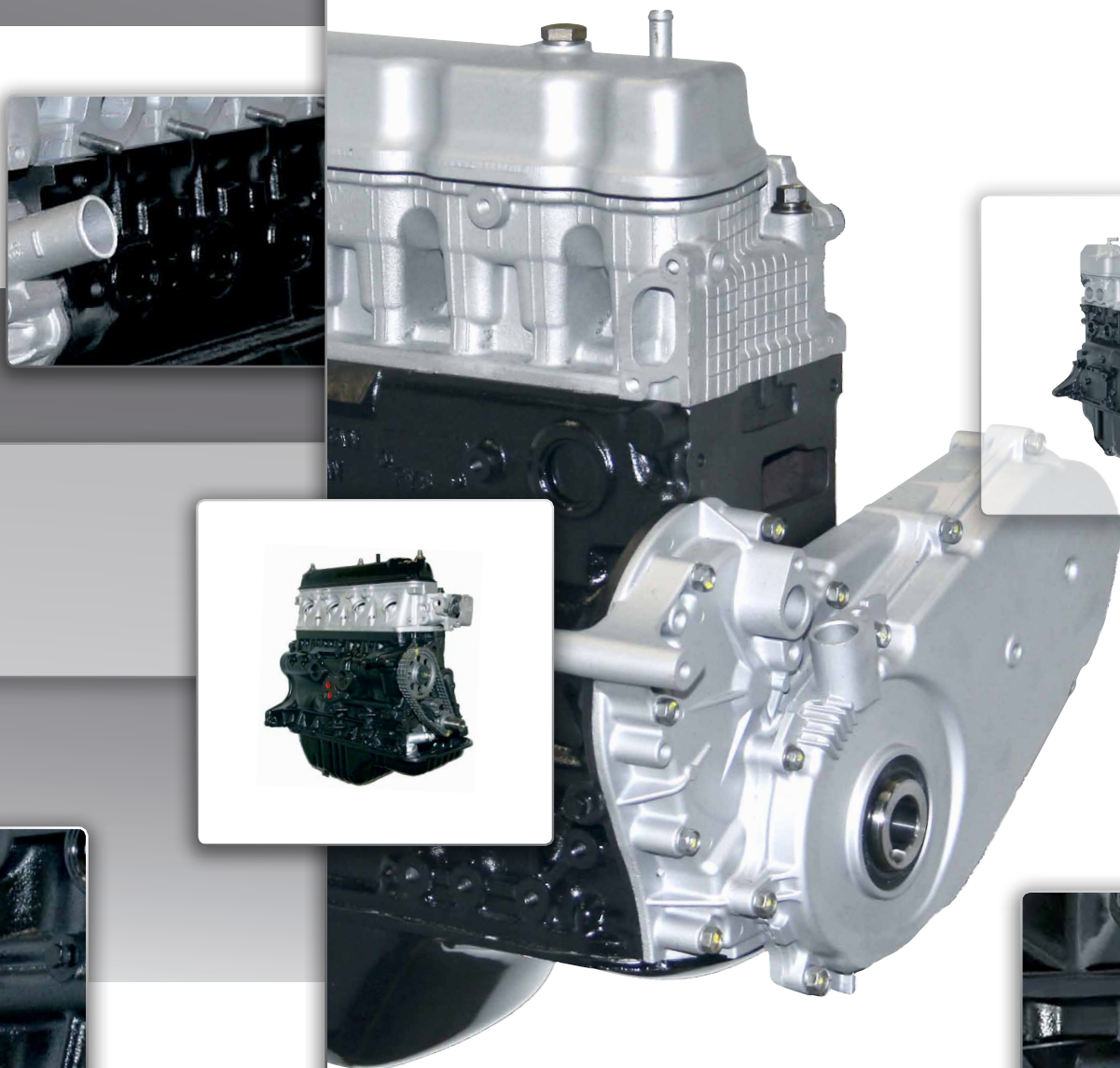


# QUICK REFERENCE GUIDE

GUÍAS DE REFERENCIA  
GUIDE DE RÉFÉRENCE FACILE

## ***TOTALSOURCE®***





- All work performed to current OEM SPECS
- Core credits are processed in a fair and timely manner
- 1 year / 1,500 hour warranty – 90 days on oil leaks
- Industry leading engine packaging for safe and efficient engine transportation.
- All technicians are A.S.E. certified

**NOTE:** Reman engines are sold as longblocks (valve cover to oil pan) no accessories unless otherwise noted. The contents remaining in the o/h gasket set are shipped with the engine.

- Todo trabajo es realizado a las especificaciones actuales del fabricante original.
- El crédito por el casco es procesado de una manera justa y eficiente
- Garantía de 1 año / 1,500 horas – 90 días para fugas de aceite
- Empaquetamiento de motor líder en la industria para el transporte seguro y eficiente de motores
- Todos los técnicos están certificados en A.S.E.
- Todo el trabajo se realiza por técnicos titulados a las actuales especificaciones del Fabricante Original (OEM).

**NOTA:** Motores reconstruidos se venden como bloques largos (cubierta de válvula y receptáculo de aceite). Los accesorios no vienen incluidos a menos que se indique lo contrario. El resto del contenido del conjunto de juntas que sobran durante la revisión se

envía junto con el motor.

- Tout le travail est fait selon les spécifications actuelles du fabricant d'origine
- Les crédits de base sont traités de façon équitable et efficace
- 1an/ 1500 heures de garantie - 90 jours pour les fuites d'huiles
- Leader dans l'industrie pour le conditionnement des moteurs, pour un transport sécuritaire et efficace.
- Tous les techniciens sont certifiés A.S.E.

**REMARQUE:** Les moteurs d'occasions remanufacturés sont vendus comme les longblocks (cache-soupape à carter d'huile). Pas d'accessoires inclus, sauf indication contraire. Le reste du contenu dans le kit de joints est livré avec le moteur.

## FORD

|                                                                                    | ORDER #   | MAKE: MODEL, NOTES                     |
|------------------------------------------------------------------------------------|-----------|----------------------------------------|
|                                                                                    | FDVSG411R | Ford: VSG411I<br>Non-distributor style |
|  | FDVSG413R | Ford: VSG413I<br>Non-distributor style |

|                                                                                    | ORDER #   | MAKE: MODEL, NOTES |
|------------------------------------------------------------------------------------|-----------|--------------------|
|                                                                                    | FDLRG423R | Ford: LRG423R      |
|  | FDLRG425R | Ford: LRG425R      |

## GM

|                                                                                     | ORDER #    | MAKE: MODEL, NOTES                              |
|-------------------------------------------------------------------------------------|------------|-------------------------------------------------|
|                                                                                     | GM2.2R     | GM: 2.2<br>Used by Hyster & Yale                |
|  | GM181R     | GM: 181 (1Piece - Front)<br>Front sump oil pan  |
|  | GM181-TOYR | GM: 181 Toyota<br>Toyota Spec - Uses crank bolt |
|  | GM250R     | GM: 250                                         |

|                                                                                      | ORDER #    | MAKE: MODEL, NOTES                                                                                  |
|--------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------|
|                                                                                      | GM4.3NBR   | GM: 4.3 V6 Old Style<br>Steel valve covers, steel timing cover, steel oil pan - no intake manifold  |
|  | GM4.3R     | GM: 4.3 V6 Vortec<br>Plastic valve covers, steel or plastic front cover with or w/out crank sensor  |
|  | GM4.3-TOYR | GM: 4.3 V6 Toyota<br>Plastic valve covers, plastic front cover w/out crank sensor, aluminum oil pan |
|  | GM153R     | GM: 153                                                                                             |
|                                                                                      | GM181-1R   | GM: 181 (1Piece - Rear)<br>GM181-1R                                                                 |
|                                                                                      | GM181-2R   | GM: 181 (2Piece)<br>Two piece rear main seal                                                        |

## HERCULES



| ORDER #     | MAKE: MODEL, NOTES                                         |
|-------------|------------------------------------------------------------|
| HE1404-HERR | Hercules: G1600<br>Includes Komatsu spec front cover       |
| HE1404R     | Caterpillar: 1404<br>Includes Caterpillar spec front cover |

## MAZDA



| ORDER # | MAKE: MODEL, NOTES                     |
|---------|----------------------------------------|
| MZVA1R  | Mazda: VA-PTO<br>PTO style front cover |



|          |                                        |
|----------|----------------------------------------|
| MZUAPTOR | Mazda: UA-PTO<br>PTO style front cover |
|----------|----------------------------------------|



|        |                                                                              |
|--------|------------------------------------------------------------------------------|
| MZFEPR | Mazda: FE (Pin Type)<br>Pin type crankshaft nose - includes water pump       |
| MZFESR | Mazda: FE (Short Nose)<br>Short keyed crankshaft nose - includes water pump  |
| MZFELR | Mazda: FE-LN (Long Nose)<br>Long keyed crankshaft nose - includes water pump |



| ORDER # | MAKE: MODEL, NOTES                                                                                          |
|---------|-------------------------------------------------------------------------------------------------------------|
| MZF2SAR | Mazda: F2SA (Short Nose)<br>Short crankshaft nose - hyd pump runs off of transmission - includes water pump |



|          |                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------|
| MZF2SALR | Mazda: F2SA (Long Nose)<br>Long crankshaft nose - hyd pump runs off of front pulley - includes water pump |
|----------|-----------------------------------------------------------------------------------------------------------|



|         |                                              |
|---------|----------------------------------------------|
| MZF2SMR | Mazda: F2SM<br>Timing chain style - TCM spec |
|---------|----------------------------------------------|



|       |           |
|-------|-----------|
| MZD5R | Mazda: D5 |
|-------|-----------|

## MITSUBISHI



| ORDER # | MAKE: MODEL, NOTES                      |
|---------|-----------------------------------------|
| MB4G32R | Mitsubishi: 4G32<br>Includes water pump |
| MB4G33R | Mitsubishi: 4G33<br>Includes water pump |



|         |                  |
|---------|------------------|
| MB4G52R | Mitsubishi: 4G52 |
|---------|------------------|



|          |                                                                                                  |
|----------|--------------------------------------------------------------------------------------------------|
| MB4G54BR | Mitsubishi: 4G54 BALANCED<br>Clark spec - hump on the side of the engine block for balance shaft |
|----------|--------------------------------------------------------------------------------------------------|



| ORDER # | MAKE: MODEL, NOTES                       |
|---------|------------------------------------------|
| MB4G54R | Mitsubishi: 4G54<br>Non-balanced version |



|          |                                                                                        |
|----------|----------------------------------------------------------------------------------------|
| MB4G63BR | Mitsubishi: 4G63 BALANCED<br>Clark/Doosan/Hyundai spec = balanced. Includes water pump |
| MB4G64BR | Mitsubishi: 4G64 BALANCED<br>Clark/Doosan/Hyundai spec = balanced, Includes water pump |



|           |                                                                                     |
|-----------|-------------------------------------------------------------------------------------|
| MB4G63NBR | Mitsubishi: G63<br>Caterpillar/Mitsubishi spec = non-balanced. Includes water pump  |
| MB4G64NBR | Mitsubishi: 4G64<br>Caterpillar/Mitsubishi spec = non-balanced, Includes water pump |

## MITSUBISHI

| ORDER # | MAKE: MODEL, NOTES                                           |
|---------|--------------------------------------------------------------|
| MB6G72R | Mitsubishi: 6G72<br>Includes water pump - no intake manifold |
| MBS4SR  | Mitsubishi: S4S<br>Includes complete fuel system             |

| ORDER # | MAKE: MODEL, NOTES                               |
|---------|--------------------------------------------------|
| MBS6SR  | Mitsubishi: S6S<br>Includes complete fuel system |

## NISSAN

| ORDER #  | MAKE: MODEL, NOTES                                                                                                                                 |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| NIA15R   | Nissan: A15<br>TCM spec front cover                                                                                                                |
| NIJ15R   | Nissan: J15<br>Center motor mount version only - includes front cover                                                                              |
| NIH20SR  | Nissan: H20 Two Bolt<br>Two bolt t-stat.<br>Ships without front cover assy,<br>Front cover gaskets supplied                                        |
| NIH20-3R | Nissan: H20 Three Bolt<br>Three bolt t-stat.<br>Ships without front cover assy,<br>Front cover gaskets supplied                                    |
| NIH20KR  | Nissan: H20-K<br>Two bolt t-stat - oil filter screws,<br>directly onto engine block,<br>Ships without front cover,<br>Front cover gaskets supplied |

| ORDER #    | MAKE: MODEL, NOTES                                                                |
|------------|-----------------------------------------------------------------------------------|
| NIH20-IIR  | Nissan: H20-II<br>Ships without front cover assy,<br>Front cover gaskets supplied |
| NIH25R     | Nissan: H25<br>Ships without front cover assy,<br>Front cover gaskets supplied    |
| NIK21R     | Nissan: K21<br>Includes PTO style front cover                                     |
| NIK25R     | Nissan: K25<br>Includes PTO style front cover                                     |
| NIP40R     | Nissan: P40<br>Ships without front cover assy,<br>Front cover gaskets supplied    |
| NITB45R    | Nissan: TB45E                                                                     |
| NITB42R    | Nissan: TB42 (35mm crkns)<br>35mm crank nose                                      |
| NITB42-43R | Nissan: TB42 (43mm crkns)<br>43mm crank nose                                      |

## PEUGOUT

| ORDER # | MAKE: MODEL, NOTES |
|---------|--------------------|
| PGXN1PR | Peugout: XNIP      |

## TOYOTA

| ORDER # | MAKE: MODEL, NOTES                                                            |
|---------|-------------------------------------------------------------------------------|
| TY4YR   | Toyota: 4Y<br>Ships without front cover assy,<br>Front cover gaskets supplied |

# ADDITIONAL ENGINES AVAILABLE   LOS MOTORES DISPONIBLES ADICIONALES   D'AUTRES MOTEURS DISPONIBLES

| ORDER #    | MAKE: MODEL, NOTES                                                                 |
|------------|------------------------------------------------------------------------------------|
| ACG153R    | Allischalmers: G153                                                                |
| ACG230R    | Allischalmers: G230                                                                |
| CYIND30R   | Chrysler: IND30                                                                    |
| CYH225R    | Chrysler: H225                                                                     |
| CNF162R    | Continental: F162                                                                  |
| CNF163R    | Continental: F163                                                                  |
| CNF227R    | Continental: F227                                                                  |
| CNY112R    | Continental: Y112                                                                  |
| FD300R     | Ford: 300                                                                          |
| FD172R     | Ford: 172G                                                                         |
| FD192R     | Ford: 192G                                                                         |
| GM2.4R     | GM: 2.4                                                                            |
| HE1404-LVR | Hercules: G1600 Daewoo (LG)<br>Daewoo spec front cover - large valve cylinder head |
| HE1404-SVR | Hercules: G1600 Daewoo (SM)<br>Daewoo spec front cover - small valve cylinder head |
| IS4JB1R    | Isuzu: 4JB1                                                                        |
| ISC240R    | Isuzu: C240                                                                        |
| MZVA2R     | Mazda: VA                                                                          |
| MZUAR      | Mazda: UA                                                                          |
| MBS4ER     | Mitsubishi: S4E                                                                    |
| MBS6ER     | Mitsubishi: S6E<br>Includes complete fuel system                                   |
| MBS6ER-2R  | Mitsubishi: S6E-2<br>Includes complete fuel system                                 |
| NID11R     | Nissan: D11                                                                        |
| NIH30R     | Nissan: H30<br>Ships without front cover Assy, Front cover gaskets supplied        |
| NISD22R    | Nissan: SD22 DIESEL                                                                |
| NISD25R    | Nissan: SD25 DIESEL INLINE<br>Includes complete fuel system                        |

| ORDER #    | MAKE: MODEL, NOTES                                             |
|------------|----------------------------------------------------------------|
| NISD25ROTR | Nissan: SD25 DIESEL ROTARY<br>Includes complete fuel system    |
| NISD33R    | Nissan: SD33 DIESEL                                            |
| NISD33TR   | Nissan: SD33T DIESEL                                           |
| NIFD6R     | Nissan: FD6 DIESEL                                             |
| PK4.236GR  | Perkins: 4.236 GAS                                             |
| PK4.236DR  | Perkins: 4.236 DIESEL                                          |
| PK4.248DR  | Perkins: 4.248 DIESEL                                          |
| PK6.354R   | Perkins: 6.354 DIESEL                                          |
| PK704-26R  | Perkins: 704-26 DIESEL                                         |
| PK704-30R  | Perkins: 704-30 DIESEL                                         |
| PK1004R    | Perkins: 1004 DIESEL                                           |
| PK1004.42R | Perkins: 1004.42 DIESEL                                        |
| PK1006R    | Perkins: 1006 DIESEL                                           |
| TY5R-1R    | Toyota: 5R-LATE<br>Late style - Engine serial # 1602811 and up |
| TY5RCR     | Toyota: 5R                                                     |
| TY5RR      | Toyota: 5R-EARLY                                               |
| TY2FR      | Toyota: 2F                                                     |
| TY2RR      | Toyota: 2R                                                     |
| TY3FR      | Toyota: 3F                                                     |
| TY4PR      | Toyota: 4P                                                     |
| TY4P-LATER | Toyota: 4P                                                     |
| TY1DZR     | Toyota: 1DZ DIESEL                                             |
| TY1DZ-2R   | Toyota: 1DZ-II DIESEL                                          |
| TY1ZR      | Toyota: 1Z DIESEL                                              |
| TY11ZR     | Toyota: 11Z DIESEL                                             |
| TY13ZR     | Toyota: 13Z DIESEL                                             |
| WKD155R    | Waukesha: D155G                                                |
| WKD176R    | Waukesha: D176G                                                |

## CHEMICALS   QUÍMICOS   PRODUITS CHIMIQUES

| PART #  | DESCRIPTION                                                                                                  |
|---------|--------------------------------------------------------------------------------------------------------------|
| SY9860  | SAE 30W Quart Motor Oil<br>12 per case, 1176 per skid<br>American Petroleum Institute Certified              |
| SY9862  | SAE 10W30 Quart Motor Oil<br>12 per case, 1176 per skid<br>American Petroleum Institute Certified            |
| SY9868  | SAE 15W40 Quart Motor Oil<br>12 per case, 1176 per skid<br>American Petroleum Institute Certified            |
| SY35857 | 5W30 Full Synthetic Quart Motor Oil<br>12 per case, 1176 per skid<br>American Petroleum Institute Certified  |
| SY35858 | 10W30 Full Synthetic Quart Motor Oil<br>12 per case, 1176 per skid<br>American Petroleum Institute Certified |



| PART # | DESCRIPTION                                                                                                                                 |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|
| SY9870 | Extended Life Antifreeze and Coolant<br>Protection for all metals, including aluminum,<br>low-silicate, anti-foam and anti-boil<br>1 Gallon |
| SY9878 | 50/50 Ready Mix Antifreeze and Coolant<br>Protection for all metals, including aluminum<br>1 Gallon                                         |



## OIL PANS   CAJAS DE RETENCIÓN   BIDONS D'HUILE



| PART #    | DESCRIPTION                                         |
|-----------|-----------------------------------------------------|
| SYBZ05070 | 7.5 QT / 7.125L<br>14.75" x 14.50" x 3.75"<br>Round |

| PART #    | DESCRIPTION                               |
|-----------|-------------------------------------------|
| SYBZ11838 | 15 QT / 14.25L<br>24.00" x 18.00" x 6.75" |

| PART #      | DESCRIPTION                                                                   |
|-------------|-------------------------------------------------------------------------------|
| SY105TA2777 | 15.85 QT / 15L<br>24.00" x 18.00" x 6.75"<br>Inlet and outlet can be shut off |

# TOTAL SOURCE®

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