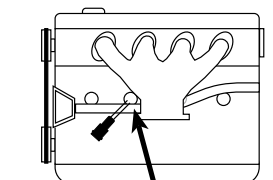
TOYOTA
Camry 2.2i 16V : ⚡5S-FE



TOYOTA
Camry 3.0i V6 : ⚡3VZ-FE
Landcruiser 90 VZJ : ⚡5VZ-FE



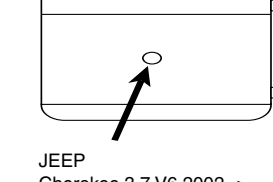
TOYOTA
Carina II 1.6 16V 1988
Carina E 1.6i
Carina E 1.8i 16V : ⚡7A-FE
Corolla 1.6i 16V 1988 : ⚡4A-FE



MITSUBISHI
Carisma 1.6i : ⚡4G92
Carisma 1.8i : ⚡4G93
Carisma 1.8 GDI : ⚡4G93
Colt 1.6i 1995 : ⚡4G92
Pajero 1.8 : ⚡4G93
Space Star 1.8 GDI : ⚡4G93

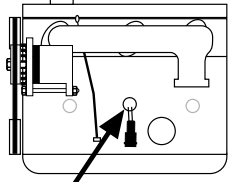
VOLVO

S 40 • V40 1.8i ⚡B4184 SM

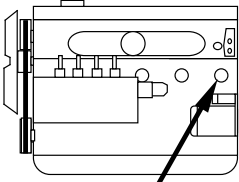


JEOP
Cherokee 3.7 V6 2002-->

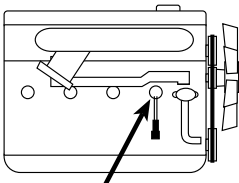
M5T 194A



TOYOTA
Camry 2.5i V6 24V : ⚡ 2VZ-FE

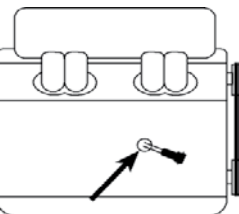


TOYOTA
Dyna 200 BU76 diesel 1989
Dyna 300 BU88 diesel 1989

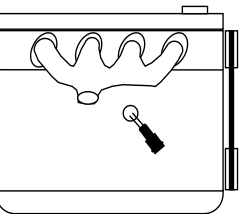


TOYOTA
Landcruiser diesel : BJ42 • BJ45 • BJ75

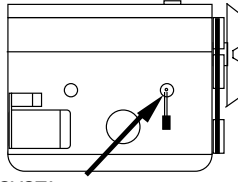
TOYOTA
Landcruiser BJ75 diesel 1990 : ⚡ 1PZ



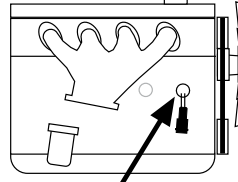
KIA
Sportage 2.0 CRDi 2005-->



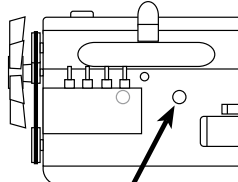
CHRYSLER
Sebring 2.0 2001-->



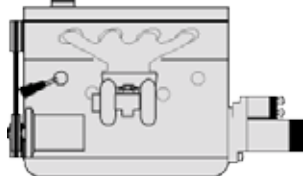
TOYOTA
Dyna diesel BU85 1985-1988
Landcruiser BJ 40 diesel : ⚡ B



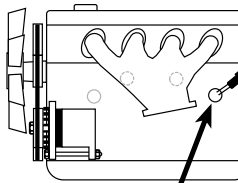
TOYOTA
Hiace 1990 : 2.0 • 2.4 : ⚡ 1RZ • ⚡ 2RZ



MITSUBISHI
Galant 2.4 GDI ⚡ 4G64
Space Wagon 2.4 GDI ⚡ 4G64
Space Runner 2.4 GDI

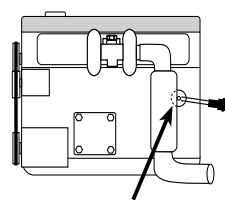


MITSUBISHI
Colt 1.5 CZT 2005-->

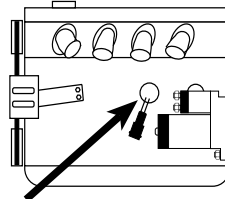


DAIHATSU
Rocky 2.8 • Wildcat 2.8

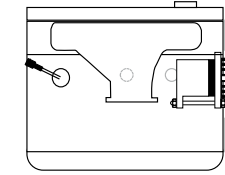
TOYOTA
Hiace 1800
Hiace 2000 1984 : ⚡ 3Y
Hiace 2200 : ⚡ 4Y
Hilux 4WD YN56 1988 : ⚡ 2Y
Hilux 2WD: YN85 • YN90 1989 : ⚡ 2Y
Hilux 4WD YN110 1989 : ⚡ 4Y
Model F: ⚡ 2Y • ⚡ 3Y • ⚡ 4Y



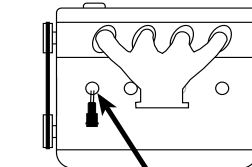
NISSAN
Patrol 3.0Di (Y61) : ⚡ ZD30E



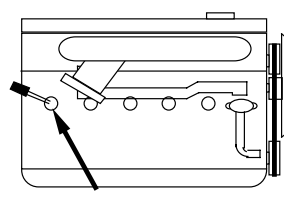
MITSUBISHI
Galant 2.4 GDI ⚡ 4G64
Space Wagon 2.4 GDI ⚡ 4G64
Space Runner 2.4 GDI



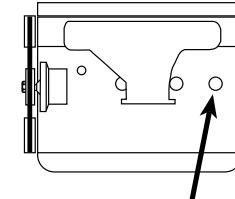
HYUNDAI
Sonata 2.5i V6 24V : 1999--> : ⚡ G6BV
Sonata 2.7 V6 : 2001--> : ⚡ G6BA
Santa Fe 2.7 V6 2001--> : ⚡ G6BA
Santa Fe 2.7 V6 2006--> : ⚡ G6EA
Trajet 2.7 V6 : ⚡ G6BA
Coupe 2.7 V6
XG 30 2.5 : 1999--> : ⚡ G6BV
KIA
Carnival 2.7 V6 2006--> : ⚡ G6EA



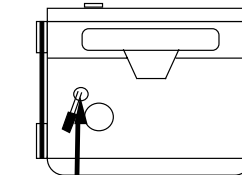
MITSUBISHI
Space Star 1.6 16v ⚡ 4G18



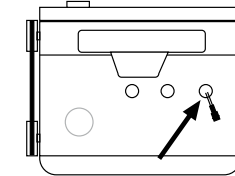
TOYOTA
Landcruiser HZJ80 diesel 1990 : ⚡ 1HZ
Landcruiser HDJ80 TD 1990 : ⚡ 1HD-T
Landcruiser HJZ75



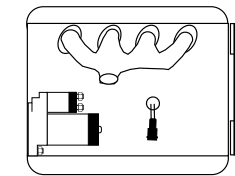
TOYOTA
Paseo 1.5i 16V : ⚡ 5E-FE



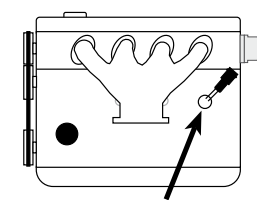
TOYOTA
Celica 1.6i 1991
Corolla : GT Twin-Cam • FX GT 16V
MR 2 1990 c



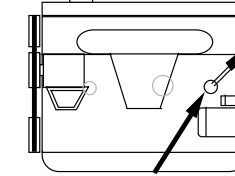
TOYOTA
Corolla 1.3 12V 1985 : ⚡ 2E
Starlet 1.0 12V 1985



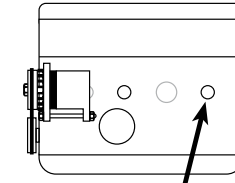
CHRYSLER
Neon 1.6 2002-->
PT Cruiser 1.6 2002-->



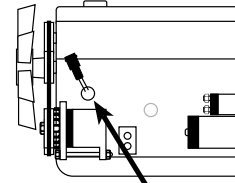
TOYOTA
Corolla 1.3 12V 1993 : ⚡ 4E-FE
Corolla 1.3i 16V : ⚡ 4E-FE
Starlet 1.3i 16V : ⚡ 4E-FE



TOYOTA
Corolla 1.6i 16V 1988 : ⚡ 4A-GE
Corolla 1.6i 16V : ⚡ 4A-FE
Corolla 1.4i : 1995-->1999 : ⚡ 4E-FE

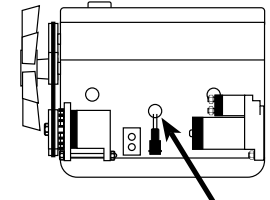


TOYOTA
Avensis 1.8i 16V : ⚡ 7A-FE
Celica 1.8i 16V : ⚡ 7A-FE
Celica 1600 GT 16V : 1985--> : ⚡ 4A-GE
Carina E 1.8i 16V : ⚡ 7A-FE

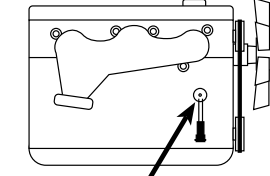


DAIHATSU
Charmant 1300 : LC • LD • LE

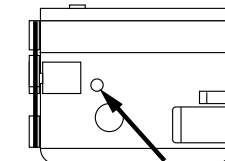
TOYOTA
Carina 1983 : 1600 • 1800
Celica 1600
Corolla : 30 • 50 • 70
Corolla : 1100 • 1200 • 1300
Corolla farmari 1984 @ SF
Corolla 1600 1983
Corolla Liftback 1800
Lite-Ace : ⚡ 4-K
Starlet : 1.0 • 1.3 @ S
Starlet 1000-1300 1982



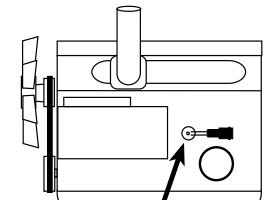
TOYOTA
Lite-Ace 1990 : ⚡ 5-K



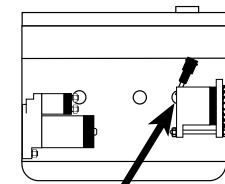
TOYOTA
4-Runner 3.0i V6 : ⚡ 3VZ-E



TOYOTA
Tercel : 2WD • 4WD ... ⚡ 35



PEL-JOB
EB 706 : EB 706P : ⚡ Mitsubishi



MAZDA
626 1.8i 16V • 2.0i 16V 1992
323F 1.8i 1998--> : ⚡ DOHC
323F 2.0 : 2001--> : ⚡ FS

= Motortyp
⚡ = Moortortyypp
= Engine model