

# DH200/200LC

Parts Manual

2021-7019AL

Serial Number 001 and Up

February 1999

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**Fig.011 CYLINDER BLOCK  
BLOC CYLINDRES**

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REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description                         | Description                                  | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|-------------------------------------|----------------------------------------------|------------|---------------------------|
|                      |                         | CYLINDER BLOCK                      | BLOC CYLINDRES                               |            |                           |
| 011--                | 65.01101-6021           | Cylinder block ass'y(with 11)       | Ensemble bloc cylindres                      | 1          |                           |
| 1                    | 65.01101-0011           | Block : cylinder                    | Bloc cylindres                               | 1          |                           |
| 2                    | 65.91606-0016           | Plug : core hole                    | Bouchon de dessablage                        | 3          |                           |
| 3                    | 06.15091-0313           | Plug : core 20                      | Bouchon de dessablage 20                     | 2          |                           |
| -                    | 65.91020-0013           | Plug                                | Bouchon                                      | 1          |                           |
| 4                    | 65.05701-0010           | Pipe : oil delivery(cylinder block) | Tuyau d'arrivée d'huile                      | 2          |                           |
| 5                    | 65.91001-0002           | Plug                                | Bouchon                                      | 2          |                           |
| 6                    | 65.01105-1141           | Cap : bearing(No.7)                 | Chapeau de palier (n°7)                      | 1          |                           |
| 7~9                  | 65.01105-1154           | Cap : bearing(No.1, 2, 3, 5, 6)     | Chapeau de palier (n°1, 2, 3, 5, 6)          | 5          |                           |
| -                    | 65.01105-1155           | Cap : bearing(No.4)                 | Chapeau de palier (n°4)                      | 1          |                           |
| 10                   | 65.91710-0035           | Ring : locating                     | Bague de centrage                            | 14         |                           |
| 11                   | 65.90020-0013           | Bolt : bearing cap                  | Vis de chapeau de palier                     | 14         |                           |
| 12                   | 65.01201-0010           | Liner : cylinder(ALTV)              | Chemise de cylindre                          | 6          |                           |
| 13                   | 65.01901-0097           | Gasket(chamber cover, middle)       | Joint de couvercle médian                    | 1          |                           |
| 14                   | 65.01112-0015           | Cover : push rod chamber            | Couvercle logement tige de poussoir          | 1          |                           |
| 15                   | 65.01901-0098           | Gasket(chamber cover)               | Joint de couvercle                           | 4          |                           |
| 16                   | 65.01112-5016           | Push rod chamber cover ass'y        | Ensemble couvercle logement tige de poussoir | 1          |                           |
| -                    | 65.01112-5015           | Push rod chamber cover ass'y        | Ensemble couvercle logement tige de poussoir | 1          |                           |
| 17                   | 65.01112-0075           | Plate                               | Plaque                                       | 1          |                           |
| -                    | 65.01112-0014           | Plate                               | Plaque                                       | 1          |                           |
| 25                   | 06.06225-0704           | Bolt : stud M8×18                   | Goujon M8×18                                 | 8          |                           |
| 26                   | 06.01283-7113           | Bolt : hex. M8×25                   | Vis à tête hexagonale M8×25                  | 22         |                           |
| 27                   | 06.16044-0210           | Washer : spring B8                  | Rondelle à ressort B8                        | 30         |                           |
| 28                   | 06.11063-8214           | Nut : hex. M8                       | Ecrou hexagonal M8                           | 8          |                           |
| 29                   | 65.90310-0048           | Screw : plug                        | Bouchon vissant                              | 5          |                           |
| 30                   | 06.56180-0716           | Ring : seal A10×16                  | Bondelle d'étanchéité A10×16                 | 5          |                           |
| 31                   | 65.98130-0029           | Screw : spacer                      | Vis d'entretoise                             | 1          |                           |
| 32                   | 65.98130-0030           | Adapter                             | Adaptateur                                   | 6          |                           |
| 34                   | 06.22022-0907           | Pin : dowel 6m6×10                  | Goujon d'assemblage 6m6×10                   | 6          |                           |
| 35                   | 65.91605-0010           | Cover : end                         | Couvercle frontal                            | 1          |                           |
| 36                   | 06.96601-0040           | Gasket(end cover)                   | Joint de couvercle                           | 1          |                           |
| 37                   | 06.01283-7111           | Bolt : hex. M8×16                   | Vis à tête hexagonale M8×16                  | 4          |                           |
| 38                   | 06.16731-2107           | Washer : spring A8                  | Rondelle à ressort A8                        | 4          |                           |
| 40                   | 06.56190-0713           | Ring : seal A18×24                  | Rondelle d'étanchéité A18×24                 | 1          |                           |
| 41                   | 65.90310-0064           | Lug : screw                         | Bouchon vissant                              | 1          |                           |
| 42                   | 65.96301-0116           | Hose : rubber                       | Tuyau caoutchouc                             | 2          |                           |
| 43                   | 06.67020-0106           | Clamp : hose                        | Collier                                      | 2          |                           |
| 44                   | 06.01733-1306           | Bolt : hex. M12                     | Vis à tête hexagonale M12                    | 1          |                           |
| 45                   | 06.01283-7211           | Bolt : hex. M10                     | Vis à tête hexagonale M10                    | 1          |                           |
| 46                   | 65.97401-0115           | Clip                                | Attache                                      | 2          |                           |
|                      |                         | OIL SPRAY NOZZLE                    | INJECTEUR D'HUILE                            |            |                           |
| 47                   | 65.01601-4001           | Oil spray nozzle ass'y              | Ensemble injecteur d'huile                   | 6          |                           |
| -                    | 06.31641-0211           | Ball grade III DIN 5401             | Bille classe III DIN 5401 1/8"               | 6          |                           |
| 48                   | 06.16044-0213           | Washer : spring B14                 | Rondelle à ressort B14                       | 6          |                           |
| 49                   | 65.05405-6001           | Oil pressure valve ass'y            | Ensemble soupape de pression d'huile         | 6          |                           |
|                      |                         | LIFTING HOOK                        | CROCHET DE LEVAGE                            |            |                           |

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011-01

Fig.015 PISTON  
PISTON

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description                                | Description                                   | Qty<br>Qté | Serial No.<br>N° de Serie |
|----------------------|-------------------------|--------------------------------------------|-----------------------------------------------|------------|---------------------------|
|                      |                         | <b>PISTON</b>                              | <b>PISTON</b>                                 |            |                           |
| 015-1                | 65.02501-0014           | Piston                                     | Piston                                        | 6          |                           |
| 2                    | 65.02503-0020           | Ring : compression                         | Segment d'étanchéité                          | 6          |                           |
| 3                    | 65.02503-0021           | Ring : taper                               | Segment conique                               | 6          |                           |
| 4                    | 65.02503-0019           | Ring : oil                                 | Segment racleur                               | 6          |                           |
| 5                    | 65.02502-0016           | Pin : piston                               | Axe de piston                                 | 6          |                           |
| 6                    | 06.29020-0126           | Ring : snap 42×1.75                        | Circlips 42×1.75                              | 12         |                           |
|                      |                         | <b>CONNECTING ROD</b>                      | <b>BIELLE</b>                                 |            |                           |
| -                    | 65.02401-6101           | Connecting rod ass'y(with 7~10)            | Ensemble de bielle ( #07 à 10)                | 6          |                           |
| 7                    | 65.02401-0030           | Rod : connecting                           | Bielle                                        | 6          |                           |
| 8                    | 65.90020-0009           | Bolt : connecting rod                      | Boulon de bielle                              | 12         |                           |
| 9                    | 65.91301-0010           | Pin : dowel                                | Cheville                                      | 12         |                           |
| 10                   | 65.02405-0014           | Bush : small end                           | Bague de pied de bielle                       | 6          |                           |
|                      |                         | <b>CONNECTING ROD BEARING</b>              | <b>COUSSINET DE TETE DE BIELLE</b>            |            |                           |
| 11                   | 65.02410-6073           | Connecting rod bearing ass'y (DIA 71.00mm) | Ensemble coussinet tête de bielle (φ71.00 mm) | 6          |                           |
| -                    | 65.02410-6074           | Bearing : connecting rod(DIA 70.75mm)      | Coussinet tête de bielle (φ70.75 mm)          | 6          |                           |
| -                    | 65.02410-6075           | Bearing : connecting rod(DIA 70.50mm)      | Coussinet tête de bielle (φ70.50 mm)          | 6          |                           |
| -                    | 65.02410-6076           | Bearing : connecting rod(DIA 70.25mm)      | Coussinet tête de bielle (φ70.25 mm)          | 6          |                           |
| -                    | 65.02410-6077           | Bearing : connecting rod(DIA 70.00mm)      | Coussinet tête de bielle (φ70.00 mm)          | 6          |                           |

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**Fig.020 OIL FILTER  
FILTRE A HUILE**

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description             | Description                    | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|-------------------------|--------------------------------|------------|---------------------------|
|                      |                         | <b>OIL FILTER</b>       | <b>FILTRE A HUILE</b>          |            |                           |
| 020-1                | 65.05901-0052           | Gasket(oil filter)      | Joint (filtre à huile)         | 1          |                           |
| 2                    | 06.01283-7118           | Bolt ; hex. M8×35       | Vis à tête hexagonale M8×35    | 2          |                           |
| 3                    | 06.01013-9140           | Bolt ; hex. M8×105      | Vis à tête hexagonale M8×105   | 2          |                           |
| 4                    | 06.16731-2107           | Washer ; spring A8      | Rondelle à ressort A8          | 4          |                           |
|                      | 65.05501-7036           | Oil filter ass'y        | Ensemble filtre à huile        | 1          |                           |
| 5                    | 65.05503-0111           | Head ; filter           | Corps de filtre                | 1          |                           |
| 6                    | 06.56010-0724           | O-ring $\phi$ 123.5×140 | Joint torique $\phi$ 123,5×140 | 1          |                           |
| 7                    | 65.05560-6001           | Valve ; over flow       | Clapet de trop-plein           | 1          |                           |
| 8                    | 65.97601-0065           | Spring ; valve          | Ressort de clapet              | 1          |                           |
| 9                    | 65.97610-0004           | Ring ; seal             | Bague d'étanchéité             | 1          |                           |
| 10                   | 65.90310-0055           | Screw ; plug            | Bouchon vissant                | 1          |                           |
| 11                   | 65.05518-0003           | Plunger ; valve         | Pourroir de clapet             | 1          |                           |
| 12                   | 65.97601-0065           | Spring ; valve          | Ressort de clapet              | 1          |                           |
| 13                   | 06.56190-0716           | Washer                  | Rondelle plate                 | 1          |                           |
| 14                   | 65.90310-0057           | Screw ; plug            | Bouchon vissant                | 1          |                           |
| 15                   | 65.05509-0004           | Ring ; seal             | Bague d'étanchéité             | 2          |                           |
| 16                   | 65.05509-0003           | Ring ; seal             | Bague d'étanchéité             | 1          |                           |
| 17                   | 65.05517-0007           | Plate ; seating         | Plaque support                 | 1          |                           |
| 18                   | 65.05502-5001           | Housing ; filter        | Cuve de filtre                 | 1          |                           |
| 19                   | 06.56190-0718           | Washer                  | Rondelle plate                 | 1          |                           |
| 20                   | 65.90310-5007           | Plug ; drain            | Bouchon de vidange             | 1          |                           |
| 21                   | 06.56190-0706           | Washer                  | Rondelle plate                 | 1          |                           |
| 22                   | 65.05507-0010           | Bolt ; center           | Vis centrale                   | 1          |                           |
| 23                   | 65.05504-5012           | Element ; paper         | Elément filtrant               | 1          |                           |

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020-11

Fig.025 PREHEATING SYSTEM  
SYSTEME DE PRECHAUFFAGE

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description              | Description                                    | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|--------------------------|------------------------------------------------|------------|---------------------------|
|                      |                         | PREHEATING SYSTEM        | SYSTEME DE PRECHAUFFAGE                        |            |                           |
| 025-1                | 65.26803-0001           | Plug ; preheater         | Bougie de préchauffage                         | 2          |                           |
| 2                    | 65.25902-6001           | Valve ; magnet 24V       | Soupape magnétique 24 V                        | 1          |                           |
| 3                    | 65.97480-0239           | Holder                   | Support                                        | 1          |                           |
| 4                    | 06.16731-2105           | Washer ; spring A6       | Rondelle à ressort A6                          | 1          |                           |
| 5                    | 06.01283-6910           | Bolt ; hex. M6×12        | Vis à tête hexagonale M6×12                    | 2          |                           |
| 6                    | 65.12301-5219           | Fuel pipe ass'y(preplug) | Ensemble tubulure gazole( bougie préchauffage) | 1          |                           |
| 7                    | 65.12301-5218           | Fuel pipe ass'y(preplug) | Ensemble tubulure gazole( bougie préchauffage) | 1          |                           |
| 8                    | 65.98150-0027           | Screw ; hollow           | Vis creuse                                     | 1          |                           |
| 9                    | 06.56180-0716           | Ring ; seal A10×16       | Bague d'étanchéité A10×16                      | 3          |                           |
| 10                   | 65.96341-0011           | Hose ; fuel              | Flexible à gazote                              | 1          |                           |
| 11                   | 65.98150-0028           | Screw ; hollow M10×1.0   | Vis creuse M10x1.0                             | 1          |                           |
| 12                   | 06.56180-0714           | Ring ; seal A10×15       | Bague d'étanchéité A10×15                      | 2          |                           |
| 13                   | 06.98131-0037           | Screw ; spacer           | Vis d'écartement                               | 1          |                           |
| 14                   | 06.56190-0704           | Ring ; seal A12×18       | Bague d'étanchéité A12×18                      | 2          |                           |
| -                    | 65.25907-0001           | Resister 24V             | Résistance 24 V                                | 1          |                           |

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Fig.029 FUEL FILTER(1)  
FILTRE A GAZOLE(1)

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| Key No.<br>N°repère | Part No.<br>N° de Pièce | Description               | Description                  | Qty<br>Qté | Serial No.<br>N° de Série |
|---------------------|-------------------------|---------------------------|------------------------------|------------|---------------------------|
| 029-                | 65.12501-7014           | FUEL FILTER               | FILTRE A GAZOLE              |            | 001~156                   |
| 1                   | 65.12503-5005           | Fuel filter ass'y         | Ensemble filtre à gazole     | 1          |                           |
| 3                   | 65.12504-0006           | Element : filter(primary) | Element filtrant (primaire)  | 1          |                           |
| 4                   | 65.12506-0004           | Cover : fuel filter       | Couvercle de filtre à gazole | 1          |                           |
| 5                   | 65.12510-0001           | Packing : fuel filter     | Joint de filtre à gazole     | 1          |                           |
| 6                   | 65.12510-0001           | Bolt : hex. M14×50        | Vis à tête hexagonale M14×50 | 1          |                           |
| 7                   | 06.56011-0306           | Ring : seal               | Rondelle d'étanchéité        | 1          |                           |
| 8                   | 65.12609-0003           | Screw : breather M8       | Vis-reniflard MB             | 1          |                           |
| 9                   | 65.96507-0003           | Ring : seal               | Rondelle d'étanchéité        | 1          |                           |
| 11                  | 65.12503-0001           | Housing : fuel filter     | Cuve de filtre à gazole      | 1          |                           |
| 12                  | 65.12506-0005           | Ring : seal               | Rondelle d'étanchéité        | 1          |                           |
| 13                  | 65.97601-0044           | Spring                    | Ressort                      | 1          |                           |
| 14                  | 65.12506-0002           | Ring : seal               | Rondelle d'étanchéité        | 1          |                           |
| 15                  | 65.12511-0001           | Cover                     | Bague de redouvement         | 1          |                           |
| 16                  | 06.56011-0108           | Washer A10                | Rondelle plate A10           | 1          |                           |
| 16                  | 06.08093-2402           | Bolt : hex.               | Vis à tête hexagonale        | 1          |                           |

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Fig.034 AIR COMPRESSOR MOUNTING  
SUPPORT DE COMPRESSEUR D'AIR

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| Key No.<br>N°repère | Part No.<br>N° de Pièce | Description                           | Description                           | Qty<br>Qté | Serial No.<br>N° de Série |
|---------------------|-------------------------|---------------------------------------|---------------------------------------|------------|---------------------------|
|                     |                         | AIR COMPRESSOR                        | COMPRESSEUR D'AIR                     |            |                           |
| 034-17              | 65.54903-0013           | Gasket(air compressor mounting plate) | Joint (plaque support de compresseur) | 1          |                           |
| 18                  | 65.54302-5002           | Plate ; air compressor mounting       | Plaque support de compresseur d'air   | 1          |                           |
| 21                  | 06.16731-2108           | Washer ; spring A40                   | Rondelle à ressort A40                | 4          |                           |
| 22                  | 06.02090-0511           | Bolt ; socket head M10×22             | Vis à 6 pans creux M10×22             | 4          |                           |
| 23                  | 65.53406-0009           | Bracket ; air compressor angle        | Cornière-support de compresseur       | 1          |                           |
| 24                  | 06.16731-2108           | Washer ; spring A10                   | Rondelle à ressort A10                | 2          |                           |
| 25                  | 06.01283-7213           | Bolt ; hex. M10×20                    | Vis à tête hexagonale M10×20          | 2          |                           |
| 26                  | 06.16731-2108           | Washer ; spring A10                   | Rondelle à ressort A10                | 3          |                           |
| 27                  | 06.01283-7213           | Bolt ; hex. M10×20                    | Vis à tête hexagonale M10×20          | 3          |                           |
| 28                  | 65.95840-0007           | Bracket ; air compressor mounting     | Support de compresseur d'air          | 1          |                           |
|                     |                         | IDLE PULLEY                           | POULIE FOLLE                          |            |                           |
| 29                  | 65.95800-6014           | Idle pulley ass'y                     | Ensemble poulie folle                 | 1          |                           |
| -                   | 65.95820-0015           | Pulley ; idle                         | Poulie folle                          | 1          |                           |
| 30                  | 06.29020-0128           | Ring ; snap 40×1.75                   | Circlips 40×1.75                      | 1          |                           |
| 31                  | 06.15030-0518           | Washer 17                             | Rondelle plate 17                     | 1          |                           |
| 32                  | 06.31440-4711           | Bearing ; ball #6203                  | Roulement à billes #6203              | 2          |                           |
| 33-1                | 65.91020-0017           | Pin ; idle pulley                     | Axe de poulie folle                   | 1          |                           |
| 33-2                | 65.91701-0388           | Bush ; spacer                         | Douille d'espacement                  | 1          |                           |
| 34                  | 65.91605-0021           | Cover ; core hole                     | Couvercle de trou de dessablage       | 1          |                           |
| 35                  | 65.91605-0020           | Cover ; core hole                     | Couvercle de trou de dessablage       | 1          |                           |
| 36                  | 06.15120-0114           | Washer 18                             | Rondelle plate 18                     | 1          |                           |
| 37                  | 65.90720-0080           | Washer                                | Rondelle plate                        | 1          |                           |
| 38                  | 06.16731-2111           | Washer ; spring                       | Rondelle à ressort                    | 1          |                           |
| 39                  | 06.11063-9218           | Nut ; hex. M16×1.5                    | Ecrou hexagonal M16×1.5               | 1          |                           |

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Fig.104 RADIATOR (2)  
RADIATOR (2)

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description         | Description              | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|---------------------|--------------------------|------------|---------------------------|
| 104--                | 2202-9015A              | Radiator ass'y      | Ensemble radiateur       | 1          | 137~                      |
| 01                   | 13260000-1              | Radiator            | Radiateur                | 1          |                           |
| 02                   | 13260000-2              | Cooler : oil        | Refroidisseur d'huile    | 1          |                           |
| 03                   | 13260000-3              | Frame               | Chassis                  | 1          |                           |
| 04                   | 13260000-4              | Cover : fan         | Couvercle de ventilateur | 1          |                           |
| 05                   | 13260000-5              | Guard               | Grille de ventilateur    | 1          |                           |
| 06                   | P06                     | Cap                 | Bouchon                  | 1          |                           |
| 08                   | P04                     | Drain cock          | Robinet de vidange       | 1          |                           |
| 09                   | P03B                    | Drain hose          | Durite de vidange        | 1          |                           |
| 10                   | 13260000-6-1            | Rubber              | Caoutchouc               | 1          |                           |
| 11                   | P11C                    | Bolt M10×1.25×26    | Vis M10×1.25×20          | 8          |                           |
| 12                   | P14E                    | Washer : spring M10 | Rondelle à ressort M10   | 16         |                           |
| 13                   | P13C                    | Washer : plain M10  | Rondelle plate M10       | 16         |                           |
| 14                   | P11C                    | Bolt M10×1.25×26    | Vis M10×1.25×26          | 8          |                           |
| 15                   | P16A                    | Bolt M8×1.25×15     | Vis M8×1.25×15           | 8          |                           |
| 16                   | P13B                    | Washer : plain M8   | Rondelle plate M8        | 8          |                           |
| 17                   | P14B                    | Washer : spring M8  | Rondelle à ressort M8    | 8          |                           |
| 18                   | P11B                    | Bolt M8×1.25×15     | Vis M8×1.25×15           | 4          |                           |
| 19                   | P13D                    | Washer : plain M8   | Rondelle plate M8        | 4          |                           |
| 20                   | P14D                    | Washer : spring M8  | Rondelle à ressort M8    | 4          |                           |
| 21                   | 13260000-6-2            | Rubber              | Caoutchouc               | 2          |                           |
| 22                   | 13260000-6-3            | Holder : tank       | Poignee, reservoir       | 2          |                           |

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**Fig.109 CENTER JOINT  
JOINT TOURNANT**

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | D e s c r i p t i o n | D e s c r i p t i o n  | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|-----------------------|------------------------|------------|---------------------------|
| 109--                | 2480-1002               | Center joint          | Joint tournant         | 1          |                           |
| 01                   | 2481-1001B              | Body                  | Boîtier                | 1          |                           |
| 02                   | S6250261                | Ball                  | Bille                  | 38         |                           |
| 03                   | S8061000                | Ring : back-up        | Bague de soutien       | 10         |                           |
| 04                   | S8001000                | O-ring P100           | Joint torique P100     | 7          |                           |
| 05                   | 2483-1002A              | Spindle               | Axe                    | 1          |                           |
| 06                   | 2181-1116D5             | Plug                  | Bouchon                | 4          |                           |
| 07                   | 2116-1009               | Plate                 | Bague de roulement     | 1          |                           |
| 08                   | 2116-1018               | Plate : thrust        | Plaque de butée        | 1          |                           |
| 09                   | S0711951                | Bolt M10×1.25×22      | Vis M10×1.25×22        | 4          |                           |
| 10                   | S5102602                | Washer : spring M10   | Rondelle à ressort M10 | 4          |                           |
| 11                   | S8011250                | O-ring G125           | Joint torique G125     | 1          |                           |
| 12                   | S8010251                | O-ring G25            | Joint torique G25      | 4          |                           |
| 13                   | 2181-1035               | Flange                | Bride                  | 1          |                           |
| 14                   | S0560751                | Bolt M12×1.75×50      | Vis M12×1.75×50        | 8          |                           |
| 15                   | S5102702                | Washer : spring M12   | Rondelle à ressort M12 | 12         |                           |
| 16                   | S6710102                | Nipple : grease       | Graisser               | 1          |                           |
| 17                   | S0715361                | Bolt M12×1.25×35      | Vis M12×1.25×35        | 4          |                           |
| 18                   | 2181-1116D3             | Plug PT3/8            | Bouchon PT3/8          | 2          |                           |

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Fig.112 MAIN PIPING  
CIRCUIT HYDRAULIQUE PRINCIPAL

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REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description               | Description                    | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|---------------------------|--------------------------------|------------|---------------------------|
| 112-42               | 2181-1110D5             | Adapter : s               | Raccord                        | 1          | 001~493                   |
|                      | 2181-1110D5             | Adapter : s               | Raccord                        | 2          | 494~                      |
| 43                   | S8010351                | O-ring G35                | Joint torique G35              | 29         | 001~493                   |
|                      | S8010351                | O-ring G35                | Joint torique G35              | 28         | 494~                      |
| 44                   | S2215361                | Bolt : socket M12×1.75×35 | Vis à 6 pans creux M12×1.75×35 | 12         |                           |
| 45                   | S2212261                | Bolt : socket M10×1.5×30  | Vis à 6 pans creux M10×1.5×30  | 68         |                           |
| 46                   | S2212361                | Bolt : socket M10×1.5×35  | Vis à 6 pans creux M10×1.5×35  | 16         |                           |
| 47                   | S2265461                | Bolt : socket M12×1.25×40 | Vis à 6 pans creux M12×1.25×35 | 12         | 001~493                   |
|                      | S2265461                | Bolt : socket M12×1.25×40 | Vis à 6 pans creux M12×1.25×40 | 8          | 494~                      |
| 48                   | S2215861                | Bolt : socket M12×1.75×60 | Vis à 6 pans creux M12×1.75×60 | 8          |                           |
| 49                   | S2212761                | Bolt : socket M10×1.5×55  | Vis à 6 pans creux M10×1.5×55  | 8          |                           |
| 50                   | S8010301                | O-ring G30                | Joint torique G30              | 2          |                           |
| 51                   | S8000261                | O-ring P26                | Joint torique P26              | 2          |                           |
| 52                   | 2420-9105               | Valve : check             | Clapet de retenue              | 2          |                           |
| 53                   | 2426-1003               | Valve                     | Clapet                         | 1          |                           |
| 54                   | 2181-1532               | Elbow : s                 | Coude                          | 2          |                           |
| 55                   | 2195-1957               | Support                   | Support                        | 1          | 001~177                   |
|                      | 2195-2323               | Support                   | Support                        | 1          | 178~                      |
| 56                   | 2124-1242               | Clamp                     | Fixation                       | 1          |                           |
| 57                   | S0721251                | Bolt M16×1.5×30           | Vis M16×1.5×30                 | 2          |                           |
| 58                   | S5102902                | Washer : spring M16       | Rondelle à ressort M16         | 2          |                           |
| 60                   | 2195-1958               | Bracket                   | Support                        | 1          |                           |
| 61                   | S0760451                | Bolt M12×1.25×35          | Vis M12×1.25×35                | 2          |                           |
| 62                   | 2181-1664               | Elbow                     | Coude                          | 1          |                           |
| 63                   | 2184-1027D157           | Hose                      | Flexible                       | 1          |                           |
| 64                   | 2124-1258               | Clamp : hose              | Fixation                       | 2          |                           |
| 65                   | 2191-1858               | Plate                     | Plaquette                      | 2          |                           |
| 66                   | S0761651                | Bolt M12×1.25×95          | Vis M12×1.25×95                | 1          |                           |
| 67                   | 2124-1025D4             | Clamp : pipe              | Fixation                       | 1          |                           |
| 68                   | S2215061                | Bolt : socket M12×1.75×25 | Vis à 6 pans creux M12×1.75×25 | 8          |                           |
| 69                   | 2181-1112D4             | Elbow : 45°               | Coude 45°                      | 1          |                           |

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# Fig. 115 CONTROL STAND CONSOLE DE COMMANDE

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description                 | Description                  | Qty<br>Qté | Serial No.<br>N° de Serie |
|----------------------|-------------------------|-----------------------------|------------------------------|------------|---------------------------|
| 115--                | 2195-1996               | Control stand ass'y         | Ensemble console de commande | 1          |                           |
| 01                   | 2132-9011               | Grip                        | Poignée                      | 1          |                           |
| 02                   | 2355-1003               | Disk                        | Disque                       | 1          |                           |
| 03                   | 2116-1010               | Plate                       | Plaque                       | 1          |                           |
| 04                   | 2130-1001               | Spring : flush              | Ressort                      | 2          |                           |
| 05                   | S4232903                | Nut : castle M16×1.5        | Ecrou crânelé M16×1.5        | 1          |                           |
| 06                   | S5735591                | Pin : split $\phi$ 4.30L    | Goupille fendue $\phi$ 4.30L | 1          |                           |
| 07                   | S0712751                | Bolt M10×1.25×55            | Boulon M10×1.25×55           | 2          |                           |
| 08                   | S4032603                | Nut M10×1.25                | Ecrou M10×1.25               | 2          |                           |
| 09                   | 2120-1036D4             | Bolt M10×1.25×160           | Vis M10×1.25×160             | 1          |                           |
| 10                   | 2131-1110               | Holder : spring             | Logement de ressort          | 1          |                           |
| 11                   | 2131-1111               | Holder : spring             | Logement de ressort          | 1          |                           |
| 12                   | 2129-1221               | Spring                      | Ressort                      | 1          |                           |
| 13                   | 2195-2313H              | Stand : control             | Console de commande          | 1A         | 001~358                   |
|                      | 2195-2313G              | Stand : control             | Console de commande          | 1A         | 359~493                   |
|                      | 2195-2313K              | Stand : control             | Console de commande          | 1A         | 494~                      |
| 14                   | 2195-1984G              | Stand : control             | Console de commande          | 1A         |                           |
| 15                   | 2195-2272               | Stand : control             | Console de commande          | 1A         | 001~255                   |
|                      | 2195-2272A              | Stand : control             | Console de commande          | 1A         | 256~                      |
| 16                   | 2195-1986C              | Stand : control             | Console de commande          | 1A         | 001~493                   |
|                      | 2195-1986E              | Stand : control             | Console de commande          | 1A         | 494~                      |
| 17                   | S0515051                | Bolt M12×1.75×25            | Vis M12×1.75×25              | 13         |                           |
| 18                   | S5102701                | Washer : spring M12         | Rondelle à ressort M12       | 13         |                           |
| 19                   | S5010713                | Washer $\phi$ 14, $\phi$ 24 | Rondelle $\phi$ 14-24        | 13         |                           |
| 20                   | S0711813                | Bolt M10×1.25×20            | Vis M10×1.25×20              | 8          |                           |
| 22                   | S5100603                | Washer spring M10           | Rondelle à ressort M10       | 8          |                           |
| 23                   | S5010613                | Washer                      | Rondelle                     | 8          |                           |
| 24                   | 2133-1377B              | Lever : fuel                | Levier des gaz               | 1A         |                           |
| 25                   | 2621-1436C              | Panel                       | Panneau                      | 1A         |                           |
| 26                   | 2621-1756               | Panel                       | Panneau                      | 1A         | 001~517                   |
|                      | 2621-1756A              | Panel                       | Panneau                      | 1A         |                           |
| 27                   | S3450953                | Screw M6×1.0×10             | Vis M6×1.0×10                | 8          |                           |
| 28                   | S5100303                | Washer : spring M6          | Rondelle à ressort M6        | 14         |                           |
| 29                   | S0504403                | Bolt M6×10×12               | Vis M6×1.0×12                | 6          | 001~493                   |
|                      | S0504403                | Bolt M6×10×12               | Vis M6×1.0×12                | 10         | 494~                      |
| 30                   | 2161-1310               | Stopper                     | Arrêt                        | 2A         |                           |
| 31                   | 2621-1439A              | Cover                       | Panneau latéral              | 1          |                           |
| 32                   | S3451083                | Screw M8×1.25×12            | Vis M8×1.25×12               | 4          |                           |
| 33                   | S5100503                | Washer : spring M8          | Rondelle à ressort M8        | 4          |                           |
| 34                   | 2110-1184D12            | Bushing                     | Manchon                      | 2          | 494~                      |
| 37                   | S0712051                | Bolt M10×1.25×25            | Vis M10×1.25×25              | 4          |                           |
| 38                   | S5102601                | Washer : spring M10         | Rondelle à ressort M10       | 8          |                           |
| 39                   | S5010613                | Washer                      | Rondelle                     | 8          |                           |
| 40                   | 2133-1357B              | Lever                       | Levier                       | 1A         | 001~493                   |
|                      | 2133-1708               | Lever                       | Levier                       | 1A         | 494~                      |
| 41                   | 2133-1358C              | Lever                       | Levier                       | 1A         | 001~493                   |
|                      | 2133-1709               | Lever                       | Levier                       | 1A         | 494~                      |

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Fig.117 CAB PARTS(1)  
CABINE ; PIECES DETACHEES(1) (001~517)

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description         | Description              | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|---------------------|--------------------------|------------|---------------------------|
| 117-103              | 2195-1491               | • Bracket           | • Support                | 1          |                           |
| 104                  | 2133-1366               | • Lever             | • Levier                 | 1          |                           |
| 104A                 | 2195-1493               | • Bracket           | • Support                | 1          |                           |
| 105                  | 2123-1179               | • Pin               | • Goupille               | 1          |                           |
| 106                  | 2195-1493               | • Bolt M8×1.25×12   | • Vis M8×1.25×12         | 2          |                           |
| 107                  | 2129-1047               | • Spring            | • Ressort                | 1          |                           |
| 108                  | 2160-1025               | • Cap               | • Recouvrement           | 1          |                           |
| 109                  | 2161-1039               | • Stopper           | • Taquet d'arrêt         | 2          |                           |
| 110                  | 2142-1023               | • Striker           | • Pêne de verrouillage   | 1          |                           |
| 111                  | S3453103                | • Screw M8×1.25×16  | • Vis M8×1.25×16         | 2          |                           |
| 112                  | 2160-1023               | Rubber              | Caoutchouc               | 1          |                           |
| 113                  | 2623-1066               | Guard               | Protection               | 1          |                           |
| 114                  | S0504413                | Screw M6×1.0×12     | Vis M6×1.0×12            | 2          |                           |
| 115                  | S5102303                | Washer : spring M6  | Rondelle à ressort M6    | 2          |                           |
| 116                  | 2160-1023               | Rubber              | Caoutchouc               | 1          |                           |
| 117                  | 2161-1248               | Stopper             | Taquet d'arrêt           | 2          |                           |
| 118                  | S0508613                | Bolt                | Vis                      | 4          |                           |
| 119                  | S5102503                | Washer : spring M8  | Rondelle à ressort M8    | 6          |                           |
| 120                  | 2161-1247               | Stopper             | Taquet d'arrêt           | 1          |                           |
| 121                  | S0508313                | Bolt M8×1.25×10     | Vis M8×1.25×10           | 2          |                           |
| 122                  | 2161-1089               | Stopper             | Taquet d'arrêt           | 2          |                           |
| 124                  | 2160-1150               | Bushing : rubber    | Garnissage caoutchouc    | 3          |                           |
| 125                  | 2194-1008A              | Rail : hand         | Poignée                  | 1          |                           |
| 126                  | S0711613                | Bolt M10×1.25×16    | Vis M10×1.25×16          | 4          |                           |
| 127                  | S5102603                | Washer : spring M10 | Rondelle à ressort M10   | 4          |                           |
| 128                  | 2150-1105               | Hook                | Crochet                  | 1          |                           |
| 129                  | S0502813                | Bolt M5×0.8×10      | Vis M5×0.8×10            | 6          |                           |
| 130                  | S5102203                | Washer : spring M5  | Rondelle à ressort M5    | 6          |                           |
| 131                  | 2621-1365               | Tray                | Cendrier                 | 1          |                           |
| 134                  | 2161-1033               | Cushion             | Suspension               | 1          |                           |
| 135                  | S3450863                | Screw M5×0.8×22     | Boulon M5×0.8×22         | 1          |                           |
| 136                  | 2114-1166               | Washer              | Rondelle plate           | 1          |                           |
| 137                  | S4404202                | Nut M5×0.8          | Ecrou M5×0.8             | 1          |                           |
| 139                  | 2903-1084               | Glass               | Vitre                    | 1          |                           |
| 140                  | 2198-1029               | Rubber : H          | Joint de caoutchouc en H | 1          |                           |
| 141                  | 2161-1245               | Rubber              | Caoutchouc               | 1          |                           |
| 142                  | S3603212                | Screw               | Vis                      | 4          |                           |
| 144                  | 2125-1041               | Lock                | Loquet                   | 1          |                           |
| 145                  | 2125-1040               | Lock'               | Loquet                   | 1          |                           |
| 146                  | S0711751                | Bolt M10×1.25×18    | Vis M10×1.25×18          | 2          |                           |
| 147                  | S5100602                | Washer : spring M10 | Rondelle à ressort M10   | 4          |                           |
| 148                  | 2171-1020               | Hinge : door        | Charnière de porte       | 2          |                           |
| 149                  | S0712013                | Bolt M10×1.25×25    | Vis M10×1.25×25          | 12         |                           |
| 150                  | S5102603                | Washer : spring M10 | Rondelle à ressort M10   | 12         |                           |
| 151                  | S0711651                | Bolt M10×1.25×16    | Vis M10×1.25×16          | 2          |                           |
| 152                  | 2541-1004               | Antenna             | Antenne                  | 1          |                           |
| 153                  | 2145-1155               | Stay                | Barre de maintien        | 1          |                           |

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Fig.118 CAB PARTS(2)  
CABINE; PIECES DETACHEES (2) (518~)

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | D e s c r i p t i o n | D e s c r i p t i o n   | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|-----------------------|-------------------------|------------|---------------------------|
| 140                  | S5102303                | • Washer : spring M6  | • Rondelle à ressort M6 | 2          |                           |
| 141                  | 2160~1192               | • Bushing : rubber    | • Garnissage caoutchouc | 1          |                           |

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Fig.122 CAR HEATER PIPING  
CHAUFFAGE CABINE

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | D e s c r i p t i o n | D e s c r i p t i o n | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|-----------------------|-----------------------|------------|---------------------------|
| 122--                | 2400-1155               | Piping : heater       | Chauffage cabine      | 1          |                           |
| 01                   | 2124-1024D3             | Clamp : hose          | Collier               | 4          |                           |
| 02                   | 2124-1084D3             | Clip                  | Attache               | 6          |                           |
| 03                   | 2185-1007D4             | Hose                  | Tuyau flexible        | 1          |                           |
| 04                   | 2185-1007D9             | Hose                  | Tuyau flexible        | 1          |                           |
| 05                   | 2186-9005               | Cock                  | Robinet               | 1          |                           |
| 06                   | 2920-6100A              | Heater                | Chauffage             | 1          |                           |
| 07                   | 2124-1027D8             | Clamp                 | Fixation              | 1          |                           |
| 08                   | 2181-9022               | Connector             | Raccord               | 1          |                           |

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**Fig. 125 ELECTRIC PARTS (2)**  
**EQUIPEMENT ELECTRIQUE (2)**

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description            | Description                      | Qty<br>Qté | Serial No.<br>N° de Serie |
|----------------------|-------------------------|------------------------|----------------------------------|------------|---------------------------|
|                      | 2549-9035               | Switch : hyd. oil      | Contacteur liquid hydraulique    | 1          | 110~301                   |
| 36                   | 2549-9035A              | Switch : hyd. oil      | Contacteur liquide hydraulique   | 1          | 302~                      |
| 37                   | 2180-1121               | Gasket                 | Joint                            | 1          |                           |
| 38                   | S0504603                | Bolt M6×1.0×16         | Vis M6×1.0×16                    | 4          |                           |
| 39                   | S5100302                | Washer : spring M6     | Rondelle à ressort M6            | 4          |                           |
| 40                   | 2528-9013               | Switch : engine oil    | Contacteur huile moteur          | 1          | 001~109                   |
|                      | 2549-9035               | Switch : engine oil    | Contacteur huile moteur          | 1          | 110~301                   |
|                      | 2549-9035A              | Switch : engine oil    | Contacteur huile moteur          | 1          | 302~                      |
| 41                   | 2516-9008               | Horn                   | Avertisseur sonore               | 1          |                           |
| 42                   | S0508803                | Bolt M8×1.25×22        | Vis M8×1.25×20                   | 2          |                           |
| 43                   | S5100502                | Washer : spring M8     | Rondelle à ressort M8            | 4          |                           |
| 44                   | 81.25907-0023           | Resistor : control     | Résistance de contrôle           | 1          |                           |
| 45                   | S0504403                | Bolt M6×1.0×12         | Vis M6×1.0×12                    | 2          |                           |
| 46                   | S5100302                | Washer : spring M6     | Rondelle à ressort M6            | 2          |                           |
| 47                   | 2530-1209               | Harness : main         | Faisceau principal               | 1          | 001~115                   |
|                      | 2530-1209C              | Harness : main         | Faisceau principal               | 1          | 116~285                   |
|                      | 2530-1209G              | Harness : main         | Faisceau principal               | 1          | 286~357                   |
|                      | 2530-1209H              | Harness : main         | Faisceau principal               | 1          | 358~517                   |
|                      | 2530-1209J              | Harness : main         | Faisceau principal               | 1          | 518~                      |
| 48                   | 2530-1175A              | Harness : wiper        | Faisceau d'essuie-glace          | 1          | 001~457                   |
| 49                   | 2530-1177               | Harness : stereo       | Faisceau radio                   | 1          | 001~517                   |
|                      | 2530-1261               | Harness : stereo       | Faisceau redio                   | 1          | 518~                      |
| 50                   | 2530-1217               | Harness : boom lamp    | Faisceau projecteur de flèche    | 1          |                           |
| 52                   | 2553-1008               | Wire                   | Câble                            | 1          | 001~517                   |
|                      | 2553-1003               | Wire                   | Câble                            | 1          | 518~                      |
| 53                   | 2553-1007               | Cable                  | Câble                            | 1          |                           |
| 54                   | 2553-1225               | Cable                  | Câble                            | 1          |                           |
| 55                   | 2553-1229A              | Cable                  | Câble                            | 1          | 001~517                   |
|                      | 2553-1006A              | Cable                  | Câble                            | 1          | 518~                      |
| 56                   | 1550-1003               | Terminal               | Cosse de batterie                | 2          |                           |
| 57                   | 1550-1004               | Terminal               | Cosse de batterie                | 2          |                           |
| 58                   | 1550-1005               | Cap : rubber           | Chapeau de cosse, caoutchouc     | 4          |                           |
| 59                   | 2124-1084D2             | Clip                   | Attache                          | 10         |                           |
| 60                   | 2124-1084D3             | Clip                   | Attache                          | 10         |                           |
| 61                   | 2549-9029               | Switch : micro         | Micro-rupteur                    | 1          |                           |
| 62                   | S2202921                | Bolt M5×0.8×12         | Vis M5×0.8×12                    | 2          |                           |
| 63                   | S5020220                | Washer M5              | Rondelle                         | 2          |                           |
| 64                   | 2530-1202               | Harness : start switch | Faisceau contacteur de démarrage | 1          | 001~517                   |
|                      | 2530-1202A              | Harness : start switch | Faisceau contacteur de démarrage | 1          | 518~~                     |
| 65                   | 2530-1201               | Harness : safety relay | Faisceau relais de sécurité      | 1          | 001~357                   |
| 66                   | 2530-1187A              | Harness : micro switch | Faisceau de micro-rupteur        | 1          |                           |
| 67                   | 2195-2264               | Bracket                | Support                          | 1          |                           |
| 68                   | S0508603                | Bolt M8×1.25×16        | Boulon M8×1.25×16                | 2          |                           |
| 69                   | S5100502                | Washer : spring M8     | Rondelle à ressort M8            | 2          |                           |
| 70                   | S4012503                | Nut M8×1.25×16         | Ecrou M8×1.25×16                 | 2          |                           |
| 71                   | 2180-1027               | Packing                | Joint                            | 1          |                           |
| 72                   | 2195-2287               | Support                | Support                          | 2          |                           |

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Fig.202 TRACK (DH200LC)  
TRAIN DE ROULEMENT (DH 200LC)

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| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description                        | Description                          | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|------------------------------------|--------------------------------------|------------|---------------------------|
| 202--                | 2604-1067               | Track ass'y                        | Ensemble train de roulement          | 1          |                           |
| 01                   | 2604-1086               | Frame ; track                      | Châssis                              | 1          |                           |
| 02                   | 2109-9015               | Bearing ; swing                    | Palier d'orientation                 | 1          | 001 ~ 327                 |
|                      | 2109-1036               | Bearing ; swing                    | Palier d'orientation                 | 1          | 328 ~                     |
|                      | S0770161                | Bolt M20 $\times$ 1.5 $\times$ 65  | Vis M20 $\times$ 1.5 $\times$ 65     | 36         |                           |
| 04                   | S5103102                | Washer ; spring M20                | Rondelle à ressort M20               | 36         |                           |
| 05                   | 2401-9040               | Traveling motor                    | Moteur de translation                | 2          |                           |
| 06                   | S0565661                | Bolt M16 $\times$ 2.0 $\times$ 70  | Vis M16 $\times$ 2.0 $\times$ 70     | 60         |                           |
| 07                   | S5102902                | Washer ; spring M16                | Rondelle à ressort M16               | 60         |                           |
| 08                   | 2108-1014               | Sprocket                           | Roue à dents                         | 2          |                           |
| 09                   | S0565261                | Bolt M16 $\times$ 2.0 $\times$ 50  | Vis M16 $\times$ 2.0 $\times$ 50     | 44         |                           |
| 10                   | S5102902                | Washer ; spring M16                | Rondelle à ressort M16               | 44         |                           |
| 21                   | 2270-1064               | Idler ass'y                        | Ensemble barbotin                    | 2          |                           |
| 12                   | 2270-1067               | Roller ; lower                     | Galet inférieur                      | 18         |                           |
| 13                   | S0565860                | Bolt M16 $\times$ 2.0 $\times$ 80  | Vis M16 $\times$ 2.0 $\times$ 80     | 72         | 001 ~ 497                 |
| 13                   | S0765851                | Bolt M16 $\times$ 1.5 $\times$ 80  | Vis M16 $\times$ 1.5 $\times$ 80     | 72         | 498 ~                     |
| 15                   | 2272-1047               | Link ; track                       | Articulation                         | 2          |                           |
| 16                   | 2270-1005               | Roller ; upper                     | Galet supérieur                      | 4          | 1 ~ 497                   |
| 17                   | 2623-1053               | Guard ; link                       | Support d'articulation               | 4          | 001 ~ 497                 |
|                      | 2623-1052               | Guard ; link                       | Support d'articulation               | 4          | 498 ~                     |
| 18                   | 2114-1363               | Spacer                             | Douille d'écartement                 | 4          | 001 ~ 497                 |
|                      | 2114-1363 A             | Spacer                             | Douille d'écartement                 | 4          | 498 ~                     |
| 19                   | S0521553                | Bolt M16 $\times$ 2.0 $\times$ 45  | Vis M16 $\times$ 2.0 $\times$ 45     | 16         | 001 ~ 497                 |
|                      | S0721551                | Bolt M16 $\times$ 1.5 $\times$ 45  | Vis M16 $\times$ 1.5 $\times$ 45     | 16         | 498 ~                     |
| 20                   | S5102902                | Washer ; spring M16                | Rondelle à ressort M16               | 16         |                           |
| 21                   | 2195-1052               | Bracket                            | Support                              | 1          |                           |
| 22                   | S0715151                | Bolt M12 $\times$ 1.25 $\times$ 28 | Vis M12 $\times$ 1.25 $\times$ 28    | 3          |                           |
| 23                   | S5102702                | Washer ; spring M12                | Rondelle à ressort M12               | 3          |                           |
| 24                   | 2403-1002               | Cover                              | Regard                               | 1          |                           |
| 25                   | 2180-1017A              | Packing                            | Joint                                | 1          |                           |
| 26                   | S0711851                | Bolt M10 $\times$ 1.25 $\times$ 20 | Vis M10 $\times$ 1.25 $\times$ 20    | 2          |                           |
| 27                   | S5102602                | Washer ; spring M10                | Ressort élastique M10                | 2          |                           |
| 28                   | 2621-1428               | Cover                              | Plaque d'obturation                  | 1          |                           |
| 29                   | S0715051                | Bolt M12 $\times$ 1.25 $\times$ 25 | Vis M12 $\times$ 1.25 $\times$ 25    | 4          |                           |
| 30                   | 2114-1154               | Washer                             | Rondelle plate                       | 4          |                           |
| 31                   | S5102702                | Washer ; spring M12                | Rondelle à ressort M12               | 4          |                           |
| 32                   | 2601-1462               | Cover                              | Regard                               | 2          |                           |
| 33                   | S072051                 | Bolt M10 $\times$ 1.25 $\times$ 25 | Vis M10 $\times$ 1.25 $\times$ 25    | 4          |                           |
| 34                   | S5102602                | Washer ; spring M10                | Rondelle à ressort M10               | 4          |                           |
| 35                   | S5010613                | Washer M10                         | Rondelle M10                         | 4          |                           |
| 36                   | 2274-1013               | Track spring ass'y                 | Ensemble tendeur de chenille         | 2          |                           |
| 37                   | 2440-1194               | Propelling piping ass'y            | Ensemble canalisation de translation | 1          |                           |
| 38                   | 2621-1611               | Track cover ass'y                  | Ensemble carter dde chenille         | 1          |                           |
| 39                   | 2180-10 42 A            | Washer                             | Rondelle plate                       | 16         |                           |
| 40                   | 2195-2527 D3            | Bracket (810mm shoe)               | Support (Patin 810)                  | 4          | 281 ~                     |
|                      | 2195-2527 D2            | Bracket (610mm shoe)               | Support (Patin 610)                  | 4          |                           |
|                      | 2195-2527 D5            | Bracket (710mm shoe)               | Support (Patin 710)                  | 4          |                           |

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Fig.206 TRACK LINK(DH 200)  
ELEMENTS DE CHENILLE(DH 200)

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description          | Description                   | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|----------------------|-------------------------------|------------|---------------------------|
| 206--                | 2272-7017               | Track link ass'y     | Ensemble pièces de chenille   | 2Set       |                           |
| -                    | 2272-9004               | • Track link ass'y   | • Ensemble pièces de chenille | 2Set       |                           |
| 01                   | 2272-1002               | • • Link : track     | • • Maillon de chenille       | 49         |                           |
| 02                   | 2272-1001               | • • Link : track     | • • Maillon de chenille       | 49         |                           |
| 03                   | 2123-1018               | • • Pin              | • • Broche                    | 47         |                           |
| 04                   | 2110-1009               | • • Bushing          | • • Douille                   | 47         |                           |
| 05                   | 2110-1010               | • • Bushing : master | • • Douille maîtresse         | 2          |                           |
| 06                   | 2123-1017               | • • Pin : master     | • • Broche maîtresse          | 2          |                           |
| 07                   | 2114-1023               | • • Collar           | • • Collier                   | 4          |                           |
| 08                   | 2180-1016               | • • Ring             | • • Bague                     | 4          |                           |
| 09                   | 2120-1015A              | • Bolt M16×1.5×57    | • Boulon M16×1.5×57           | 196        |                           |
| 10                   | 2121-1022               | • Nut M16×1.5        | • Ecrou M16×1.5               | 196        |                           |
| 11                   | 2273-1023D5             | • Shoe               | • Patin                       | 49         |                           |
| 12                   | 2273-1021A              | • Shoe 910           | • Patin 910                   | 49         |                           |

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Fig.211 PROPELLING PIPING(DH200)  
CANALISATIONS DE TRANSLATION (DH 200)

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description               | Description            | Qty<br>Qté | Serial No.<br>N° de Serie |
|----------------------|-------------------------|---------------------------|------------------------|------------|---------------------------|
| 211-01               | 2181-1110D4             | Adapter : s               | Raccord                | 2          |                           |
| 02                   | 2181-1112D4             | Adapter : elbow           | Raccord coudé          | 2          |                           |
| 03                   | 2181-1112D3             | Adapter : elbow           | Raccord coudé          | 1          |                           |
| 04                   | 2183-1548               | Pipe                      | Tuyau                  | 2          |                           |
| 05                   | 2184-1027D136           | Hose                      | Tuyau flexible         | 2          |                           |
| 06                   | 2184-1055D12            | Hose                      | Tuyau flexible         | 1          |                           |
| 07                   | 2183-2236               | Pipe (R)                  | Tuyau                  | 1          |                           |
| 08                   | 2183-2237               | Pipe (L)                  | Tuyau                  | 1          |                           |
| 09                   | 2183-2238               | Pipe (R)                  | Tuyau                  | 1          |                           |
| 10                   | 2183-2239               | Pipe (L)                  | Tuyau                  | 1          |                           |
| 11                   | 2183-2241               | Pipe : drain (L)          | Tuyau de purge gauche  | 1          |                           |
| 12                   | 2181-1110D3             | Adapter : s               | Raccord                | 1          |                           |
| 13                   | 2183-2240               | Pipe : drain (R)          | Tuyau de purge droit   | 1          |                           |
| 14                   | 2181-1126D6             | Adapter : s               | Raccord                | 2          |                           |
| 15                   | S8000181                | O-ring P18                | Joint torique P18      | 2          |                           |
| 16                   | 2124-1025D4             | Clamp : pipe              | Fixation de tuyau      | 4          |                           |
| 17                   | 2124-1026D1             | Clamp : pipe              | Fixation de tuyau      | 4          |                           |
| 18                   | S2215361                | Bolt : socket M12×1.75×35 | Vis 6 pans creux       | 16         |                           |
| 19                   | S8010351                | O-ring G35                | Joint torique G35      | 4          |                           |
| 20                   | S0760951                | Bolt M12×1.25×60          | Vis M12×1.25×60        | 4          |                           |
| 21                   | S0758451                | Bolt M10×1.25×45          | Vis M10×1.25×45        | 4          |                           |
| 22                   | S5102602                | Washer : spring M10       | Rondelle à ressort M10 | 4          |                           |
| 23                   | S5102702                | Washer : spring M12       | Rondelle à ressort M12 | 4          |                           |
| 24                   | 2184-1027D128           | Hose                      | Tuyau flexible         | 2          |                           |
| 25                   | 2181-1113D4             | Reducer                   | Raccord réducteur      | 4          |                           |

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Fig.302 ARM  
BALANCIER

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description                       | Description                         | Qty<br>Qté | Serial No.<br>N° de Série |
|----------------------|-------------------------|-----------------------------------|-------------------------------------|------------|---------------------------|
| 302-01               | 2701-1089               | Arm                               | Balancier                           | 1          |                           |
| 02                   | 2155-1172               | Link                              | Articulation                        | 1          |                           |
| 03                   | 2155-1174               | Link                              | Articulation                        | 1          |                           |
| 04                   | 2123-1408               | Pin                               | Broche                              | 1          |                           |
| 05                   | 2123-1404               | Pin                               | Broche                              | 1          |                           |
| 06                   | 2123-1405               | Pin                               | Broche                              | 1          |                           |
| 07                   | 2123-1406               | Pin                               | Broche                              | 1          |                           |
| 08                   | 2114-1334D4             | Spacer                            | Douille d'espacement                | 1          |                           |
| 09                   | 2114-1330               | Spacer                            | Douille d'espacement                | 1          |                           |
| 10                   | 2114-1335D10            | Spacer                            | Douille d'espacement                | 1          |                           |
| 11                   | 2114-1335D11            | Spacer                            | Douille d'espacement                | 1          |                           |
| 12                   | 2110-1027D26            | Bushing                           | Douille                             | 2          |                           |
| 13                   | 2110-1027D17            | Bushing                           | Douille                             | 2          |                           |
| 14                   | 2110-1027D19            | Bushing                           | Douille                             | 2          |                           |
| 15                   | 2110-1027D28            | Bushing                           | Douille                             | 4          |                           |
| 16                   | 2110-1027D18            | Bushing                           | Douille                             | 2          |                           |
| 17                   | 2180-1106D5             | Seal : dust                       | Joint pare-poussières               | 10         |                           |
| 18                   | 2180-1106D4             | Seal : dust                       | Joint pare-poussières               | 2          |                           |
| 19                   | 2123-1372               | Pin                               | Goupille                            | 1          |                           |
| 20                   | 2115-1017               | Ring                              | Bague                               | 1          |                           |
| 21                   | 2123-1371               | Pin                               | Goupille                            | 5          |                           |
| 22                   | 2115-1016               | Ring                              | Bauge                               | 5          |                           |
| 23                   | 2180-1105D2             | O-ring $\phi 135 \times \phi 165$ | Joint torique $\phi 135 \times 165$ | 4          |                           |
| 24                   | S6710042                | Nipple : grease                   | Graisser                            | 5          |                           |
| 25                   | 2155-1173               | Link                              | Articulation                        | 1          |                           |
| 26                   | 2123-1411               | Pin                               | Broche                              | 1          |                           |
| 27                   | 2123-1412               | Pin                               | Broche                              | 1          |                           |
| 28                   | 2114-1059D116           | Shim 0.5t                         | Rondelle d'épaisseur 0.5t           | 10         |                           |
| 29                   | 2114-1059D63            | Shim 1.0t                         | Rondelle d'épaisseur 1.0t           | 10         |                           |
| 30                   | 2114-1059D126           | Shim 0.5t                         | Rondelle d'épaisseur 0.5t           | 2          |                           |
| 31                   | 2114-1059D127           | Shim 1.0t                         | Rondelle d'épaisseur 1.0t           | 2          |                           |

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Fig.401 TOOLS  
OUTILLAGE

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REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description      | Description               | Qty<br>Qté | Serial No.<br>N° de Serie |
|----------------------|-------------------------|------------------|---------------------------|------------|---------------------------|
| 401-01               | T6510100                | Spanner 10/13    | Clé plate 10 / 13         | 1          |                           |
| 02                   | T6510085                | Spanner 13/17    | Clé plate 13 / 17         | 1          |                           |
| 03                   | T6510087                | Spanner 17/19    | Clé plate 17 / 19         | 1          |                           |
| 04                   | T6510088                | Spanner 19/22    | Clé plate 19 / 22         | 1          |                           |
| 05                   | T6510090                | Spanner 24/27    | Clé plate 24 / 27         | 1          |                           |
| 06                   | T6510091                | Spanner 27/30    | Clé plate 27 / 30         | 1          |                           |
| 07                   | T6510093                | Spanner 32/36    | Clé plate 32 / 36         | 1          |                           |
| 08                   | T6510094                | Spanner 36/41    | Clé plate 36 / 41         | 1          |                           |
| 09                   | T6510096                | Spanner 46/50    | Clé plate 46 / 50         | 1          |                           |
| 10                   | T6510111                | Spanner 32/35    | Clé plate 32 / 35         | 1          |                           |
| 11                   | T6510021                | Spanner 55       | Clé plate 55              | 1          |                           |
| 12                   | T6510013                | Spanner 24       | Clé plate 24              | 1          |                           |
| 13                   | T6510018                | Spanner 41       | Clé plate 41              | 1          |                           |
| 14                   | T6510032                | Spanner 35       | Clé plate 35              | 1          |                           |
| 15                   | T6600183                | Socket 10        | Douille 10                | 1          |                           |
| 16                   | T6600189                | Socket 13        | Douille 13                | 1          |                           |
| 17                   | T6600197                | Socket 17        | Douille 17                | 1          |                           |
| 18                   | T6600201                | Socket 19        | Douille 19                | 1          |                           |
| 19                   | T6600207                | Socket 22        | Douille 22                | 1          |                           |
| 20                   | T6600211                | Socket 24        | Douille 24                | 1          |                           |
| 21                   | T6600222                | Socket 30        | Douille 30                | 1          |                           |
| 22                   | T6600223                | Socket 30        | Douille 30                | 1          |                           |
| 23                   | T6600227                | Socket 32        | Douille 32                | 1          |                           |
| 24                   | T6600244                | Socket 15/16     | Douille 15 / 16           | 1          |                           |
| 25                   | T6550005                | L-wrench 4       | Clé 6 pans mâle 4         | 1          |                           |
| 26                   | T6550006                | L-wrench 5       | Clé 6 pans mâle 5         | 1          |                           |
| 27                   | T7050013                | Driver(-)        | Tournevis                 | 1          |                           |
| 28                   | T7050021                | Driver(+)        | Tournevis cruciforme      | 1          |                           |
| 29                   | T6900008                | Wrench : adjust  | Clé à molette             | 1          |                           |
| 30                   | T6900020                | Wrench : adjust  | Clé à molette             | 1          |                           |
| 31                   | T6690012                | Bar : extension  | Tige rallonge             | 1          |                           |
| 32                   | T6690013                | Bar : extension  | Tige rallonge             | 1          |                           |
| 33                   | T6750003                | Handle : ratchet | Clé à cliquet             | 1          |                           |
| 34                   | T6880003                | Piler : cutting  | Pince coupante            | 1          |                           |
| 35                   | 2199-9009               | Driver . clip    | Clé en T, pour collier    | 1          |                           |
| 36                   | 2199-1004               | Bar              | Barre                     | 1          |                           |
| 37                   | 2199-1005               | Pipe             | Tube                      | 1          |                           |
| 38                   | 2199-1006               | Funnel .         | Entonnoir                 | 1          |                           |
| 39                   | 2199-9003               | Oil gun          | Burette d'huile           | 1          |                           |
| 40                   | T7440005                | Oil gun          | Récipient verseur d'huile | 1          |                           |
| 41                   | 2199-9008               | Grease gun       | Pompe à graisse           | 1          |                           |
| 42                   | 2184-9005               | Hose             | Tuyau flexible            | 1          |                           |
| 43                   | 2199-9002               | Hammer           | Marteau                   | 1          |                           |
| 44                   | 2199-9017               | Chisel           | Ciseau à froid            | 1          |                           |
| 45                   | 2199-9004               | Tool box         | Boîte à outils            | 1          |                           |
| 46                   | 2199-9007               | Box              | Boîte                     | 1          |                           |
| 47                   | T6550007                | L-wrench 6       | Clé 6 pans mâle 6         | 1          |                           |

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| Part No.      | Fig No. | Key No. | Part No.      | Fig No. | Key No. | Part No.     | Fig No. | Key No. |
|---------------|---------|---------|---------------|---------|---------|--------------|---------|---------|
| 06.22220-1110 | 028     |         | 13260000-5    | 104     | 005     | 2114-1059063 | 301     | 021     |
|               | 012     | 017     | 13260000-6-1  | 104     | 010     |              | 302     | 029     |
| 06.22220-1208 | 014     | 028     | 13260000-6-2  | 104     | 021     | 2114-1139    | 116     | 027     |
| 06.29010-0125 | 018     | 006     | 13260000-6-3  | 104     | 022     | 2114-1154    | 201     | 030     |
| 06.29020-0126 | 015     | 006     | 1544-1007     | 124     | 016     |              | 202     | 030     |
| 06.29020-0128 | 022     | 015     | 1547-1002     | 125     | 019     | 2114-1163    | 116     | 007     |
|               | 034     | 030     | 1550-1003     | 125     | 056     | 2114-1166    | 117     | 136     |
| 06.29020-0132 | 018     | 003     | 1550-1004     | 125     | 057     | 2114-1326    | 110     | 004     |
| 06.29141-0207 | 018     | 017     | 1550-1005     | 125     | 058     | 2114-1330    | 302     | 009     |
| 06.29141-0210 | 022     | 021     | 2021-7019     | 501     | 007     | 2114-1333    | 209     | 019     |
| 06.31420-0314 | 018     | 002     | 2022-7017     | 501     | 009     |              | 210     | 019     |
| 06.31440-4711 | 034     | 032     | 2023-7017     | 501     | 008     | 2114-133404  | 302     | 008     |
| 06.31641-0211 | 011     |         | 2100-1004     | 401     | 036     | 2114-1335010 | 302     | 010     |
| 06.31641-0429 | 021     | 006     | 2106-6002     | 126     | 005     | 2114-1335011 | 302     | 011     |
| 06.56010-0724 | 020     | 006     | 2106-9005     | 501     | 005     | 2114-133509  | 301     | 006     |
| 06.56011-0108 | 029     | 015     | 2107-1010     | 125     | 083     | 2114-1337    | 201     | 018     |
| 06.56011-0306 | 029     | 006     | 2108-1014     | 201     |         | 2114-1340    | 101     | 010     |
| 06.56180-0711 | 030     | 006     |               | 202     | 008     | 2114-1360    | 303     | 016     |
| 06.56180-0714 | 025     | 012     | 2108-6003     | 201     | 008     |              | 304     | 016     |
| 06.56180-0716 | 025     | 009     | 2109-1036     | 202     |         | 2114-1361    | 303     | 017     |
|               | 028     | 017     |               | 201     |         |              | 304     | 017     |
|               | 011     | 030     | 2109-9015     | 202     | 002     | 2114-1363    | 202     | 018     |
| 06.56190-0704 | 025     | 014     |               | 201     | 002     | 2114-1363A   | 202     |         |
| 06.56190-0706 | 023     | 029     | 2110-1004     | 208     | 004     | 2114-1368    | 116     | 013     |
|               | 020     | 021     | 2110-1005     | 208     | 003     | 2114-1378    | 303     | 011     |
| 06.56190-0713 | 011     | 040     | 2110-1009     | 206     | 004     |              | 304     | 011     |
|               | 021     | 019     | 2110-1010     | 206     | 005     | 2114-1403    | 207     | 00F     |
| 06.56190-0716 | 020     | 013     | 2110-1013A    | 203     | 003     | 2115-1016    | 301     | 011     |
| 06.56190-0718 | 020     | 019     | 2110-1014A    | 204     | 008     |              | 302     | 022     |
| 06.56190-0727 | 024     | 021     | 2110-1027017  | 302     | 013     | 2115-1017    | 302     | 020     |
| 06.56190-0728 | 019     | 011     | 2110-1027018  | 302     | 016     | 2115-1018    | 301     | 025     |
|               | 021     | 009     | 2110-1027019  | 302     | 014     | 2116-1007    | 208     | 007     |
| 06.56190-0732 | 019     | 038     | 2110-1027026  | 302     | 012     | 2116-1009    | 109     | 007     |
| 06.56250-2002 | 023     | 010     | 2110-1027028  | 302     | 015     | 2116-1010    | 115     | 003     |
|               | 019     | 005     | 2110-1114     | 210     | 021     | 2116-1018    | 109     | 008     |
| 06.67020-0106 | 023     | 022     |               | 209     | 021     | 2116-1021    | 110     | 013     |
|               | 011     | 043     | 2110-1128     | 205     | 003     | 2116-1023    | 110     | 020     |
|               | 023     | 017     | 2110-1130     | 207     | 001     | 2116-1026    | 102     | 032     |
| 06.67020-0109 | 023     | 024     | 2110-1131     | 207     | 00H     | 2116-1050    | 101     | 004     |
|               | 023     | 013     | 2110-1157     | 301     | 007     | 2116-1104    | 116     | 008     |
| 06.96601-0040 | 011     | 036     | 2110-1184012  | 115     | 034     | 2116-133504  | 301     | 009     |
| 06.98131-0037 | 025     | 013     | 2112-1004     | 208     | 002     | 2116-1398    | 118     | 007     |
| 102042-0501   | 103     | 012     | 2114-1019     | 208     | 006     | 2116-1399    | 118     | 032     |
| 102042-0561   | 103     | 017     | 2114-1023     | 206     | 007     | 2116-1400    | 118     | 034     |
| 102043-0380   | 103     | 011     | 2114-1058010  | 213     | 008     | 2116-1404    | 118     | 009     |
| 102094-3550   | 103     | 009     |               | 214     | 008     | 2116-9003    | 601     | 011     |
| 102094-3561   | 103     | 010     |               | 121     | 016     | 2119-1003    | 110     | 027     |
| 102094-3700   | 103     | 008     |               | 120     | 036     | 2119-1007    | 108     | 017     |
| 102094-3730   | 103     | 018     | 2114-105802   | 102     | 034     | 2119-1019    | 107     | 15-3    |
| 102100-6560   | 103     | 001     | 2114-1058030  | 120     | 047     | 2119-1020    | 107     | 015     |
| 102600-0200   | 103     | 006     | 2114-10590112 | 301     | 016     | 2120-1015A   | 206     | 009     |
| 102660-0021   | 103     | 007     | 2114-10590113 | 301     | 017     | 2120-1016    | 110     | 017     |
| 102700-1911   | 103     | 005     | 2114-10590114 | 301     | 018     | 2120-103503  | 102     | 012     |
| 102800-5820   | 103     | 003     | 2114-10590115 | 301     | 019     | 2120-103604  | 115     | 009     |
| 102830-2840   | 103     | 004     | 2114-10590116 | 302     | 028     | 2120-103606  | 125     | 003     |
| 103100-3642   | 103     | 002     |               | 301     | 020     | 2120-1052    | 114     | 011     |
| 13260000-1    | 104     | 001     | 2114-10590126 | 302     | 030     | 2120-106004  | 601     | 021     |
| 13260000-2    | 104     | 002     | 2114-10590127 | 302     | 031     | 2120-1063    | 108     | 17-3    |
| 13260000-3    | 104     | 003     | 2114-10590174 | 301     | 022     | 2120-1086    | 118     | 106     |
| 13260000-4    | 104     | 004     | 2114-10590175 | 301     | 023     |              | 117     | 088     |

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| Part No. | Fig No. | Key No. | Part No. | Fig No. | Key No. | Part No. | Fig No. | Key No. |
|----------|---------|---------|----------|---------|---------|----------|---------|---------|
| S0565860 | 201     | 013     | S0721151 | 102     | 033     | S3450603 | 117     | 080     |
| S0656551 | 113     | 082     | S0721251 | 119     | 010     |          | 117     | 028     |
| S0708631 | 121     | 019     |          | 112     | 057     |          | 115     | 063     |
| S0711613 | 117     | 126     | S0721351 | 201     | 019     |          | 118     | 011     |
|          | 118     | 122     |          | 107     | 010     | S3450823 | 125     | 026     |
| S0711651 | 117     | 151     |          | 208     | 015     | S3450853 | 125     | 016     |
|          | 118     | 019     | S0721551 | 202     |         | S3450863 | 117     | 135     |
|          | 114     | 013     |          | 210     | 004     | S3450943 | 124     | 017     |
| S0711751 | 118     | 020     |          | 209     | 004     |          | 124     | 025     |
|          | 117     | 146     | S0721561 | 110     | 023     |          | 124     | 011     |
| S0711813 | 115     | 020     |          | 108     | 021     |          | 124     | 028     |
| S0711851 | 201     | 026     | S0727561 | 101     | 017     |          | 124     | 007     |
|          | 202     | 026     | S0727661 | 101     | 002     |          | 124     | 033     |
|          | 111     | 032     | S0758451 | 102     | 024     | S3450953 | 124     | 004     |
|          | 120     | 030     |          | 212     | 021     |          | 115     | 027     |
|          | 101     | 015     |          | 211     | 021     | S3451083 | 115     | 032     |
| S0711853 | 121     |         | S0758551 | 113     | 080     | S3451093 | 117     | 007     |
| S0711951 | 109     | 009     | S0759551 | 112     | 037     | S3451113 | 120     | 021     |
| S0712013 | 117     | 149     | S0760451 | 112     | 061     | S3451123 | 117     | 039     |
|          | 117     | 094     | S0760951 | 212     | 020     |          | 118     | 043     |
|          | 118     | 086     |          | 211     | 020     | S3452573 | 117     | 042     |
| S0712031 | 121     | 014     |          | 305     | 012     |          | 118     | 053     |
|          | 121     | 022     | S0761051 | 112     | 031     |          | 118     | 129     |
| S0712051 | 115     | 037     |          | 111     | 047     | S3453103 | 118     | 084     |
|          | 120     | 037     |          | 111     | 018     |          | 117     | 111     |
|          | 111     | 049     | S0761651 | 112     | 066     | S3454993 | 116     | 024     |
|          | 113     | 077     | S0761951 | 112     | 036     | S3456823 | 117     | 056     |
|          | 111     | 003     |          | 305     | 036     |          | 118     | 077     |
|          | 201     | 033     | S0765251 | 102     | 035     | S3456833 | 117     | 059     |
|          | 108     | 004     | S0765851 | 202     |         |          | 118     | 081     |
|          | 107     | 005     |          | 205     |         | S3456853 | 125     | 101     |
|          | 214     | 006     | S0770161 | 201     | 003     | S3456943 | 117     | 050     |
|          | 202     | 033     |          | 202     | 003     |          | 118     | 075     |
|          | 213     | 006     | S0772461 | 101     | 011     | S3460983 | 124     | 014     |
| S0712151 | 120     | 035     |          | 304     | 008     | S3603212 | 118     | 022     |
| S0712251 | 209     | 011     |          | 303     | 008     |          | 117     | 142     |
|          | 210     | 011     | S0772561 | 110     | 030     | S3664153 | 124     | 001K    |
| S0712253 | 306     | 006     | S2202921 | 125     | 062     | S4002103 | 118     | 130     |
| S0712351 | 120     | 038     | S2205461 | 113     | 088     | S4010603 | 116     | 028     |
| S0712751 | 115     | 007     | S2212061 | 116     | 012     | S4012303 | 113     | 091     |
| S0714803 | 118     | 136     | S2212261 | 112     | 045     |          | 125     | 100     |
|          | 117     | 154     |          | 126     | 028     |          | 114     | 004     |
| S0715051 | 108     | 034     | S2212361 | 112     | 046     | S4012503 | 118     | 071     |
|          | 202     | 029     |          | 111     | 017     |          | 117     | 102     |
|          | 201     | 029     | S2212761 | 112     | 049     |          | 120     | 022     |
|          | 119     | 017     | S2215061 | 112     | 068     |          | 115     | 069     |
|          | 120     | 026     | S2215361 | 212     | 018     |          | 125     | 070     |
| S0715053 | 301     | 027     |          | 111     | 009     |          | 117     | 061     |
| S0715151 | 202     | 022     |          | 112     | 044     | S4012733 | 125     | 090     |
|          | 120     | 032     |          | 211     | 018     | S4020603 | 118     | 107     |
|          | 201     | 022     | S2215861 | 112     | 048     |          | 117     | 089     |
|          | 119     | 013     | S2227661 | 102     | 041     | S4031603 | 125     | 074     |
| S0715351 | 208     | 011     | S2262461 | 305     | 032     | S4032511 | 121     | 020     |
| S0715361 | 202     | 041     | S2265461 | 305     | 016     | S4032603 | 118     | 120     |
|          | 109     | 017     |          | 112     | 047     |          | 111     | 050     |
|          | 201     | 040     |          | 112     | 047     |          | 120     |         |
| S0717961 | 102     | 037     | S3450573 | 117     | 045     |          | 115     | 081     |
| S0718351 | 110     | 014     |          | 118     | 049     |          | 112     | 038     |
| S0721031 | 121     | 017     |          | 115     | 077     |          | 117     | 013     |
| S0721051 | 102     | 007     | S3450603 | 118     | 036     |          | 115     | 008     |

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# Fig.103 REGULATOR REGULATEUR

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REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description          | Description                      | Qty<br>Qté | S.C | Serial No.<br>N° de Série |
|----------------------|-------------------------|----------------------|----------------------------------|------------|-----|---------------------------|
| 103-01               | OSBM616                 | Regulator            | Régulateur                       | 2          |     |                           |
| 02                   | OSBM665                 | • Bolt;socket        | • Vis à 6 pans creux             | 24         |     |                           |
| 03                   | OSBM645                 | • Bolt;socket        | • Vis à 6 pans creux             | 8          |     |                           |
| 04                   | OSBM1030                | • Bolt;socket        | • Vis à 6 pans creux             | 8          |     |                           |
| 05                   | OSBM1040                | • Bolt;socket        | • Vis à 6 pans creux             | 16         |     |                           |
| 06                   | OP034                   | • Plug;PO            | • Bouchon PO                     | 4          |     |                           |
| 07                   | PBP2403                 | • Plug               | • Bouchon                        | 2          |     |                           |
| 08                   | 38800-527               | • Casing;sub         | • Boîtier                        | 18         |     |                           |
| 09                   | 38800-531L              | • Lever;tilting      | • Levier de basculement          | 2          |     |                           |
| 10                   | 38800-532LA             | • Piston;servo       | • Servo-piston                   | 2          |     |                           |
| 11                   | 38800-534               | • Stopper (L)        | • Butée (L)                      | 2          |     |                           |
| 12                   | 38800-535L              | • Stopper (S)        | • Butée (S)                      | 2          |     |                           |
| 13                   | 38800-543               | • Ring;slide         | • Bague coulissante              | 2          |     |                           |
| 14                   | 38800-544               | • Bolt;lock          | • Vis de verrouillage            | 2          |     |                           |
| 15                   | 38800-545               | • Pin;feed back 6.5  | • Pointeau de retour 6.5         | 2          |     |                           |
| 16                   | 38800-551A              | • Casing;pilot       | • Boîtier pilote                 | 2          |     |                           |
| 17                   | 38800-572               | • Cover (S)          | • Couvercle (S)                  | 2          |     |                           |
| 18                   | 38800-615               | • Lever;feed back    | • Levier de retour               | 2          |     |                           |
| 19                   | 38800-617               | • Pin;feed back 5.5  | • Pointeau de retour 5.5         | 2          |     |                           |
| 20                   | 38800-620               | • Pin;center         | • Broche centrale                | 2          |     |                           |
| 21                   | 38800-51-629            | • Lever;feed back    | • Levier de retour               | 2          |     |                           |
| 22                   | 38800-56-631G           | • Casing             | • Boîtier                        | 2          |     |                           |
| 23                   | 38800-51-632            | • Cover              | • Couvercle                      | 2          |     |                           |
| 24                   | 38G00-62-633            | • Cover;piston       | • Couvercle de piston            | 2          |     |                           |
| 25                   | 38800-51-634            | • Piston;pilot       | • Piston pilote                  | 2          |     |                           |
| 26                   | 38800-51-635            | • Plug;hinge         | • Tampon charnière               | 2          |     |                           |
| 27                   | 38G01-62-636            | • Spring;pilot       | • Ressort pilote                 | 2          |     |                           |
| 28                   | 38A00-83-651Q           | • Spool              | • Bobine                         | 2          |     |                           |
| 29                   | 38800-51-639            | • Seat;spring        | • Logement de ressort            | 4          |     |                           |
| 30                   | 38500-56-640            | • Sleeve             | • Manchon                        | 2          |     |                           |
| 31                   | 38800-51-646            | • Seat;spring        | • Logement de ressort            | 2          |     |                           |
| 32                   | 38800-83-651            | • Spool              | • Bobine                         | 2          |     |                           |
| 33                   | 38800-83-653            | • Sleeve             | • Manchon                        | 2          |     |                           |
| 34                   | 38G01-655H              | • Spring;outer       | • Ressort extérieur              | 2          |     |                           |
| 35                   | 38G01-656H              | • Spring;inner       | • Ressort intérieur              | 2          |     |                           |
| 36                   | 38G01-658H              | • Spring;full power  | • Ressort pleine puissance       | 2          |     |                           |
| 37                   | 38800-661               | • Ring;power adjust  | • Bague de réglage de puissance  | 2          |     |                           |
| 38                   | 38800-662               | • Liner              | • Cale d'épaisseur               | 2          |     |                           |
| 39                   | 68720-00-663            | • Seat;spring        | • Cuvette de ressort             | 2          |     |                           |
| 40                   | 38800-664V              | • Seat;spring        | • Cuvette de ressort             | 4          |     |                           |
| 41                   | PJR316R                 | • Piston;compen      | • Piston compensateur            | 2          |     |                           |
| 42                   | 38800-669               | • Piston             | • Piston                         | 2          |     |                           |
| 43                   | 38800-672               | • Cover              | • Couvercle                      | 2          |     |                           |
| 44                   | 38500-56-696            | • Spring;sleeve lock | • Ressort de blocage de manchon  | 2          |     |                           |
| 45                   | 38500-56-697            | • Pin;sieve lock     | • Goupille de blocage de manchon | 2          |     |                           |
| 46                   | 38800-56-685            | • Cut;off spool      | • Bobine de coupure              | 2          |     |                           |

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103-05

**Fig.202 TRAVELING MOTOR (DH 200)**  
**MOTEUR DE TRANSLATION(DH200)**

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description           | Description                | Qty<br>Qté | S. C | Serial No.<br>N° de Série |
|----------------------|-------------------------|-----------------------|----------------------------|------------|------|---------------------------|
| 202 -                | 2401 - 9037A            | Travel motor          | Moteur de translation      | 1          |      |                           |
|                      | 150F1101-01             | • Hub kit             | • Sous-ensemble moyeu      | 1          |      |                           |
| 01                   | 150F1001-01             | • • Hub               | •• Moyeu                   | 1          | D    |                           |
| 04                   | 150F1004-00             | • • Gear; ring (A)    | •• Couronne dentée A       | 1          | D    |                           |
| 22                   | JB1354                  | • • Pin 12×32         | •• Goupille 12×32          | 10         | D    |                           |
|                      | 150F1102-01             | • Spindle kit         | • Sous-ensemble toupie     | 1          |      |                           |
| 08                   | 150F1008-00             | • • Gear; coupling    | •• Pignon d'accouplement   | 1          | D    |                           |
| 14                   | 200A1015-00             | • • Pin               | •• Goupille                | 10         | D    |                           |
| 17                   | 150F1002-01             | • • Spindle           | •• Toupie                  | 1          | D    |                           |
| 02                   | 150F1027-01             | • Piece; distance     | • Pièce d'écartement       | 1          |      |                           |
| 03                   | 150F1003-00             | • Carrier             | • Support                  | 1          |      |                           |
| 05                   | 150F1005-01             | • Gear; ring (B)      | • Couronne dentée B        | 1          |      |                           |
| 06                   | 150F1006-01             | • Gear                | • Pignon                   | 3          |      |                           |
| 07                   | 150F1007-01             | • Gear; sun (A)       | • Pignon central A         | 1          |      |                           |
| 09                   | 150F1009-00             | • Shaft               | • Arbre                    | 3          |      |                           |
| 10                   | 150F1012-00             | • Piece; distance     | • Pièce d'espacement       | 1          |      |                           |
| 11                   | 150F1013-00             | • Cover               | • Couvercle                | 1          |      |                           |
| 12                   | 150F1014-00             | • Collar; thrust      | • Collier de butée         | 6          |      |                           |
| 13                   | 150F1015-00             | • Ring                | • Bague                    | 1          |      |                           |
| 15                   | 50F1024-00              | • Ring                | • Bague                    | 1          |      |                           |
| 16                   | 50F1030-00              | • Bearing; thrust     | • Palier de butée          | 2          |      |                           |
| 18                   | 150F1023-02             | • Ring; seal          | • Bague d'étanchéité       | 1          |      |                           |
| 19                   | 150F1033-01             | • Bearing; ball       | • Roulement à billes       | 2          |      |                           |
| 20                   | 150F1032-00             | • Bearing; needle     | • Roulement à aiguilles    | 6          |      |                           |
| 21                   | JW1516-982-90           | • O-ring              | • Joint torique            | 1          | K    |                           |
| 23                   | JB2401-G230-90          | • O-ring              | • Joint torique            | 1          | K    |                           |
| 24                   | GM1/2                   | • Plug                | • Bouchon                  | 3          |      |                           |
| 25                   | JB1180                  | • Bolt M12×50-12.9    | • Vis M12×50-12.9          | 20         |      |                           |
| 26                   | SW - M12                | • Washer; lock        | • Rondelle-frein           | 20         |      |                           |
| 27                   | 150F1034-00             | • Pin                 | • Goupille                 | 3          |      |                           |
| 28                   | JB1176                  | • Bolt M18×40-12.9    | • Vis M18×40-12.9          | 10         |      |                           |
| 29                   | JB1501 - 7/16           | • Ball                | • Bille                    | 1          |      |                           |
| 30                   | JB2401-G280-90          | • O-ring              | • Joint torique            | 1          | K    |                           |
| 31                   | JB2401-96-90            | • O-ring              | • Joint torique            | 1          | K    |                           |
| 32                   | ES100 - 250A            | • Seal; floating      | • Joint à face frottante   | 1          | K    |                           |
| 33                   | JB1516-G34-90           | • O-ring              | • Joint torique            | 1          | K    |                           |
|                      | 165F2101-00-D           | • Flange; spool kit   | • Kit bride de bobine      | 1          |      |                           |
| 34                   | 150F2001-00             | • Flange; rear        | • Bride arrière            | 1          | D    |                           |
| 56                   | 165F2050-00-A           | • • Spool             | •• Bobine                  | 1          | D    |                           |
| 83                   | GM1/4                   | • • Plug              | •• Bouchon                 | 3          | D    |                           |
| 99                   | 165F2072-00-B           | • • Orifice           | •• Orifice                 | 2          | D    |                           |
| 100                  | 200F2012-00             | • • Collar            | •• Collier                 | 2          | D    |                           |
| 101                  | JB2804 - φ14            | • • Retainer          | •• Arrêt                   | 2          | D    |                           |
|                      | 150F2102-00             | • Piston; shoe kit    | • Kit sabot de piston      | 9          |      |                           |
| 38                   | 150F2005-00             | • Piston              | • Piston                   | 9          | D    |                           |
| 39                   | 150F2006-01             | • • Shoe              | •• Sabot                   | 9          | D    |                           |
|                      | 150F2103-00             | • Surge cut spool kit | • Kit de bobine de coupure | 1          |      |                           |

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**Fig.203 TRAVELING MOTOR (DH200LC)**  
**MOTEUR DE TRANSLATION (DH 200LC)**

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description     | Description          | Qty<br>Qte | S. C | Serial No.<br>N° de Série |
|----------------------|-------------------------|-----------------|----------------------|------------|------|---------------------------|
| 203-82               | JB1176-M8×60-12.9       | • Bolt;socket   | • Vis à 6 pans creux | 4          |      |                           |
| 84                   | JB2804-70               | • Retainer      | • Bague d'arrêt      | 1          |      |                           |
| 85                   | JB1256-M16              | • Washer;plain  | • Rondelle plate     | 9          |      |                           |
| 86                   | SW - M8                 | • Washer;lock   | • Rondelle-frein     | 4          |      |                           |
| 88                   | 3.5×32.8                | • Roller;needle | • Palier à aiguilles | 3          |      |                           |
| 89                   | JB2401-G195-90          | • O-ring        | • Joint torique      | 1          | K    |                           |
| 90                   | JB2401-P210-90          | • O-ring        | • Joint torique      | 1          | K    |                           |
| 91                   | JB2401-P8-90            | • O-ring        | • Joint torique      | 1          | K    |                           |
| 92                   | JB2401-P32-90           | • O-ring        | • Joint torique      | 1          | K    |                           |
| 93                   | JB2401-P20-90           | • O-ring        | • Joint torique      | 2          | K    |                           |
| 94                   | JB2401-P18-90           | • O-ring        | • Joint torique      | 1          | K    |                           |
| 95                   | JB2401-P41-90           | • O-ring        | • Joint torique      | 2          | K    |                           |
| 97                   | JB2401-P22A-90          | • O-ring        | • Joint torique      | 2          | K    |                           |
| 98                   | 150F2070-00             | • Ring          | • Bague              | 2          |      |                           |
| 120                  | 165F9000-00             | • Seal kit      | • Kit d'étanchéité   | 1          |      |                           |

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Fig.403 PILOT SELECTOR VALVE(2)  
CLAPET DE SELECTION PILOTE 2

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description  | Description          | Qty<br>Qté | S.C | Serial No.<br>N° de Série |
|----------------------|-------------------------|--------------|----------------------|------------|-----|---------------------------|
| 403 -                | 2420 - 9108             | Valve; pilot | Clapet pilote        | 1          |     |                           |
| 01                   | 3501 - 608              | • Housing    | • Boîtier            | 1          |     |                           |
| 02                   | 3510 - 357              | • • Spool    | •• Bobine            | 1          |     |                           |
| 03                   | 8201 - 014              | • O-ring     | • Joint torique      | 4          |     |                           |
| 05                   | 3526 - 238              | • Cap        | • Chapeau            | 3          |     |                           |
| 06                   | 8320 - 001              | • Plug       | • Bouchon            | 2          |     |                           |
| 07                   | 3526 - 329              | • Cap        | • Chapeau            | 1          |     |                           |
| 08                   | 3090 - 104              | • Spring     | • Ressort            | 1          |     |                           |
| 09                   | 3597 - 174              | • Spacer     | • Pièce d'espacement | 1          |     |                           |
| 10                   | 3510 - 356              | • Spool      | • Bobine             | 1          |     |                           |

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403-20

**Fig.408 SLOW RETURN VALVE**  
**CLAPET DE RETOUR BASSE PRESSION**

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description       | Description                     | Qty<br>Qté | S.C | Serial No.<br>N° de Série |
|----------------------|-------------------------|-------------------|---------------------------------|------------|-----|---------------------------|
| 408--                | 2402-9102               | Valve;slow return | Clapet de retour basse pression | 1          |     |                           |
| 01                   | -                       | • Body            | • Corps de clapet               | 1          | D   |                           |
| 02                   | -                       | • Casing          | • Boitier                       | 1          | D   |                           |
| 03                   | -                       | • Poppet          | • Soupape soulevante            | 1          | D   |                           |
| 04                   | -                       | • Seat;spring     | • Cuvette de ressort            | 1          | D   |                           |
| 05                   | -                       | • Spring          | • Ressort                       | 1          | D   |                           |
| 06                   | -                       | • Ring;retaining  | • Bague de retenue              | 1          | D   |                           |
| 07                   | -                       | • Ring;stop       | • Bague d'arrêt                 | 1          | D   |                           |
| 08                   | -                       | • O-ring          | • Joint torique                 | 2          | D   |                           |
| 09                   | -                       | • Ring;back-up    | • Anneau de soutien             | 2          | D   |                           |

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Fig.504 SHUTTLE VALVE (4)  
CLAPET BALADEUR 4

DWG: FEB. 1990  
REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description        | Description          | Qty<br>Qté | S. C | Serial No.<br>N° de Série |
|----------------------|-------------------------|--------------------|----------------------|------------|------|---------------------------|
| 504--                | 2420-1040A              | Shuttle valve(103) | Bloc baladeur (103)  | 1          |      | 368~                      |
| 01                   | 2182-1289               | • Manifold         | • Distributeur       | 1          |      |                           |
| 02                   | 2148-1003               | • Ball             | • Bille              | 6          |      |                           |
| 03                   | 2181-1889D2             | • Plug             | • Bouchon            | 6          |      |                           |
| 04                   | S8000101                | • O-ring           | • Joint torique      | 6          |      |                           |
| 05                   | 2316-1003D3             | • Seat             | • Siège              | 1          |      |                           |
| 06                   | 2316-1003D2             | • Seat             | • Siège              | 1          |      |                           |
| 07                   | 2316-1003D1             | • Seat             | • Siège              | 3          |      |                           |
| 11                   | 2316-1004               | • Seat ; orifice   | • Siège de orifice   | 1          |      |                           |
| 12                   | 2181-1891               | • Plug ; orifice   | • Bouchon de orifice | 2          |      |                           |
| 13                   | 2181-1854               | • Plug             | • Bouchon            | 16         |      |                           |

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**Fig. 605 ARM CYLINDER (1)**  
**VERIN DE BALANCIER 1**

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REV. 3

| Key No.<br>N° repère | Part No.<br>N° de Pièce | Description       | Description             | Qty<br>Qté | S.C | Serial No.<br>N° de Série |
|----------------------|-------------------------|-------------------|-------------------------|------------|-----|---------------------------|
| 605--                | 2440-9018               | Arm ; cylinder    | Vérin de balancier      | 1          |     | 001-431                   |
| 01                   | 707-75-10030            | • Ring ; snap     | • Bague élastique       | 1          |     |                           |
| 02                   | 07016-20958             | • Seal ; dust     | • Joint pare-poussières | 1          | K   |                           |
| 03                   | 707-28-14280            | • Head ; cylinder | • Tête de cylindre      | 1          |     |                           |
| 04                   | 707-88-81560            | • Bolt            | • Vis                   | 12         |     |                           |
| 05                   | 707-51-95211            | • Packing ; rod   | • Garniture             | 1          | K   |                           |
| 06                   | 707-51-95630            | • Ring ; buffer   | • Bague-tampon          | 1          | K   |                           |
| 07                   | 707-35-91410            | • Ring ; back- up | • Anneau de soutien     | 1          | K   |                           |
| 08                   | 07000-12135             | • O- ring         | • Joint torique         | 2          | K   |                           |
| 09                   | 707-52-10950            | • Bushing         | • Douille               | 1          |     |                           |
| 10                   | 01746-02136             | • Ring ; back-up  | • Anneau de soutien     | 1          | K   |                           |
| 11                   | 707-13-14030            | • Cylinder        | • Cylindre              | 1          |     |                           |
| 12                   | 707-58-95010            | • Rod             | • Tige                  | 1          |     |                           |
| 13                   | 707-88-99410            | • Band            | • Bride de serrage      | 2          |     |                           |
| 14                   | 707-86-07050            | • Tube            | • Tube                  | 1          |     |                           |
| 15                   | 707-86-10070            | • Tube            | • Tube                  | 1          |     |                           |
| 16                   | 707-71-50940            | • Plunger         | • Plongeur              | 1          |     |                           |
| 17                   | 707-36-14461            | • Piston          | • Piston                | 1          |     |                           |
| 18                   | 707-44-14180            | • Ring ; piston   | • Segment de piston     | 1          | K   |                           |
| 19                   | 07155-01435             | • Ring ; wear     | • Segment d'étanchéité  | 1          | K   |                           |
| 20                   | 707-68-10680            | • Nut             | • Ecrou                 | 1          |     |                           |
| 21                   | 707-71-91250            | • Screw           | • Vis                   | 1          |     |                           |
| 22                   | 04260-00635             | • Ball            | • Bille                 | 12         |     |                           |
| 23                   | 707-71-50261            | • Plunger         | • Plongeur              | 1          |     |                           |
| 24                   | 707-88-80140            | • Bolt            | • Vis                   | 2          |     |                           |
| 25                   | 01602-21030             | • Washer          | • Rondelle plate        | 4          |     |                           |
| 26                   | 707-88-80170            | • Bolt            | • Vis                   | 2          |     |                           |
| 27                   | 07000-13035             | • O- ring         | • Joint torique         | 1          | K   |                           |
| 28                   | 707-88-80150            | • Bolt            | • Vis                   | 4          |     |                           |
| 29                   | 01602-21030             | • Washer          | • Rondelle plate        | 4          |     |                           |
| 30                   | 707-76-80090            | • Bushing         | • Douille               | 2          |     |                           |
| 31                   | 707-88-97920            | • Bracket         | • Support               | 1          |     |                           |
| 32                   | 01643-31032             | • Washer          | • Rondelle plate        | 6          |     |                           |
| 33                   | 01599-01011             | • Nut             | • Ecrou                 | 6          |     |                           |
| 34                   | 07283-22738             | • Clip            | • Fixation              | 2          |     |                           |
| 35                   | 707-88-80090            | • Bolt            | • Vis                   | 2          |     |                           |
| 36                   | 707-88-80050            | • Bolt            | • Vis                   | 2          |     |                           |
| 37                   | 01602-20825             | • Washer          | • Rondelle plate        | 4          |     |                           |
| 38                   | 07000-13030             | • O- ring         | • Joint torique         | 1          |     |                           |
| 39                   | 707-88-99460            | • Band            | • Collier               | 1          | K   |                           |
| 40                   | 07283-23442             | • Clip            | • Fixation              | 1          |     |                           |
| 41                   | 07020-00000             | • Fitting         | • Serrage               | 1          |     |                           |
| 100                  | 707-58-57220            | • Kit ; seal      | • Kit d'étanchéité      | 1          |     |                           |

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