



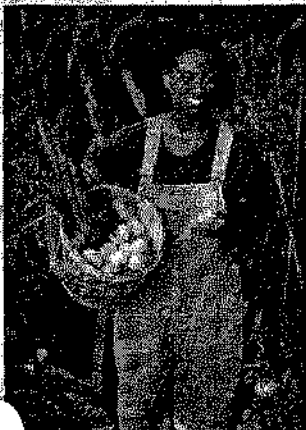
# Long Agribusiness

**PARTS MANUAL**



**FARMTRAC TRACTOR**

**MODELS: 270 DTC / 320 DTC**



## COMMON SENSE SOLUTIONS

**Long Agribusiness, LLC**

PO BOX 1120 • TAYLOR, NC 27886 • (252) 823-4151

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**IMPORTANT - READ CAREFULLY**

This **Safety**  **Alert Symbol** is intended to warn you of some potential hazard. You should look for this Symbol on your Farmtrac equipment and throughout this manual.

When the **Safety**  **Alert Symbol** is seen, you should carefully read the warning that is printed beside or under the Symbol and closely follow it!

The **Safety**  **Alert Symbol** is put on all LongAgribusiness equipment and in this and other manuals for your safety and protection. Be smart — AVOID ACCIDENTS!

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### *To The OWNER*

---

Thank you for purchasing your Farmtrac product. Your investment is in a quality product, carefully designed and manufactured for easy use and minimal maintenance. Your product is constructed of premium components and is as durable as you'll find. Before using your product for the first time, we recommend that you read this entire manual and study the information contained herein carefully. This will aid you in planning the work and avoiding most human error.

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### *To The OPERATOR*

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This Farmtrac product is an investment which deserves the best in maintenance and service. Proper care will allow full return on this investment. Replace parts only with Farmtrac approved replacement parts. Use of non-approved parts will automatically void any warranty.

Record the serial number, and model numbers here when applicable. Any communication regarding equipment sold by Farmtrac or its dealers must include these reference numbers. In the event parts are needed for this product these reference numbers will help speed up your order.

SERIAL \_\_\_\_\_

MODEL \_\_\_\_\_

#### CALIFORNIA PROPOSITION 65 WARNING

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

The information contained herein is from data available at the time of printing. Farmtrac North America, LLC reserves the right to make changes in specifications shown herein or to add improvements without notice and without incurring obligation.

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

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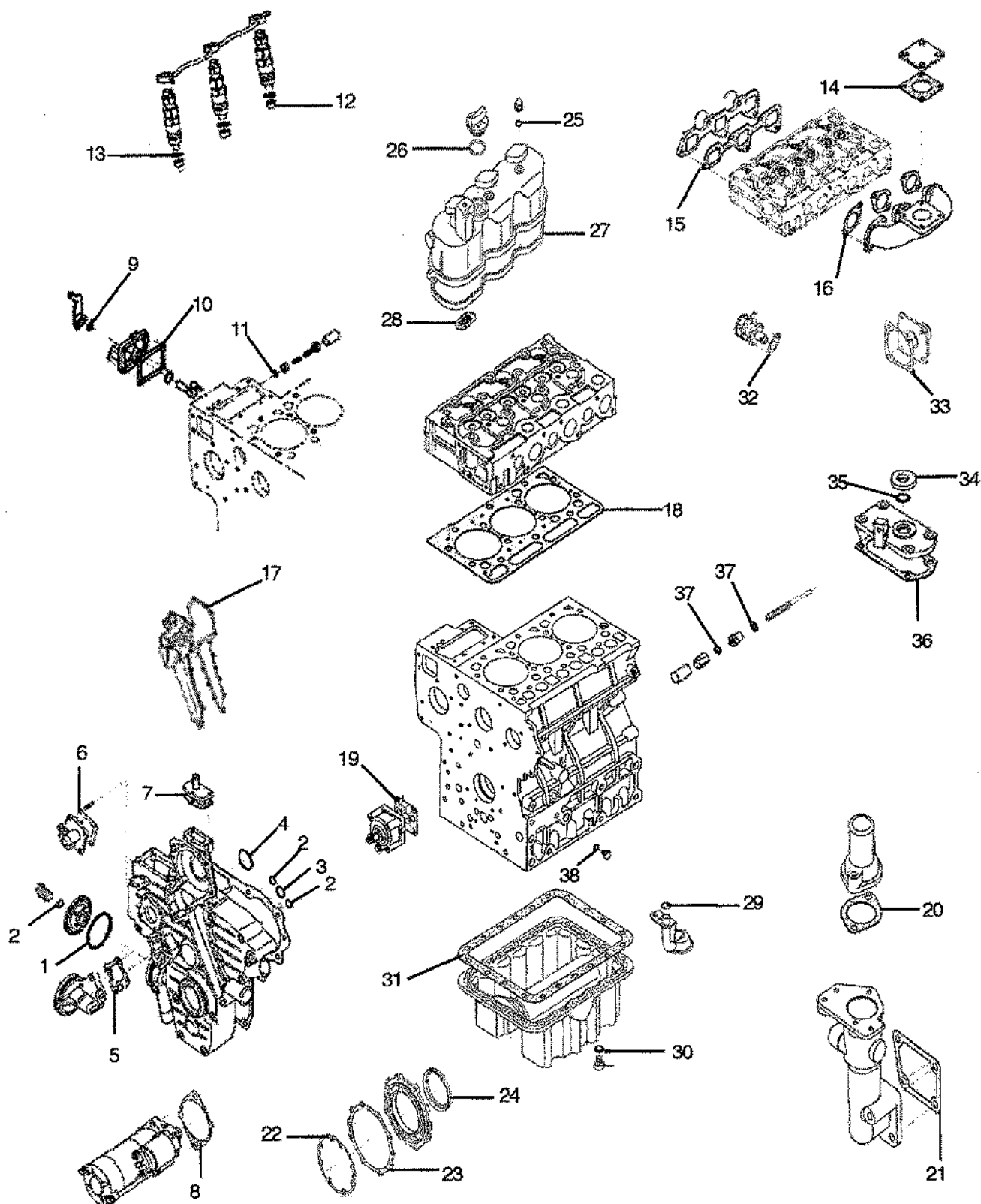
270 DTC / 320 DTC

SECTION 1

# ***GASKETS - ENGINE***

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**270DTC / 320DTC****GASKETS - ENGINE****OVERHAUL GASKET KIT (270 DTC)**

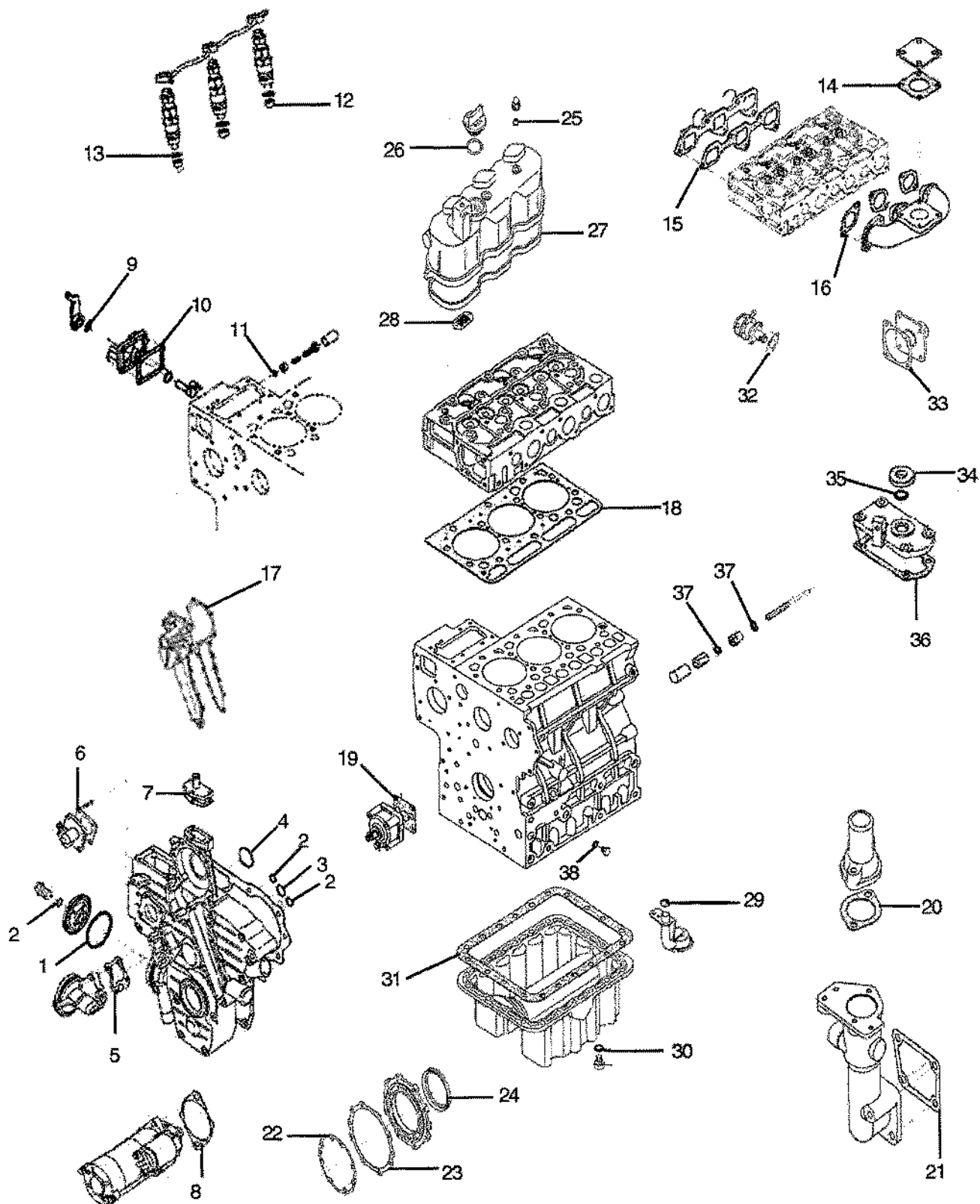
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**270DTC / 320DTC****GASKETS - ENGINE****OVERHAUL GASKET KIT (270 DTC)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>         | <b>QTY.<br/>270 DTC</b> |
|----------------|-----------------|----------------------------|-------------------------|
| 1-37           | 907631          | Engine Gasket Set          | 1                       |
| 1              | LG5473          | O-Ring                     | 1                       |
| 2              | LG4711          | O-Ring                     | 3                       |
| 3              | LG4712          | O-Ring                     | 1                       |
| 4              | LG4713          | O-Ring                     | 1                       |
| 5              | LG5469          | Gasket                     | 1                       |
| 6              | LG4728          | Gasket, Hour Meter Unit    | 1                       |
| 7              | LG4727          | Gasket, Water Flange       | 1                       |
| 8              | LG4477          | Gasket                     | 1                       |
| 9              | LG4628          | Seal, Oil                  | 1                       |
| 10             | LG4632          | Gasket, Pump Cover         | 1                       |
| 11             | LG4623          | O-Ring                     | 1                       |
| 12             | LG4488          | Seal, Nozzle               | 3                       |
| 13             | LG4825          | Gasket, Nozzle             | 3                       |
| 14             | LG5507          | Muffler Gasket             | 1                       |
| 15             | LG4475          | Intake Manifold Gasket     | 1                       |
| 16             | LG4489          | Exhaust Manifold Gasket    | 3                       |
| 17             | LG5500          | Water Pump Gasket          | 1                       |
| 18             | LG5562          | Head Gasket                | 1                       |
| 19             | LG4471          | Oil Pump Gasket            | 1                       |
| 20             | LG4856          | Gasket, Thermostat         | 1                       |
| 21             | LG4853          | Gasket, Water Flange       | 1                       |
| 22             | LG4484          | Gasket, Bearing Case       | 1                       |
| 23             | LG4485          | Case Cover Gasket, Main    | 1                       |
| 24             | LG4985          | Seal, Oil                  | 1                       |
| 25             | LG4470          | Gasket                     | 3                       |
| 26             | LG4761          | O-Ring                     | 1                       |
| 27             | LG4992          | Gasket, Head Cover         | 1                       |
| 28             | LG4762          | Element Plate              | 1                       |
| 29             | LG4693          | O-Ring                     | 1                       |
| 30             | LG4690          | Seal Washer                | 2                       |
| 31             | LG4468          | Oil Pan Gasket             | 1                       |
| 32             | LG4497          | Fuel Pump Gasket           | 1                       |
| 33             | LG5011          | Fuel Camshaft Cover Gasket | 1                       |
| 34             | LG4606          | Friction Plate             | 1                       |
| 35             | LG4603          | O-Ring, Control Plate      | 1                       |
| 36             | LG5490          | Gasket                     | 1                       |
| 37             | LG5486          | Gasket                     | 2                       |
| 38             | LG4680          | Gasket                     | 1                       |

## OVERHAUL GASKET KIT (320 DTC)



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****GASKETS - ENGINE****OVERHAUL GASKET KIT (320 DTC)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>         | <b>QTY.<br/>320 DTC</b> |
|----------------|-----------------|----------------------------|-------------------------|
| 1-37           | 907632          | Engine Gasket Set          | 1                       |
| 1              | LG5473          | O-Ring                     | 1                       |
| 2              | LG4711          | O-Ring                     | 3                       |
| 3              | LG4712          | O-Ring                     | 1                       |
| 4              | LG4713          | O-Ring                     | 1                       |
| 5              | LG5469          | Gasket                     | 1                       |
| 6              | LG4728          | Gasket, Hour Meter Unit    | 1                       |
| 7              | LG4727          | Gasket, Water Flange       | 1                       |
| 8              | LG4477          | Gasket                     | 1                       |
| 9              | LG4628          | Seal, Oil                  | 1                       |
| 10             | LG4632          | Gasket, Pump Cover         | 1                       |
| 11             | LG4623          | O-Ring                     | 1                       |
| 12             | LG4488          | Seal, Nozzle               | 3                       |
| 13             | LG4825          | Gasket, Nozzle             | 3                       |
| 14             | LG5507          | Muffler Gasket             | 1                       |
| 15             | LG4475          | Intake Manifold Gasket     | 1                       |
| 16             | LG4489          | Exhaust Manifold Gasket    | 3                       |
| 17             | LG5500          | Water Pump Gasket          | 1                       |
| 18             | LG4867          | Head Gasket                | 1                       |
| 19             | LG4471          | Oil Pump Gasket            | 1                       |
| 20             | LG4856          | Gasket, Thermostat         | 1                       |
| 21             | LG4853          | Gasket, Water Flange       | 1                       |
| 22             | LG4484          | Gasket, Bearing Case       | 1                       |
| 23             | LG4485          | Case Cover Gasket, Main    | 1                       |
| 24             | LG4985          | Seal, Oil                  | 1                       |
| 25             | LG4470          | Gasket                     | 3                       |
| 26             | LG4761          | O-Ring                     | 1                       |
| 27             | LG4992          | Gasket, Head Cover         | 1                       |
| 28             | LG4762          | Element Plate              | 1                       |
| 29             | LG4693          | O-Ring                     | 1                       |
| 30             | LG4690          | Seal Washer                | 2                       |
| 31             | LG4468          | Oil Pan Gasket             | 1                       |
| 32             | LG4497          | Fuel Pump Gasket           | 1                       |
| 33             | LG5011          | Fuel Camshaft Cover Gasket | 1                       |
| 34             | LG4606          | Friction Plate             | 1                       |
| 35             | LG4603          | O-Ring, Control Plate      | 1                       |
| 36             | LG5490          | Gasket                     | 1                       |
| 37             | LG5486          | Gasket                     | 2                       |
| 38             | LG4680          | Gasket                     | 1                       |

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## NOTES

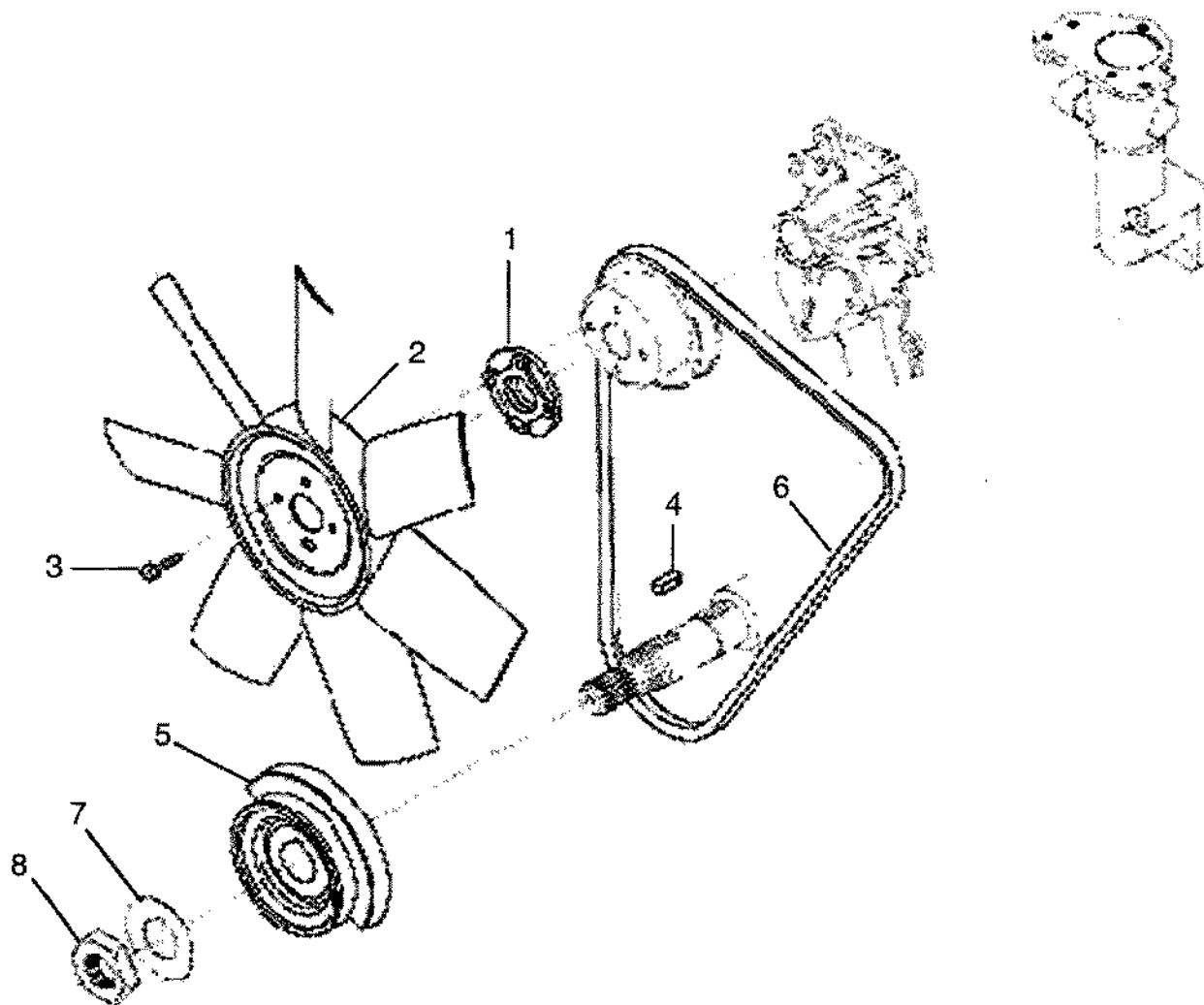
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**270 DTC / 320 DTC**

**SECTION 2**

# ***COOLING SYSTEM***



**COOLING SYSTEM**

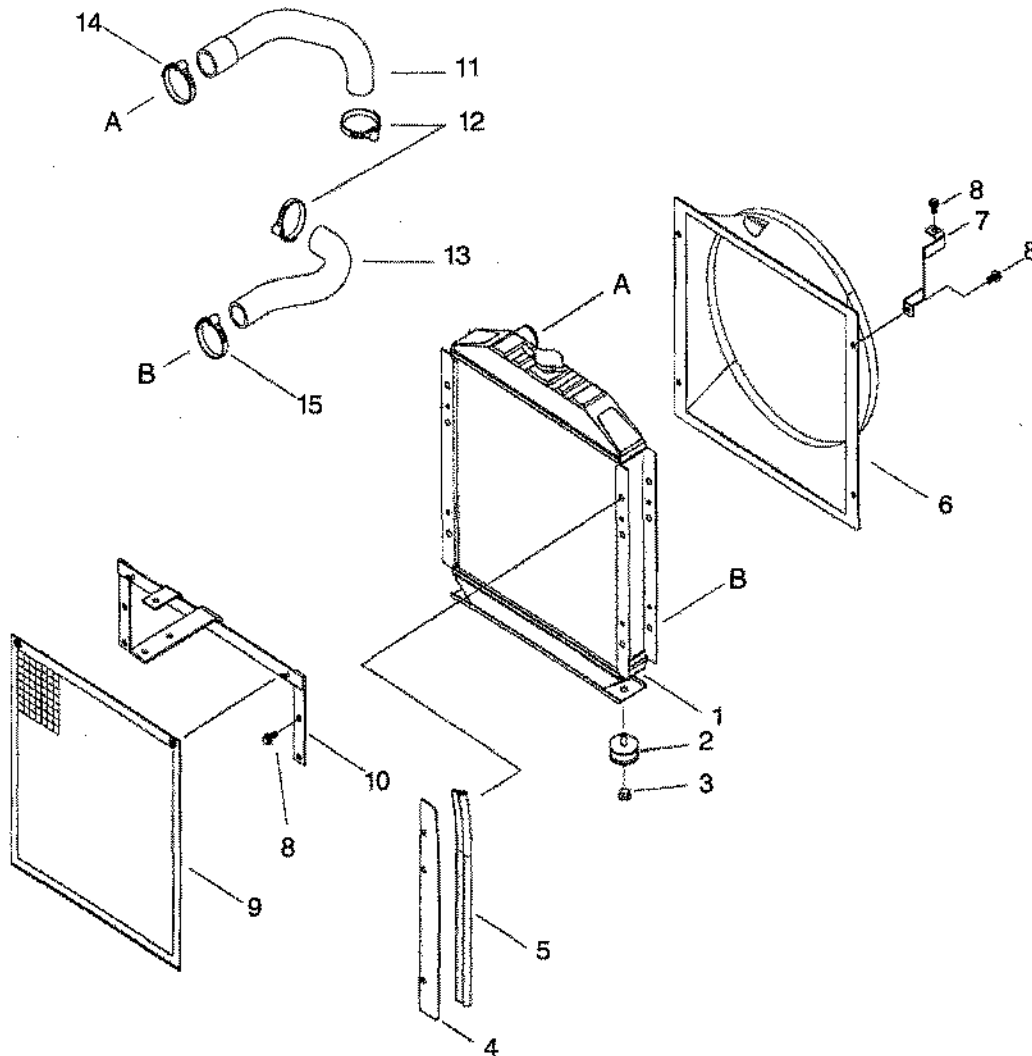
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DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****COOLING SYSTEM****COOLING SYSTEM**

| <i>ITEM No</i> | <i>PART No.</i> | <i>DESCRIPTION</i> | <i>QTY.</i>    |                |
|----------------|-----------------|--------------------|----------------|----------------|
|                |                 |                    | <i>270 DTC</i> | <i>320 DTC</i> |
| 1              | LG5513          | Fan Collar         | 1              | 1              |
| 2              | LG4500          | Cooling Fan        | 1              | 1              |
| 3              | LG5514          | Flange Bolt        | 4              | 4              |
| 4              | LG4778          | Key                | 1              | 1              |
| 5              | LG5515          | Fan Drive Pulley   | 1              | 1              |
| 6              | LG5516          | Fan Belt           | 1              | 1              |
| 7              | LG4808          | Crankshaft Washer  | 1              | 1              |
| 8              | LG4807          | Crankshaft Nut     | 1              | 1              |

## RADIATOR



**FARMTRAC**

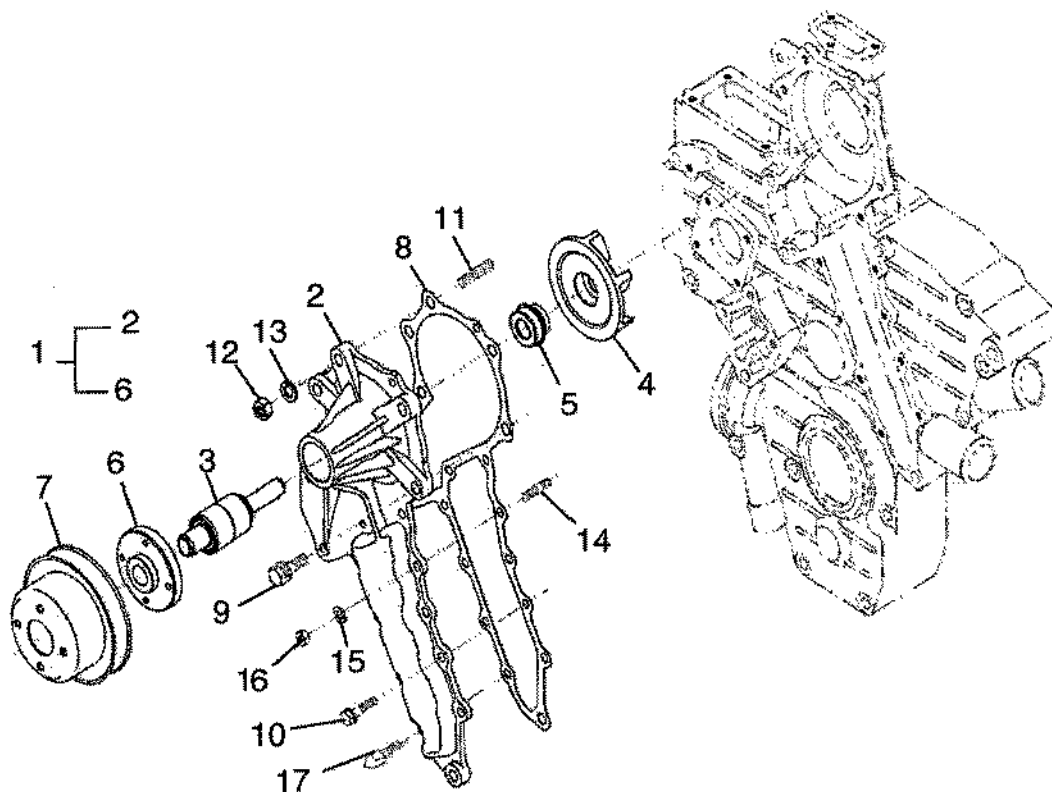
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****COOLING SYSTEM****RADIATOR**

| ITEM No | PART No. | DESCRIPTION                     | QTY.    |         |
|---------|----------|---------------------------------|---------|---------|
|         |          |                                 | 270 DTC | 320 DTC |
| 1       | LG4869   | Radiator                        | 1       | 1       |
| 2       | LG4870   | Rubber, Damping                 | 2       | 2       |
| 3       | LG1983   | Nut, Flange BTY (M10x1.25)      | 2       | 2       |
| 4       | LG5106   | Plate, Wing                     | 2       | 2       |
| 5       | LG5107   | Weather Strip                   | 2       | 2       |
| 6       | LG4219   | Shroud, Fan                     | 1       | 1       |
| 7       | LG5432   | Bracket, Radiator               | 1       | 1       |
| 8       | LG1892   | Bolt, Hex w/Washer (M8x1.25x20) | 11      | 11      |
| 9       | LG5433   | Net, Front                      | 1       | 1       |
| 10      | LG5434   | Bracket, Air Cleaner            | 1       | 1       |
| 11      | LG5108   | Hose, Upper                     | 1       | 1       |
| 12      | LG4940   | Clamp, Hose                     | 1       | 1       |
| 13      | LG5109   | Hose, Lower                     | 1       | 1       |
| 14      | LG3301   | Clamp, Hose                     | 1       | 1       |
| 15      | LG1046   | Clamp, Hose                     | 1       | 1       |

**WATER PUMP**

| ITEM No | PART No. | DESCRIPTION              | QTY.    |         |
|---------|----------|--------------------------|---------|---------|
|         |          |                          | 270 DTC | 320 DTC |
| 1       | LG5494   | Water Pump Assembly      | 1       | 1       |
| 2       | LG5495   | Water Pump Body          | 1       | 1       |
| 3       | LG5496   | Water Pump Bearing       | 1       | 1       |
| 4       | LG5497   | Impeller                 | 1       | 1       |
| 5       | LG5022   | Mecahnical Seal Assembly | 1       | 1       |
| 6       | LG5498   | Flange                   | 1       | 1       |
| 7       | LG5499   | Fan Pulley               | 1       | 1       |
| 8       | LG5500   | Water Pump Gasket        | 1       | 1       |
| 9       | LG4850   | Bolt w/Washer            | 1       | 1       |
| 10      | LG4633   | Bolt w/Washer            | 1       | 1       |
| 11      | LG4851   | Stud                     | 1       | 1       |
| 12      | LG4564   | Nut                      | 1       | 1       |
| 13      | LG4565   | Washer, Spring           | 1       | 1       |
| 14      | LG4729   | Stud                     | 1       | 1       |
| 15      | LG4572   | Washer, Spring           | 1       | 1       |
| 16      | LG4614   | Nut                      | 1       | 1       |
| 17      | LG4571   | Timing Bolt              | 1       | 1       |

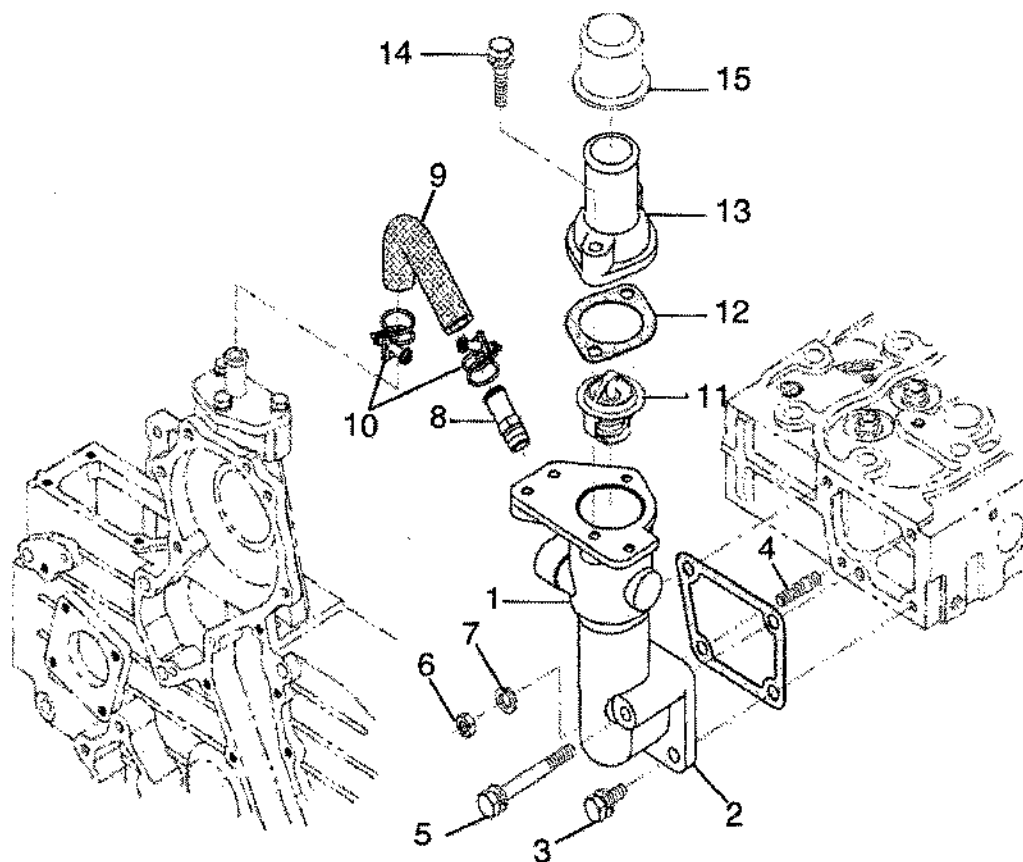


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DRIVING TRADITIONS TOMORROW

**270DTC/320DTC****COOLING SYSTEM****THERMOSTAT**

| ITEM No | PART No. | DESCRIPTION          | QTY.    |         |
|---------|----------|----------------------|---------|---------|
|         |          |                      | 270 DTC | 320 DTC |
| 1       | LG5501   | Water Flange         | 1       | 1       |
| 2       | LG4853   | Gasket, Water Flange | 1       | 1       |
| 3       | LG4562   | Bolt w/Washer        | 2       | 2       |
| 4       | LG4563   | Stud                 | 1       | 1       |
| 5       | LG4717   | Bolt w/Washer        | 1       | 1       |
| 6       | LG4564   | Nut                  | 1       | 1       |
| 7       | LG4565   | Washer, Spring       | 1       | 1       |
| 8       | LG4678   | Pipe, Water Return   | 1       | 1       |
| 9       | LG4586   | Hose, Water Return   | 1       | 1       |
| 10      | LG4612   | Pipe Band            | 2       | 2       |
| 11      | LG4854   | Thermostat Assembly  | 1       | 1       |
| 12      | LG4856   | Gasket, Thermostat   | 1       | 1       |
| 13      | LG5502   | Thermostat Cover     | 1       | 1       |
| 14      | LG4857   | Bolt w/Washer        | 2       | 2       |
| 15      | LG5478   | Water Pipe Cover     | 1       | 1       |



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## NOTES

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**270 DTC / 320 DTC**

**SECTION 3**

# ***ENGINE***



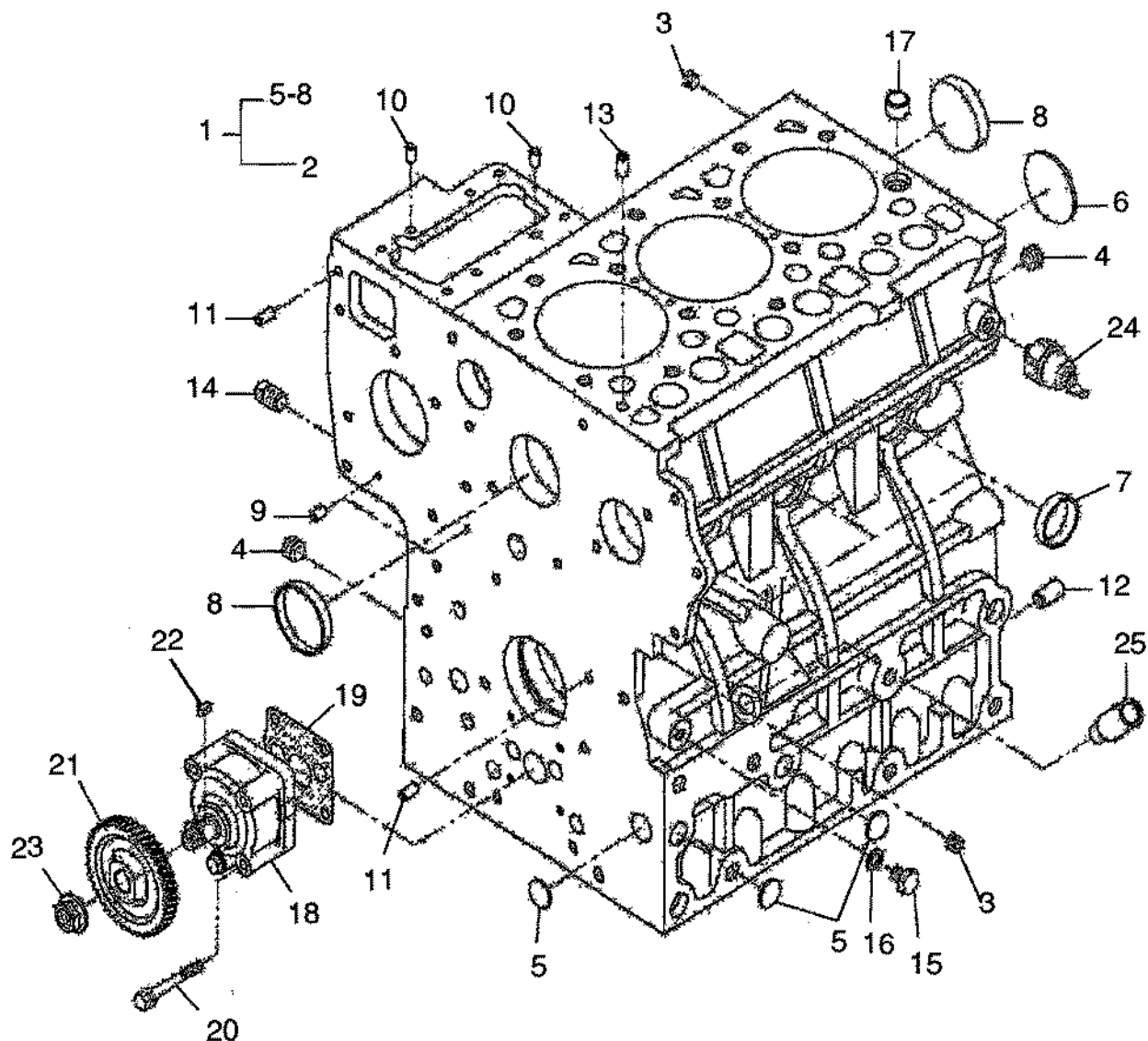
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DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC**

**ENGINE**

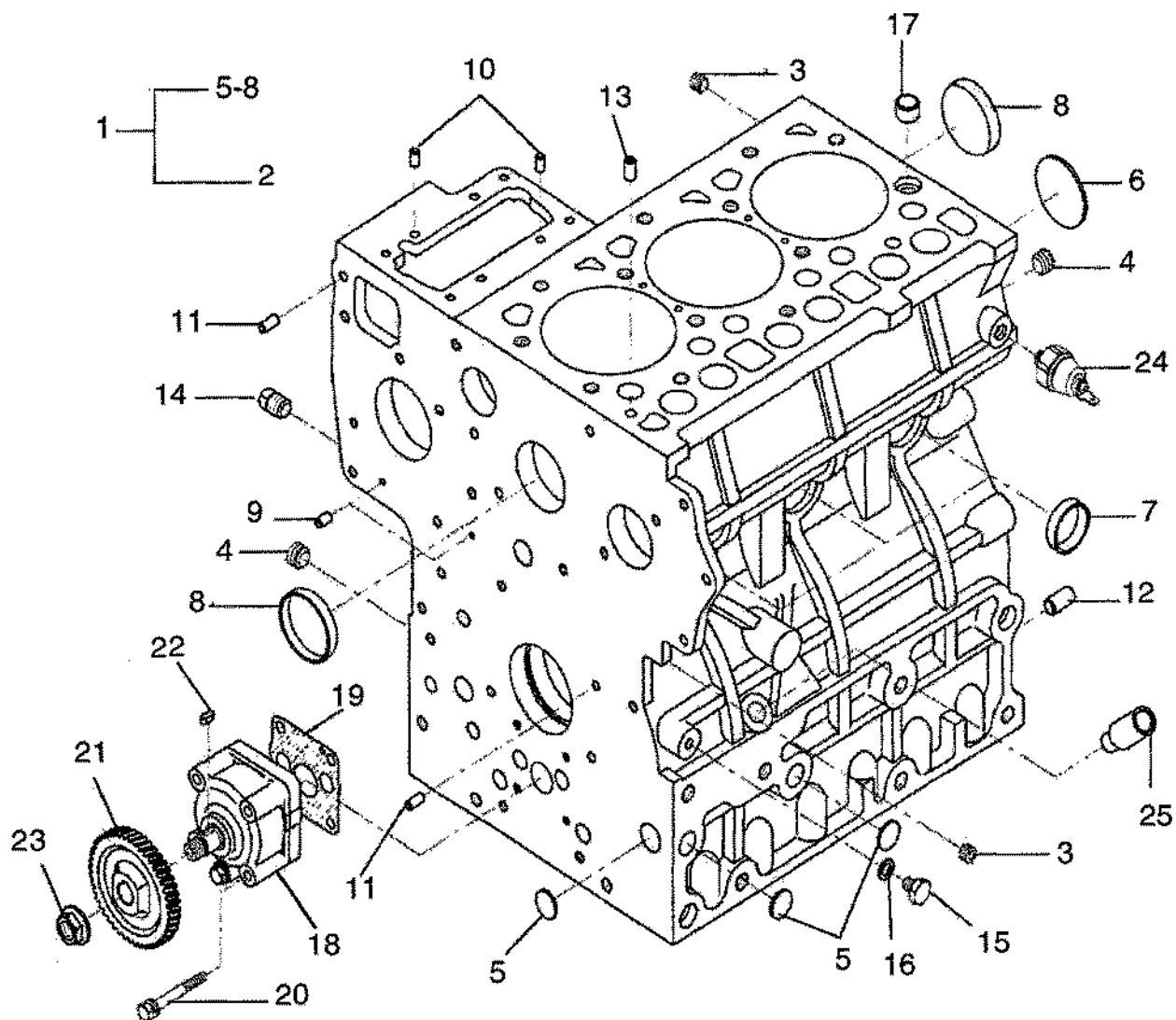
**CYLINDER BLDCK (270 DTC)**



**270DTC / 320DTC****ENGINE****CYLINDER BLOCK (270 DTC)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>      | <b>QTY.<br/>270 DTC</b> |
|----------------|-----------------|-------------------------|-------------------------|
| 1              | LG5447          | Cylinder Block Assembly | 1                       |
| 2              | LG5448          | Cylinder Block          | 1                       |
| 3              | LG4667          | Plug                    | 5                       |
| 4              | LG4668          | Plug                    | 2                       |
| 5              | LG4669          | Plug                    | 3                       |
| 6              | LG4670          | Plug                    | 1                       |
| 7              | LG4671          | Sealing Cap             | 5                       |
| 8              | LG4672          | Sealing Cap             | 2                       |
| 9              | LG4673          | Straight Pin            | 2                       |
| 10             | LG4674          | Straight Pin            | 2                       |
| 11             | LG4675          | Straight Pin            | 2                       |
| 12             | LG4676          | Straight Pin            | 1                       |
| 13             | LG4677          | Pipe Pin                | 1                       |
| 14             | LG5449          | Plug                    | 1                       |
| 15             | LG4679          | Plug                    | 1                       |
| 16             | LG4680          | Gasket                  | 1                       |
| 17             | LG4681          | Pipe Pin                | 1                       |
| 18             | LG4480          | Oil Pump Assembly       | 1                       |
| 19             | LG4471          | Gasket, Oil Pump        | 1                       |
| 20             | LG4682          | Bolt w/Washer           | 4                       |
| 21             | LG4683          | Oil Pump Drive Gear     | 1                       |
| 22             | LG4684          | Key                     | 1                       |
| 23             | LG4685          | Flange Nut              | 1                       |
| 24             | LG4472          | Oil Switch              | 1                       |
| 25             | LG4686          | Oil Gauge Guide         | 1                       |

## CYLINDER BLOCK (320 DTC)

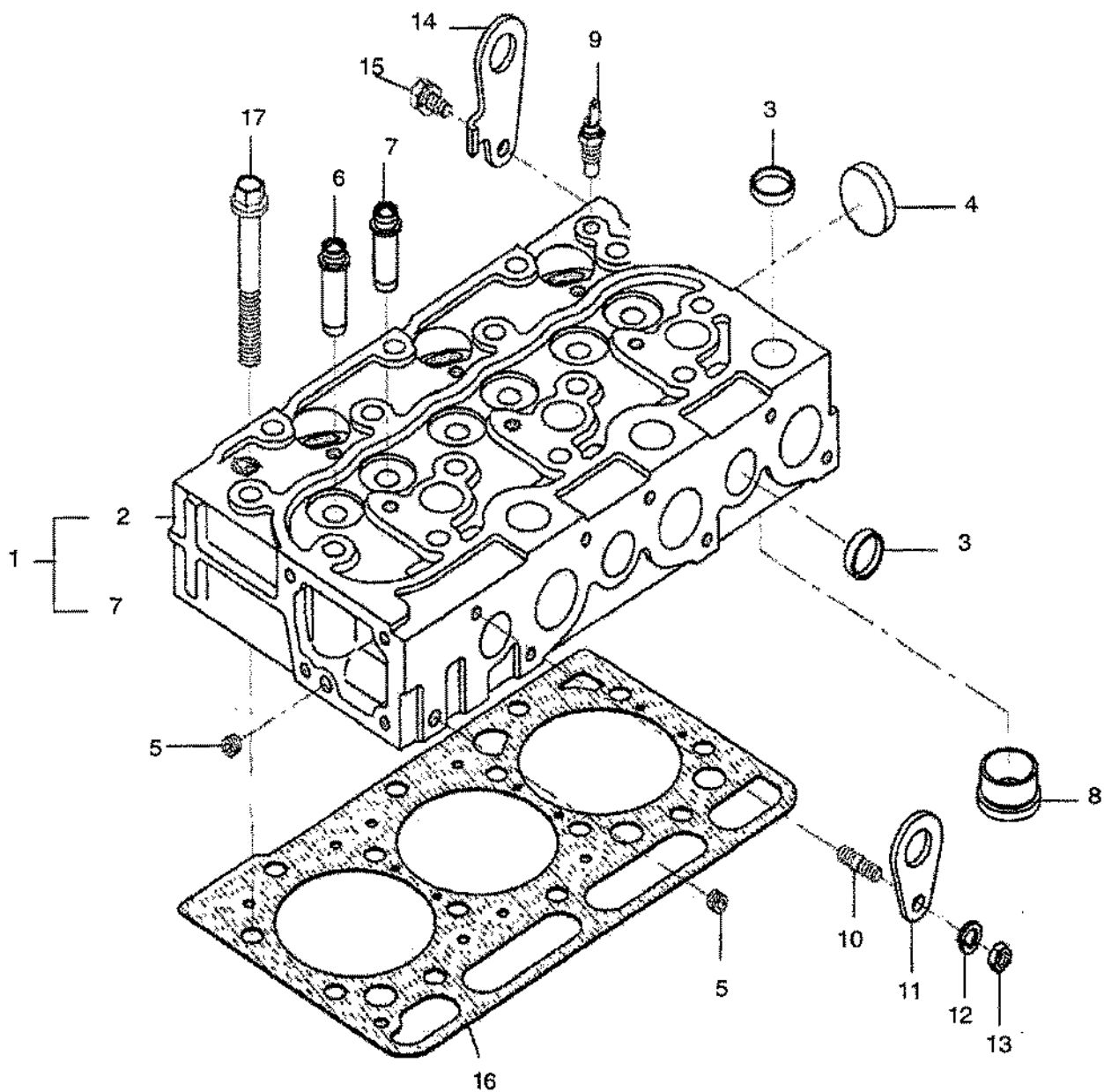


**270DTC / 320DTC****ENGINE****CYLINDER BLOCK (320 DTC)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>      | <b>QTY.</b>    |
|----------------|-----------------|-------------------------|----------------|
|                |                 |                         | <b>320 DTC</b> |
| 1              | LG4977          | Cylinder Block Assembly | 1              |
| 2              | LG4978          | Cylinder Block          | 1              |
| 3              | LG4667          | Plug                    | 5              |
| 4              | LG4668          | Plug                    | 2              |
| 5              | LG4669          | Plug                    | 3              |
| 6              | LG4670          | Plug                    | 1              |
| 7              | LG4671          | Sealing Cap             | 5              |
| 8              | LG4672          | Sealing Cap             | 2              |
| 9              | LG4673          | Straight Pin            | 2              |
| 10             | LG4674          | Straight Pin            | 2              |
| 11             | LG4675          | Straight Pin            | 2              |
| 12             | LG4676          | Straight Pin            | 1              |
| 13             | LG4677          | Pipe Pin                | 1              |
| 14             | LG5449          | Plug                    | 1              |
| 15             | LG4679          | Plug                    | 1              |
| 16             | LG4680          | Gasket                  | 1              |
| 17             | LG4681          | Pipe Pin                | 1              |
| 18             | LG4480          | Oil Pump Assembly       | 1              |
| 19             | LG4471          | Oil Pump Gasket         | 1              |
| 20             | LG4682          | Bolt w/Washer           | 4              |
| 21             | LG4683          | Oil Pump Drive Gear     | 1              |
| 22             | LG4684          | Key                     | 1              |
| 23             | LG4685          | Flange Nut              | 1              |
| 24             | LG4472          | Oil Switch              | 1              |
| 25             | LG4686          | Oil Gauge Guide         | 1              |

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DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ENGINE****CYLINDER HEAD (270DTC)**

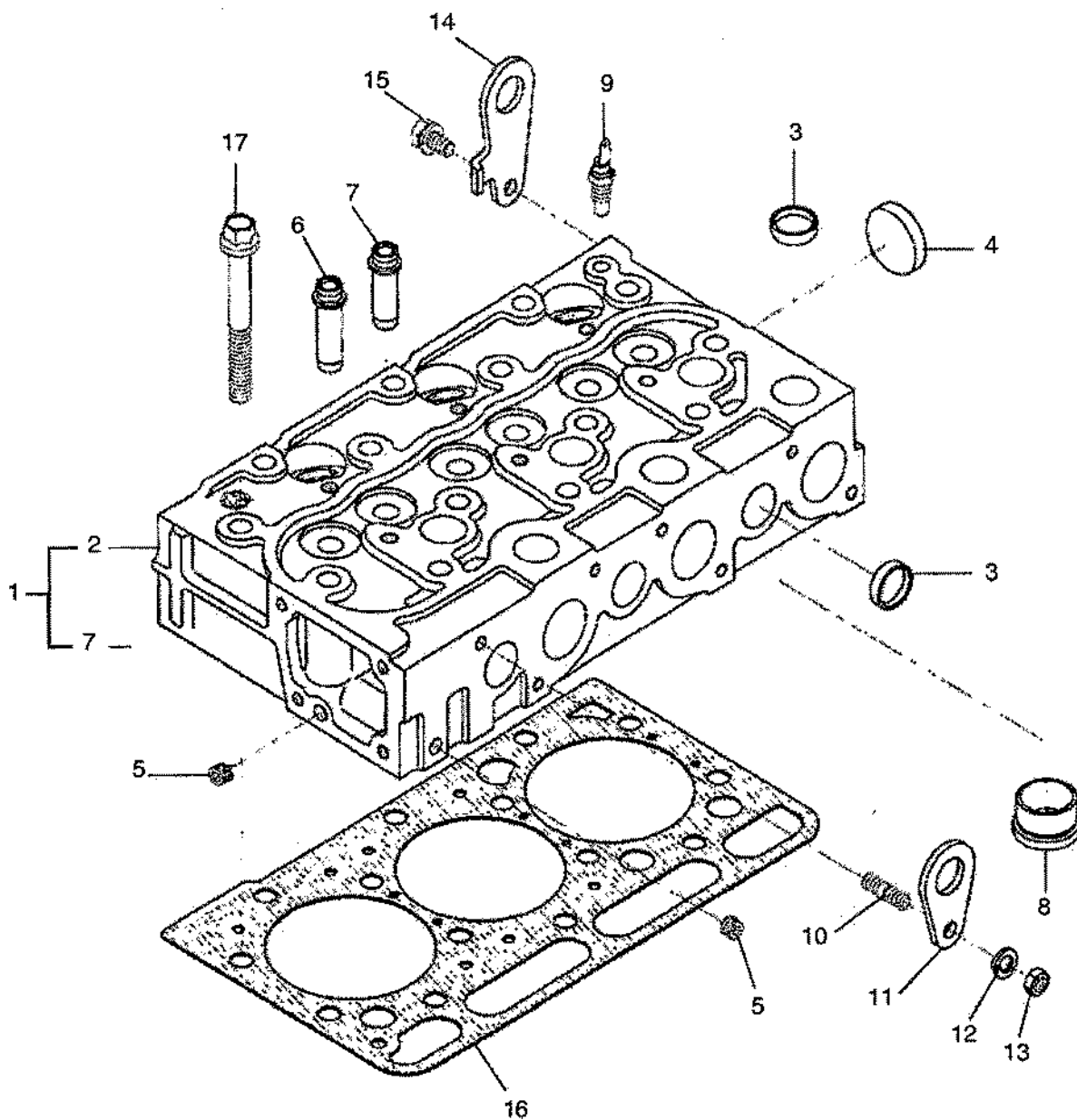
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ENGINE****CYLINDER HEAD (270 DTC)**

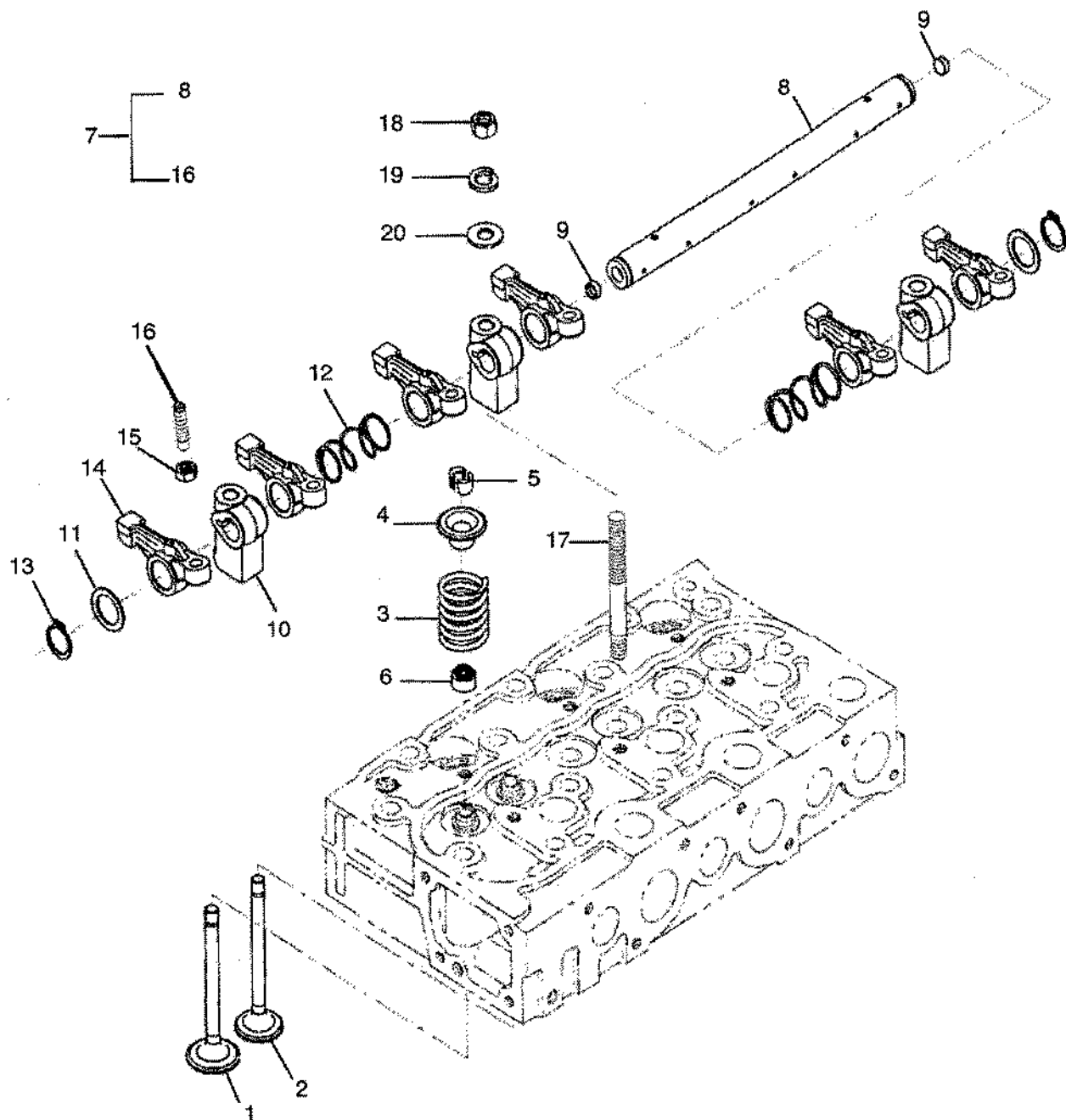
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>     | <b>QTY.</b>    |
|----------------|-----------------|------------------------|----------------|
|                |                 |                        | <b>270 DTC</b> |
| 1              | LG5451          | Cylinder Head Assembly | 1              |
| 2              | LG5452          | Cylinder Head          | 1              |
| 3              | LG4697          | Sealing Cap            | 9              |
| 4              | LG4698          | Sealing Cap            | 1              |
| 5              | LG4667          | Plug                   | 2              |
| 6              | LG4700          | Inlet Valve Guide      | 3              |
| 7              | LG4701          | Exhaust Valve Guide    | 3              |
| 8              | LG4705          | Hot Plug               | 3              |
| 9              | LG4706          | Thermometer Switch     | 1              |
| 10             | LG4563          | Stud                   | 1              |
| 11             | LG4702          | Engine Hook            | 1              |
| 12             | LG4565          | Spring Washer          | 1              |
| 13             | LG4564          | Nut                    | 1              |
| 14             | LG4715          | Engine Hook            | 1              |
| 15             | LG4703          | Bolt w/Washer          | 1              |
| 16             | LG5562          | Head Gasket            | 1              |
| 17             | LG4704          | Head Bolt              | 14             |

## CYLINDER HEAD (320 DTC)



**270DTC / 320DTC****ENGINE****CYLINDER HEAD (320 DTC)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>     | <b>QTY.<br/>320 DTC</b> |
|----------------|-----------------|------------------------|-------------------------|
| 1              | LG5454          | Cylinder Head Assembly | 1                       |
| 2              | LG5455          | Cylinder Head          | 1                       |
| 3              | LG4697          | Sealing Cap            | 9                       |
| 4              | LG4698          | Sealing Cap            | 1                       |
| 5              | LG4699          | Plug                   | 2                       |
| 6              | LG4700          | Inlet Valve Guide      | 3                       |
| 7              | LG4701          | Exhaust Valve Guide    | 3                       |
| 8              | LG4705          | Hot Plug               | 3                       |
| 9              | LG4706          | Thermometer Switch     | 1                       |
| 10             | LG4563          | Stud                   | 1                       |
| 11             | LG5702          | Engine Hook            | 1                       |
| 12             | LG4565          | Spring Washer          | 1                       |
| 13             | LG4564          | Nut                    | 1                       |
| 14             | LG4715          | Engine Hook            | 1                       |
| 15             | LG4703          | Bolt w/Washer          | 1                       |
| 16             | LG4867          | Head Gasket            | 1                       |
| 17             | LG4704          | Head Bolt              | 14                      |

**VALVE MECHANISM**

**FARMTRAC**

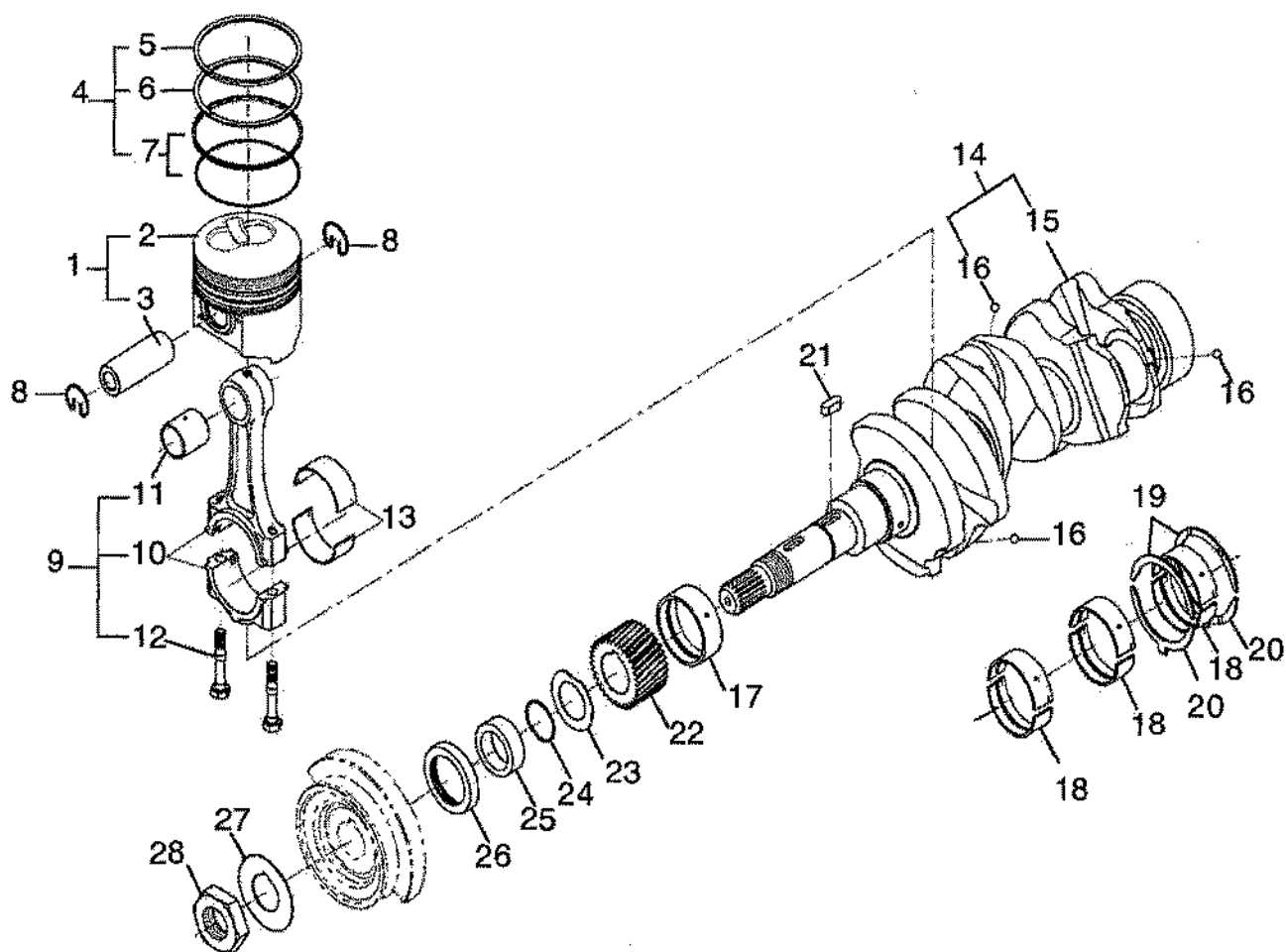
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ENGINE****VALVE MECHANISM**

| ITEM No | PART No. | DESCRIPTION               | QTY.    |         |
|---------|----------|---------------------------|---------|---------|
|         |          |                           | 270 DTC | 320 DTC |
| 1       | LG4738   | Inlet Valve               | 3       | 3       |
| 2       | LG4739   | Exhaust Valve             | 3       | 3       |
| 3       | LG4988   | Valve Spring              | 6       | 6       |
| 4       | LG4741   | Valve Spring Retainer     | 6       | 6       |
| 5       | LG4742   | Valve Spring Collet       | 12      | 12      |
| 6       | LG4490   | Seal, Valve Stem          | 6       | 6       |
| 7       | LG4743   | Rocker Arm Shaft Assembly | 1       | 1       |
| 8       | LG4745   | Rocker Arm Shaft          | 1       | 1       |
| 9       | LG4746   | Sealing Cap               | 2       | 2       |
| 10      | LG4747   | Rocker Arm Bracket        | 3       | 3       |
| 11      | LG4748   | Plain Washer              | 2       | 2       |
| 12      | LG4749   | Rocker Arm Spring         | 2       | 2       |
| 13      | LG4750   | Circlip                   | 2       | 2       |
| 14      | LG4751   | Rocker Arm                | 6       | 6       |
| 15      | LG4752   | Adjusting Nut             | 6       | 6       |
| 16      | LG4753   | Adjusting Screw           | 6       | 6       |
| 17      | LG4754   | Rocker Arm Stud           | 3       | 3       |
| 18      | LG4755   | Nut                       | 3       | 3       |
| 19      | LG4756   | Spring Washer             | 3       | 3       |
| 20      | LG4757   | Plain Washer              | 3       | 3       |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**ENGINE****SECTION 3****CRANKCASE (270 DTC)**

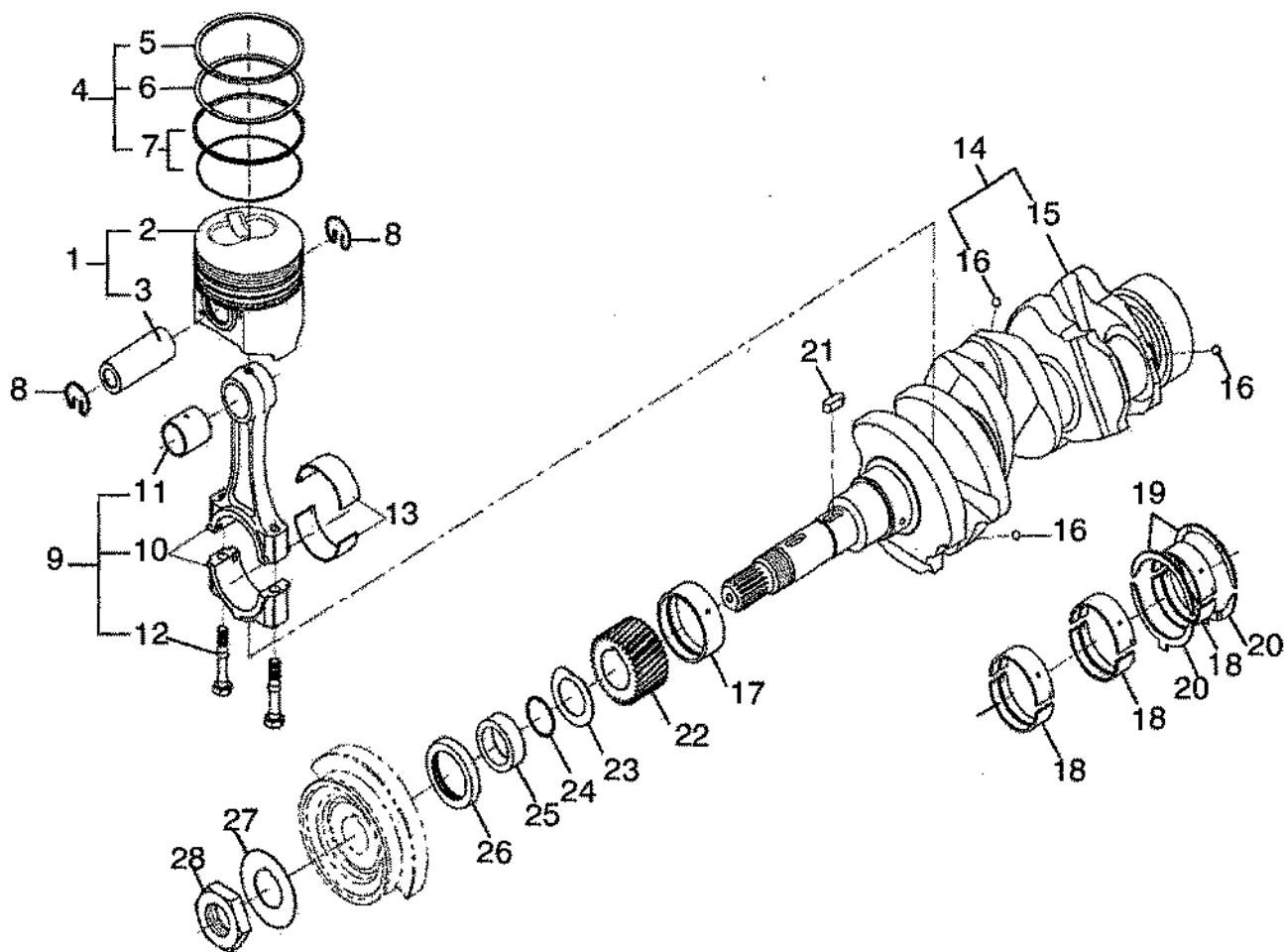
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**ENGINE****SECTION 3****CRANKCASE (270 DTC)**

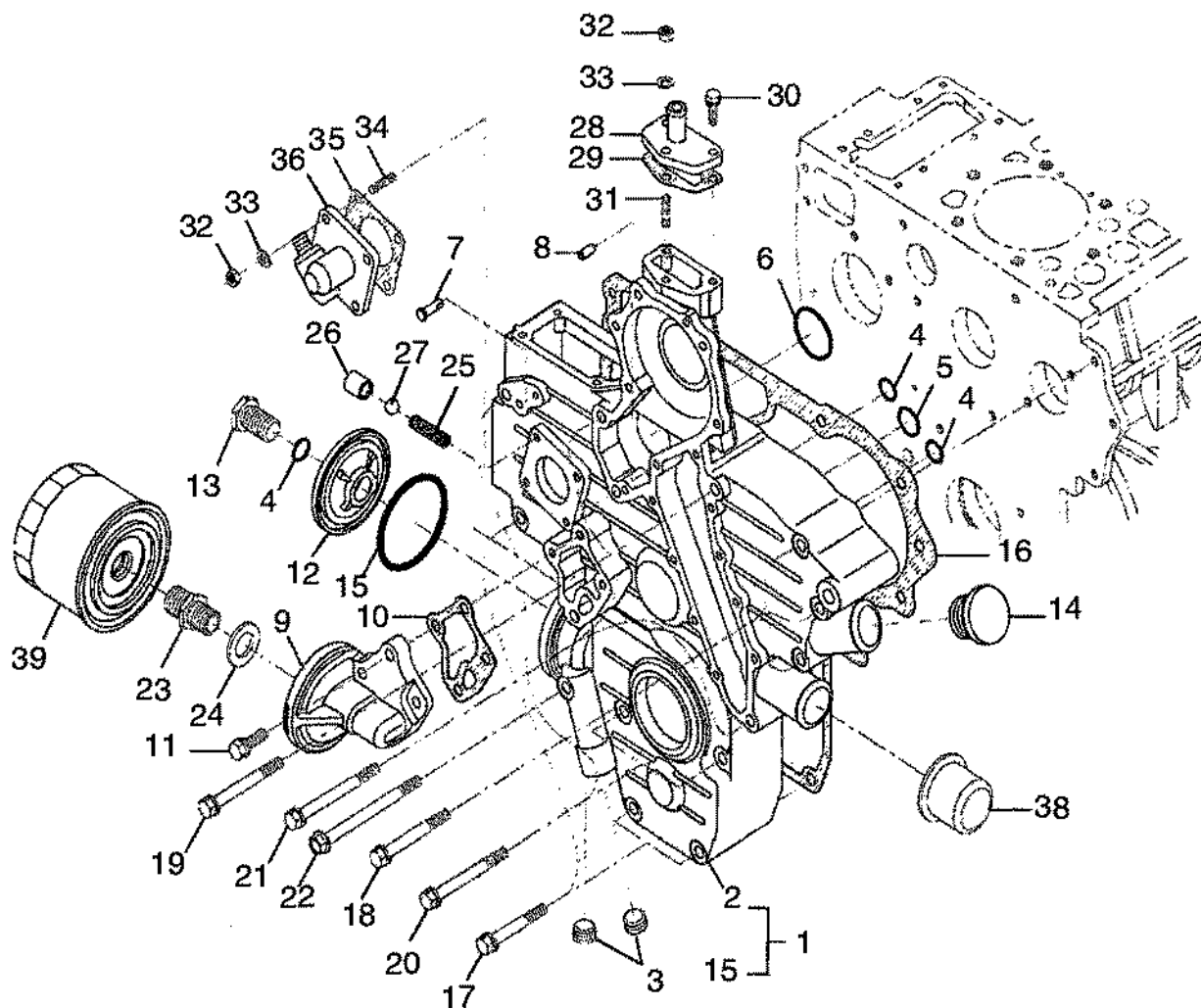
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>      | <b>QTY.<br/>270 DTC</b> |
|----------------|-----------------|-------------------------|-------------------------|
| 1              | LG5456          | Piston Assembly         | 3                       |
| 2              | LG5457          | Piston                  | 3                       |
| 3              | LG4995          | Piston Pin              | 3                       |
| 4              | LG5458          | Piston Ring Assembly    | 3                       |
| 5              | LG5459          | Piston Ring 1           | 3                       |
| 6              | LG5460          | Piston Ring 2           | 3                       |
| 7              | LG5461          | Oil Ring Assembly       | 3                       |
| 8              | LG4794          | Cir-Clip                | 6                       |
| 9              | LG4795          | Connecting Rod Assembly | 3                       |
| 10             | LG4796          | Connecting Rod          | 3                       |
| 11             | LG4797          | Piston Pin Bushing      | 3                       |
| 12             | LG4798          | Connecting Rod Bolt     | 6                       |
| 13             | LG4486          | Crank Pin Metal         | 6                       |
| 14             | LG5462          | Crank Shaft Assembly    | 1                       |
| 15             | LG5463          | Crankshaft              | 1                       |
| 16             | LG4776          | Plug                    | 3                       |
| 17             | LG4478          | Crankshaft Metal 1      | 1                       |
| 18             | LG4479          | Crankshaft Metal 2      | 6                       |
| 19             | LG4499          | Side Metal 1            | 2                       |
| 20             | LG4501          | Side Metal 2            | 2                       |
| 21             | LG4778          | Key                     | 1                       |
| 22             | LG4803          | Crankshaft Gear         | 1                       |
| 23             | LG4804          | Oil Slinger             | 1                       |
| 24             | LG4805          | O-Ring                  | 1                       |
| 25             | LG5464          | Crankshaft Collar       | 1                       |
| 26             | LG4470          | Seal, Oil               | 1                       |
| 27             | LG4808          | Crankshaft Washer       | 1                       |
| 28             | LG4807          | Crankshaft Nut          | 1                       |

**CRANKCASE (320 DTC)**



**270DTC / 320DTC****ENGINE****CRANKCASE (320 DTC)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>      | <b>QTY.<br/>320 DTC</b> |
|----------------|-----------------|-------------------------|-------------------------|
| 1              | LG4491          | Piston Assembly         | 3                       |
| 2              | LG4789          | Piston                  | 3                       |
| 3              | LG4995          | Piston Pin              | 3                       |
| 4              | LG4492          | Piston Ring Assembly    | 3                       |
| 5              | LG4791          | Piston Ring 1           | 3                       |
| 6              | LG4792          | Piston Ring 2           | 3                       |
| 7              | LG4793          | Oil Ring Assembly       | 3                       |
| 8              | LG4794          | Cir-Clip                | 6                       |
| 9              | LG4795          | Connecting Rod Assembly | 3                       |
| 10             | LG4796          | Connecting Rod          | 3                       |
| 11             | LG4797          | Bush                    | 3                       |
| 12             | LG4798          | Connecting Rod Bolt     | 6                       |
| 13             | LG4486          | Crank Pin Metal         | 6                       |
| 14             | LG5462          | Crank Shaft Assembly    | 1                       |
| 15             | LG5463          | Crankshaft              | 1                       |
| 16             | LG4801          | Steel Ball              | 3                       |
| 17             | LG4478          | Crankshaft Metal 1      | 1                       |
| 18             | LG4479          | Crankshaft Metal 2      | 6                       |
| 19             | LG4499          | Side Metal 1            | 2                       |
| 20             | LG4501          | Side Metal 2            | 2                       |
| 21             | LG4778          | Key                     | 1                       |
| 22             | LG4803          | Crankshaft Gear         | 1                       |
| 23             | LG4804          | Oil Slinger             | 1                       |
| 24             | LG4805          | O-Ring                  | 1                       |
| 25             | LG5464          | Crankshaft Collar       | 1                       |
| 26             | LG4470          | Oil Seal                | 1                       |
| 27             | LG4808          | Crankshaft Washer       | 1                       |
| 28             | LG4807          | Crankshaft Nut          | 1                       |

**TIMING GEAR CASE**

**FARMTRAC**

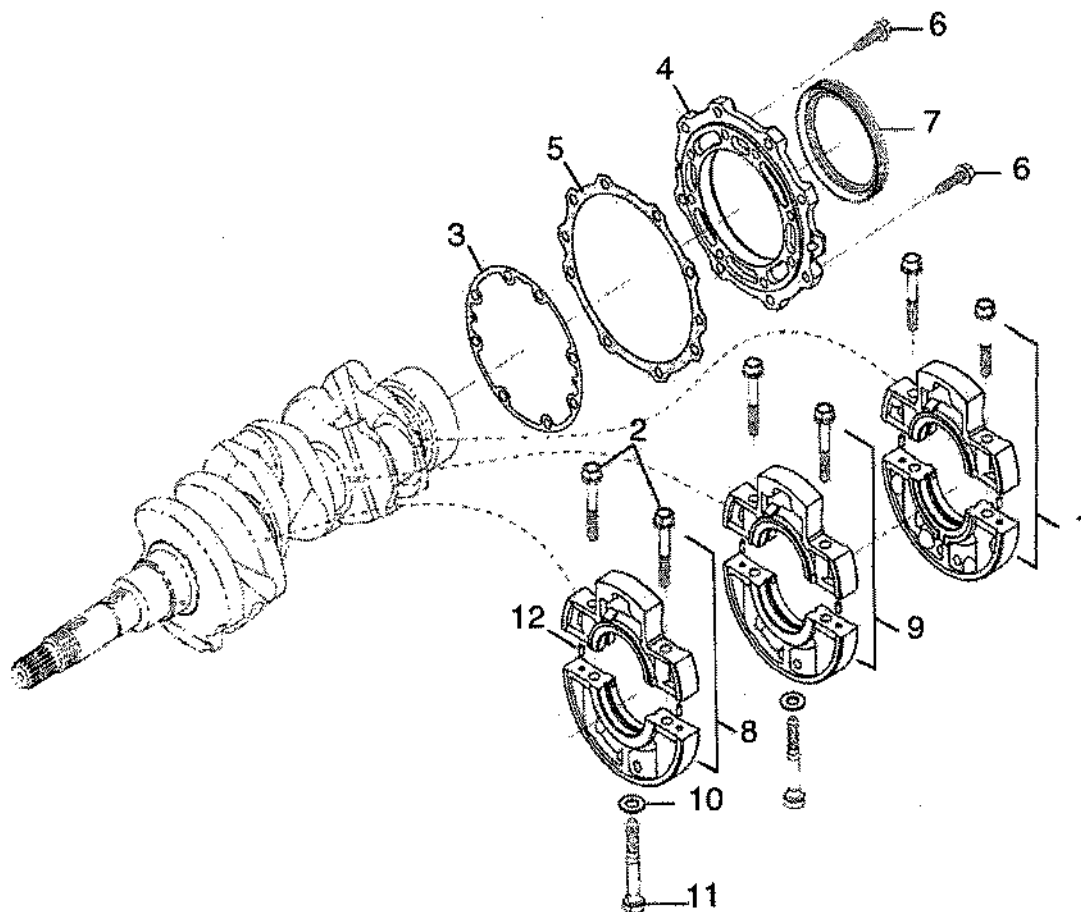
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ENGINE****TIMING GEAR CASE**

| ITEM No | PART No. | DESCRIPTION             | QTY.    |         |
|---------|----------|-------------------------|---------|---------|
|         |          |                         | 270 DTC | 320 DTC |
| 1       | LG5465   | Gearcase Assembly       | 1       | 1       |
| 2       | LG5466   | Gearcase                | 1       | 1       |
| 3       | LG5467   | Plug                    | 2       | 2       |
| 4       | LG4711   | O-Ring                  | 3       | 3       |
| 5       | LG4712   | O-Ring                  | 1       | 1       |
| 6       | LG4713   | O-Ring                  | 1       | 1       |
| 7       | LG4714   | Start Spring Pin        | 1       | 1       |
| 8       | LG4675   | Straight Pin            | 2       | 2       |
| 9       | LG5468   | Oil Filter Support      | 1       | 1       |
| 10      | LG5469   | Gasket                  | 1       | 1       |
| 11      | LG5470   | Bolt w/Washer           | 3       | 3       |
| 12      | LG5471   | Cover                   | 1       | 1       |
| 13      | LG5472   | Cover Bolt              | 1       | 1       |
| 14      | LG5477   | Oil Plug                | 1       | 1       |
| 15      | LG5473   | O-Ring                  | 1       | 1       |
| 16      | LG5474   | Gasket, Gearcase        | 1       | 1       |
| 17      | LG4716   | Bolt w/Washer           | 3       | 3       |
| 18      | LG4717   | Bolt w/Washer           | 3       | 3       |
| 19      | LG5475   | Bolt w/Washer           | 1       | 1       |
| 20      | LG4718   | Bolt w/Washer           | 3       | 3       |
| 21      | LG4719   | Bolt w/Washer           | 3       | 3       |
| 22      | LG5476   | Flange Bolt             | 2       | 2       |
| 23      | LG4983   | Pipe, Joint             | 1       | 1       |
| 24      | LG4722   | Washer, Plain           | 1       | 1       |
| 25      | LG4723   | Spring                  | 1       | 1       |
| 26      | LG4724   | Valve Seat              | 1       | 1       |
| 27      | LG4725   | Steel Ball              | 1       | 1       |
| 28      | LG4726   | Water Return Flange     | 1       | 1       |
| 29      | LG4727   | Gasket, Water Flange    | 1       | 1       |
| 30      | LG4609   | Bolt w/Washer           | 2       | 2       |
| 31      | LG4570   | Stud                    | 1       | 1       |
| 32      | LG4614   | Nut                     | 5       | 5       |
| 33      | LG4572   | Washer, Spring          | 5       | 5       |
| 34      | LG4729   | Stud                    | 4       | 4       |
| 35      | LG4728   | Gasket, Hour Meter Unit | 1       | 1       |
| 36      | LG4466   | Assembly, Hour Meter    | 1       | 1       |
| 37      | LG4572   | Washer, Spring          | 4       | 4       |
| 38      | LG5478   | Water Pipe Cover        | 1       | 1       |
| 39      | LG4481   | Oil Filter              | 1       | 1       |

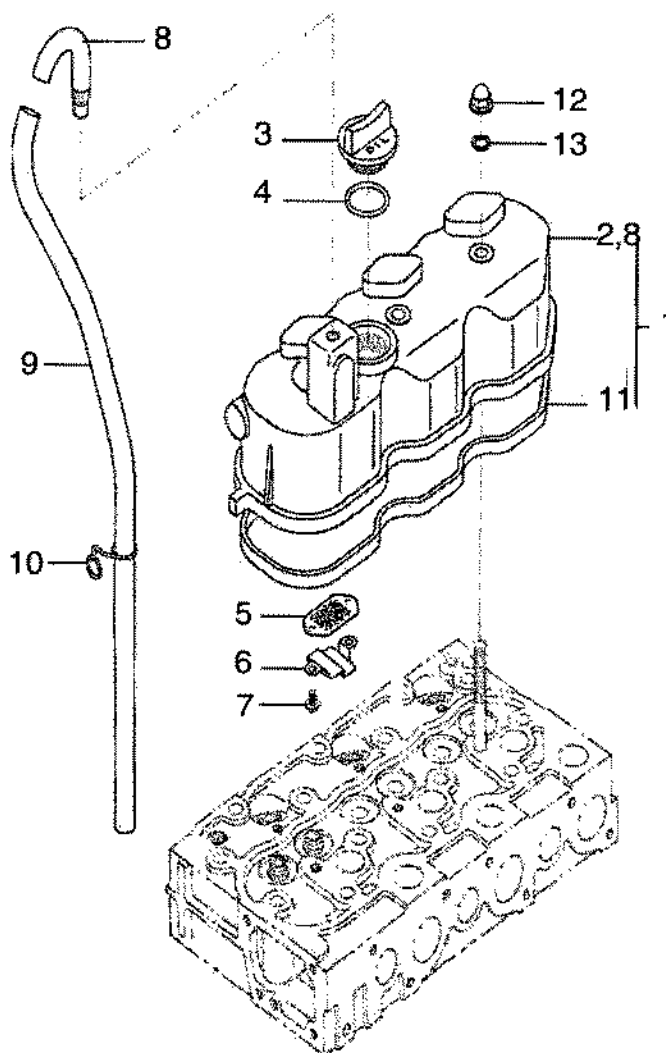
## MAIN BEARING CASE

| ITEM NO | PART NO. | DESCRIPTION                     | QTY.    |         |
|---------|----------|---------------------------------|---------|---------|
|         |          |                                 | 270 DTC | 320 DTC |
| 1       | LG4984   | Main Bearing Case Assembly 3    | 1       | 1       |
| 2       | LG4731   | Bearing Case Bolt 1             | 6       | 6       |
| 3       | LG4484   | Gasket, Bearing Case            | 1       | 1       |
| 4       | LG4732   | Bearing Case Cover              | 1       | 1       |
| 5       | LG4485   | Bearing Case Cover Gasket, Main | 1       | 1       |
| 6       | LG4733   | Flange Bolt w/Pin               | 16      | 16      |
| 7       | LG4985   | Seal, Oil                       | 1       | 1       |
| 8       | LG4986   | Main Bearing Case Assembly 1    | 1       | 1       |
| 9       | LG4987   | Main Bearing Case Assembly 2    | 1       | 1       |
| 10      | LG4737   | Washer                          | 2       | 2       |
| 11      | LG4736   | Bearing Case Bolt 2             | 2       | 2       |
| 12      | LG4673   | Straight Pin                    | 6       | 6       |



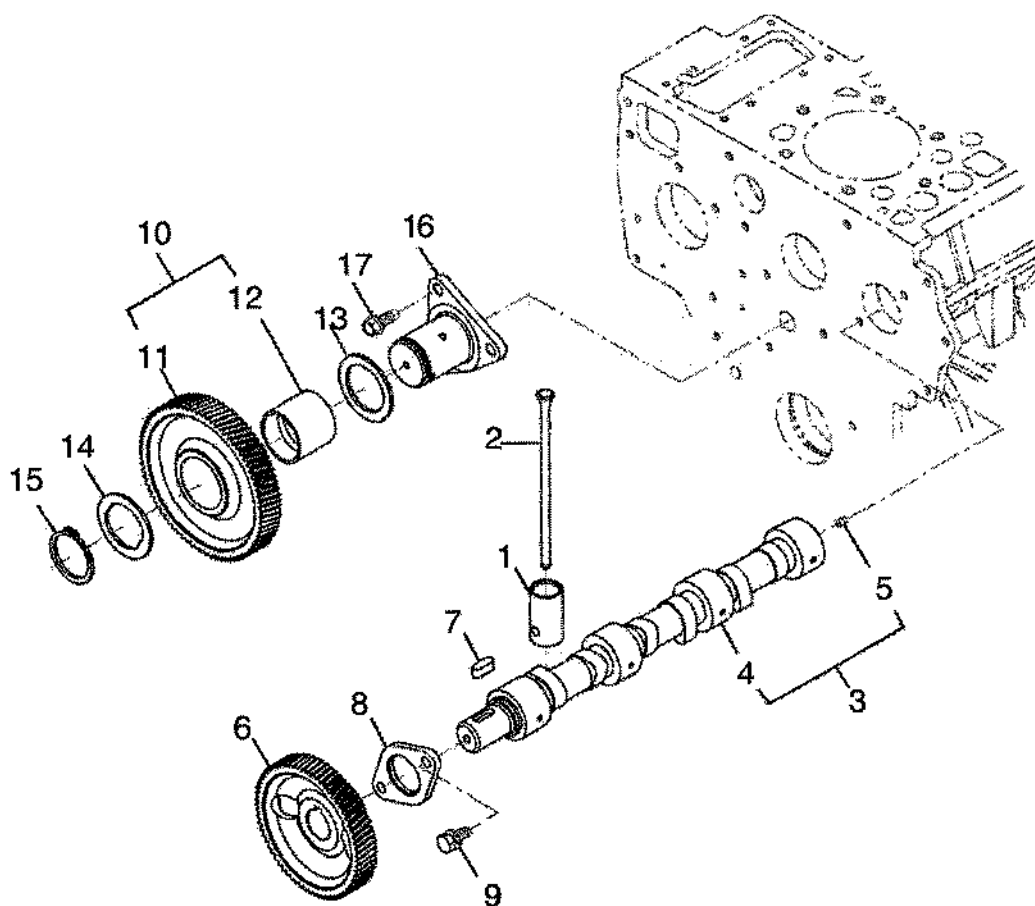
**CYLINDER HEAD COVER**

| ITEM NO | PART NO. | DESCRIPTION                  | QTY.    |         |
|---------|----------|------------------------------|---------|---------|
|         |          |                              | 270 DTC | 320 DTC |
| 1       | LG4989   | Cylinder Head Cover Assembly | 1       | 1       |
| 2       | LG4990   | Cylinder Head Cover          | 1       | 1       |
| 3       | LG4991   | Oil Filler Plug              | 1       | 1       |
| 4       | LG4761   | O-Ring                       | 1       | 1       |
| 5       | LG4762   | Element Plate                | 1       | 1       |
| 6       | LG4763   | Breather Oil Shield          | 1       | 1       |
| 7       | LG4764   | Screw,w/Washer               | 2       | 2       |
| 8       | LG4765   | Breather Pipe Joint          | 1       | 1       |
| 9       | LG4766   | Breather Pipe                | 1       | 1       |
| 10      | LG4767   | Pipe Clamp                   | 1       | 1       |
| 11      | LG4992   | Gasket, Head Cover           | 1       | 1       |
| 12      | LG4993   | Cap Nut                      | 3       | 3       |
| 13      | LG4770   | Gasket                       | 3       | 3       |



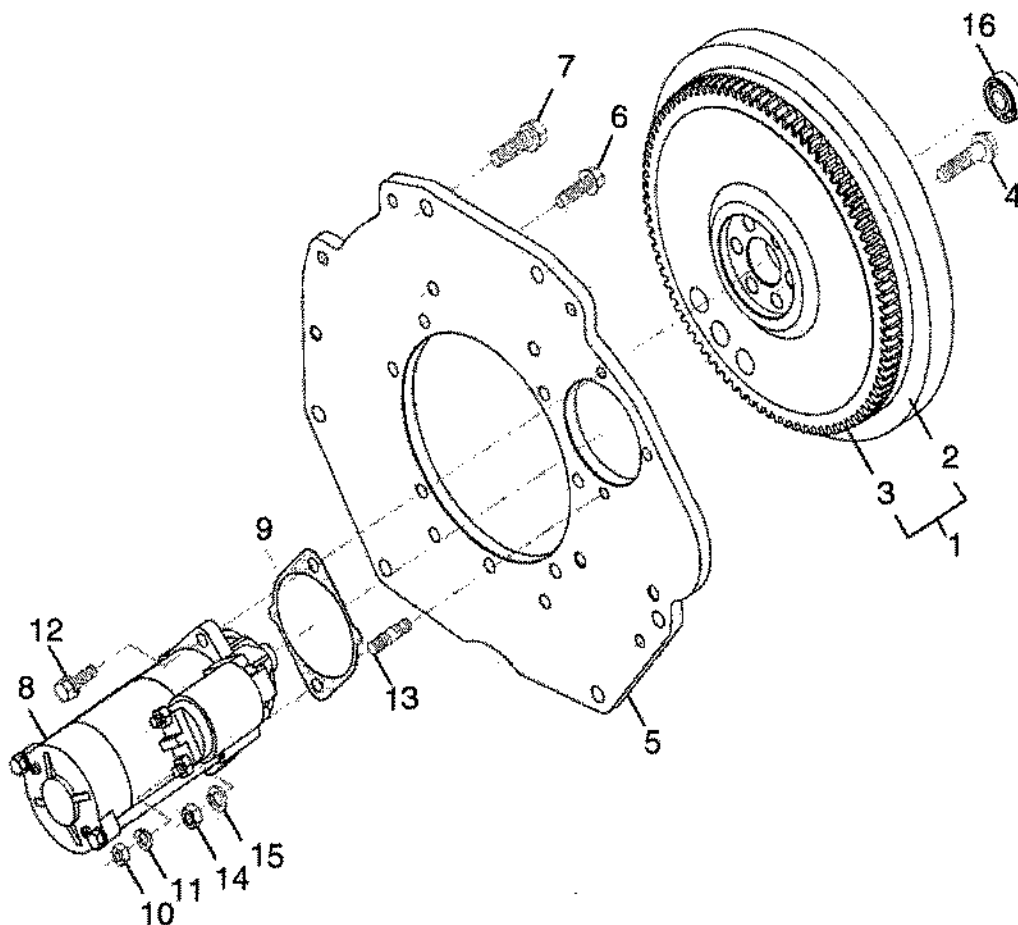
## CAMSHAFT

| ITEM No | PART No. | DESCRIPTION        | QTY.    |         |
|---------|----------|--------------------|---------|---------|
|         |          |                    | 270 DTC | 320 DTC |
| 1       | LG4772   | Tappet             | 6       | 6       |
| 2       | LG4773   | Push Rod           | 6       | 6       |
| 3       | LG4994   | Camshaft Assembly  | 1       | 1       |
| 4       | LG4775   | Camshaft           | 1       | 1       |
| 5       | LG4776   | Plug               | 2       | 2       |
| 6       | LG4777   | Camshaft Gear      | 1       | 1       |
| 7       | LG4778   | Key                | 1       | 1       |
| 8       | LG4779   | Camshaft Stopper   | 1       | 1       |
| 9       | LG4780   | Bolt w/Washer      | 2       | 2       |
| 10      | LG4781   | Idle Gear Assembly | 1       | 1       |
| 11      | LG4782   | Idle Gear          | 1       | 1       |
| 12      | LG4783   | Idle Gear Bushing  | 1       | 1       |
| 13      | LG4784   | Collar 1           | 1       | 1       |
| 14      | LG4785   | Collar 2           | 1       | 1       |
| 15      | LG4786   | Circlip            | 1       | 1       |
| 16      | LG4787   | Idle Gear Shaft    | 1       | 1       |
| 17      | LG4692   | Flange Bolt w/Pin  | 3       | 3       |

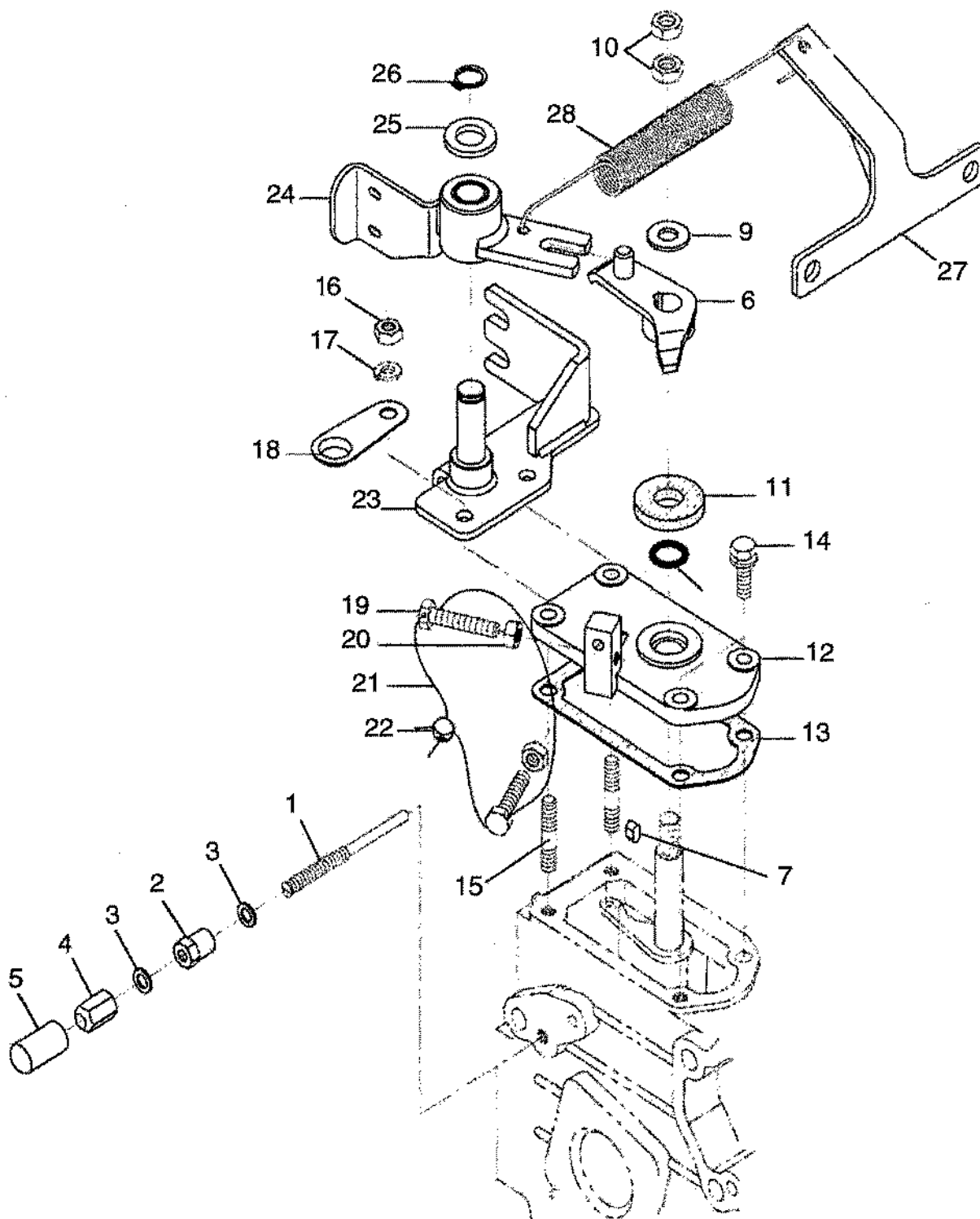


## FLYWHEEL (SINGLE CLUTCH)

| ITEM No | PART No. | DESCRIPTION       | QTY.    |         |
|---------|----------|-------------------|---------|---------|
|         |          |                   | 270 DTC | 320 DTC |
| 1       | LG5479   | Flywheel Assembly | 1       | 1       |
| 2       | LG5480   | Flywheel          | 1       | 1       |
| 3       | LG4811   | Ring Gear         | 1       | 1       |
| 4       | LG4999   | Flywheel Bolt     | 6       | 6       |
| 5       | LG5481   | Rear End Plate    | 1       | 1       |
| 6       | LG4888   | Flange Bolt w/Pin | 11      | 11      |
| 7       | LG5001   | Bolt w/Washer     | 2       | 2       |
| 8       | LG4494   | Starter Assembly  | 1       | 1       |
| 9       | LG4477   | Gasket            | 1       | 1       |
| 10      | LG4564   | Nut               | 1       | 1       |
| 11      | LG4565   | Spring Washer     | 1       | 1       |
| 12      | LG5002   | Bolt w/Washer     | 1       | 1       |
| 13      | LG4822   | Stud              | 1       | 1       |
| 14      | LG4755   | Nut               | 1       | 1       |
| 15      | LG4756   | Spring Washer     | 1       | 1       |
| 16      | LG4802   | Ball Bearing      | 1       | 1       |



**SPEED CONTROL LEVER**



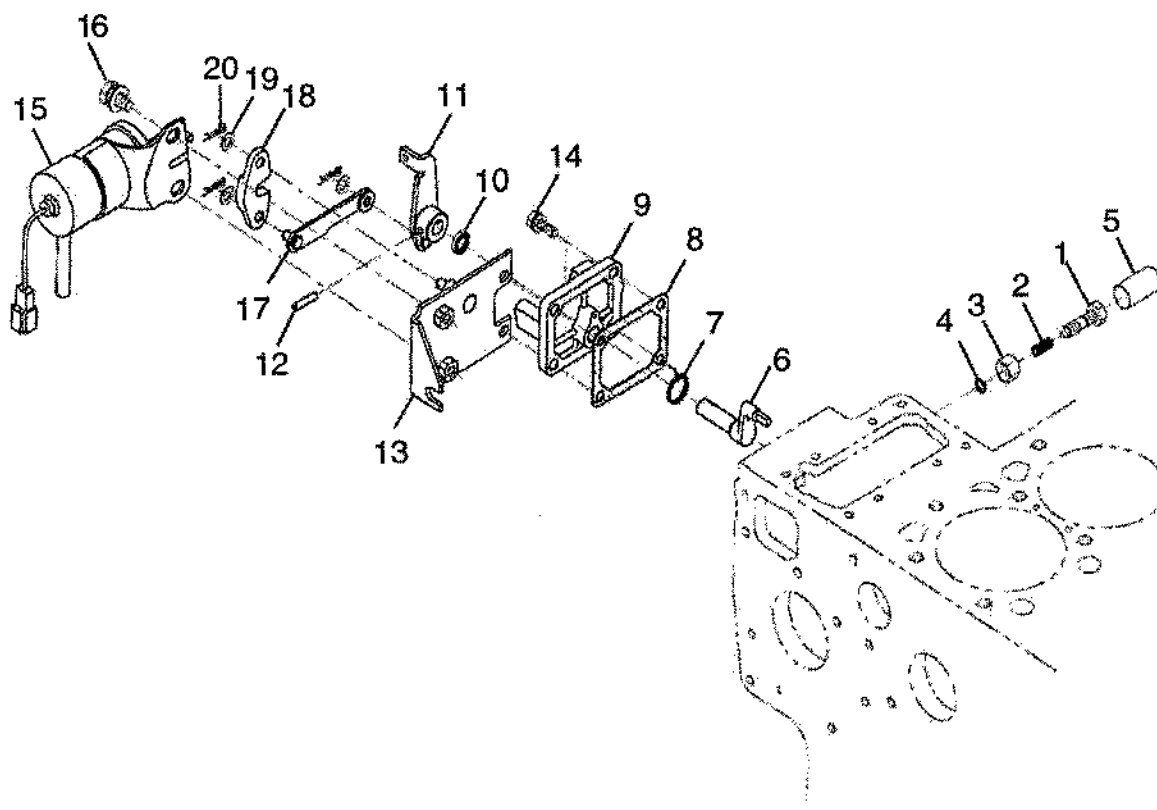
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DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ENGINE****SPEED CONTROL LEVER**

| ITEM No | PART No. | DESCRIPTION           | QTY.    |         |
|---------|----------|-----------------------|---------|---------|
|         |          |                       | 270 DTC | 320 DTC |
| 1       | LG4596   | Adjusting Bolt        | 1       | 1       |
| 2       | LG5485   | Nut                   | 1       | 1       |
| 3       | LG5486   | Gasket                | 2       | 2       |
| 4       | LG5487   | Cap Nut               | 1       | 1       |
| 5       | LG5488   | Cap                   | 1       | 1       |
| 6       | LG5013   | Speed Control Lever   | 1       | 1       |
| 7       | LG4602   | Key                   | 1       | 1       |
| 8       | LG4603   | O-Ring, Control Plate | 1       | 1       |
| 9       | LG4604   | Washer, Plain         | 1       | 1       |
| 10      | LG4605   | Nut                   | 2       | 2       |
| 11      | LG4606   | Friction Plate        | 1       | 1       |
| 12      | LG5489   | Speed Control Plate   | 1       | 1       |
| 13      | LG5490   | Gasket                | 1       | 1       |
| 14      | LG4609   | Bolt w/Washer         | 2       | 2       |
| 15      | LG4610   | Stud                  | 2       | 2       |
| 16      | LG4614   | Nut                   | 2       | 2       |
| 17      | LG4572   | Washer, Spring        | 2       | 2       |
| 18      | LG4617   | Clamp, Pipe           | 1       | 1       |
| 19      | LG4613   | Stopper               | 2       | 2       |
| 20      | LG4614   | Nut                   | 2       | 2       |
| 21      | LG4615   | Wire                  | 1       | 1       |
| 22      | LG4616   | Lead, Sealing         | 1       | 1       |
| 23      | LG5491   | Accelerator Bracket   | 1       | 1       |
| 24      | LG5492   | Accelerator Lever     | 1       | 1       |
| 25      | LG5016   | Washer, Plain         | 1       | 1       |
| 26      | LG5017   | Snap Ring             | 1       | 1       |
| 27      | LG5018   | Spring Bracket        | 1       | 1       |
| 28      | LG5019   | Spring                |         |         |

## ENGINE STOP LEVER



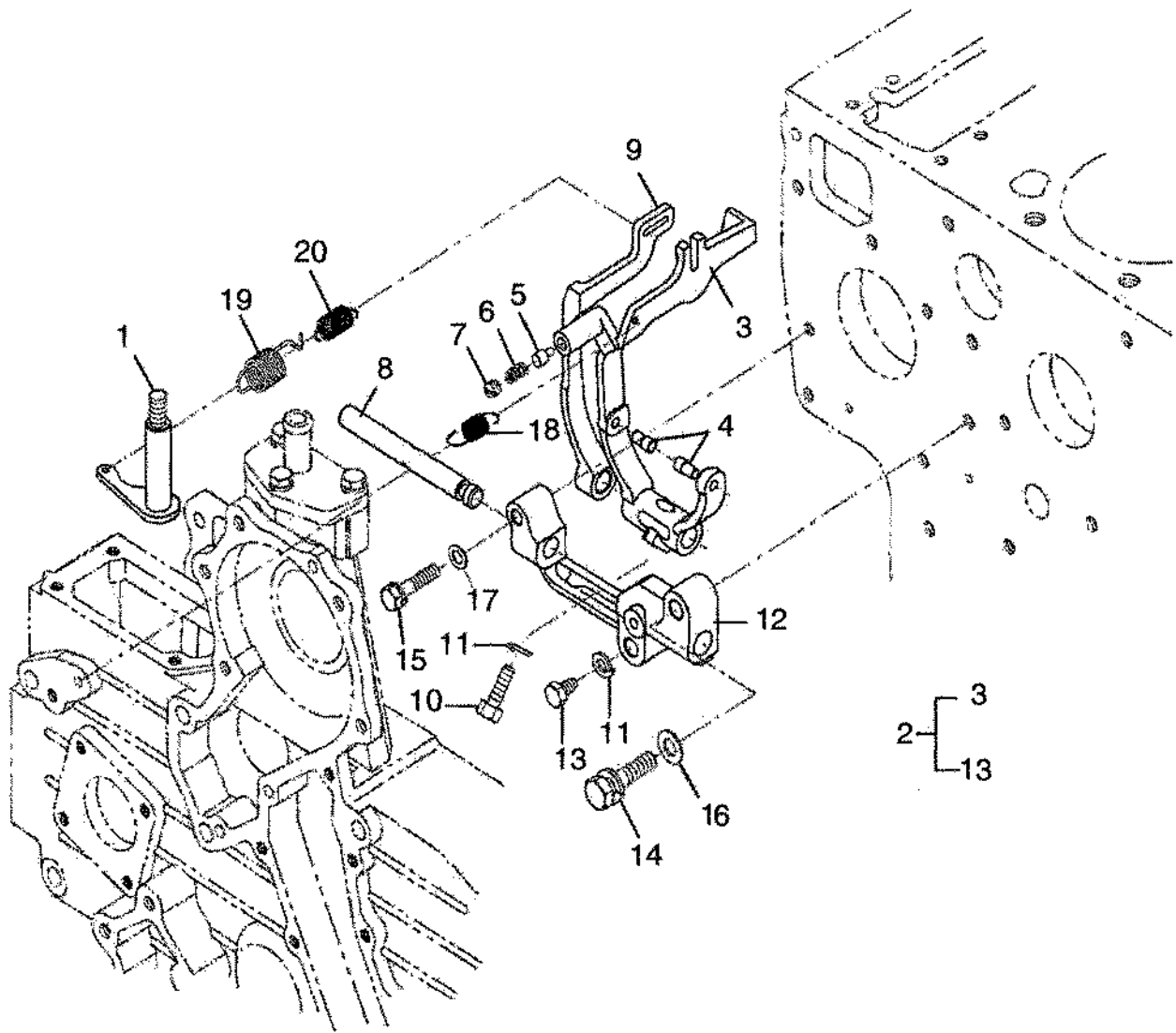
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DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ENGINE****ENGINE STOP LEVER**

| ITEM NO | PART NO. | DESCRIPTION               | QTY.    |         |
|---------|----------|---------------------------|---------|---------|
|         |          |                           | 270 DTC | 320 DTC |
| 1       | LG4620   | Adjusting Bolt            | 1       | 1       |
| 2       | LG4621   | Spring                    | 1       | 1       |
| 3       | LG4622   | Nut                       | 1       | 1       |
| 4       | LG4623   | O-Ring                    | 1       | 1       |
| 5       | LG4624   | Cap                       | 1       | 1       |
| 6       | LG4969   | Shaft, Lever              | 1       | 1       |
| 7       | LG4970   | Spring                    | 1       | 1       |
| 8       | LG4632   | Gasket, Pump Cover        | 1       | 1       |
| 9       | LG4971   | Fuel Injection Pump Cover | 1       | 1       |
| 10      | LG4628   | Seal, Oil                 | 1       | 1       |
| 11      | LG4630   | Engine Stop Lever         | 1       | 1       |
| 12      | LG4631   | Spring Pin                | 1       | 1       |
| 13      | LG4972   | Solenoid Support          | 1       | 1       |
| 14      | LG4609   | Bot w/Washer              | 4       | 4       |
| 15      | LG5493   | Stop Solenoid Assembly    | 1       | 1       |
| 16      | LG4973   | Bolt w/Washer             | 2       | 2       |
| 17      | LG4974   | Stop Lever 1              | 1       | 1       |
| 18      | LG4975   | Stop Lever 2              | 1       | 1       |
| 19      | LG4592   | Washer, Plain             | 3       | 3       |
| 20      | LG4976   | Snap Pin                  | 3       | 3       |

**GOVERNOR**

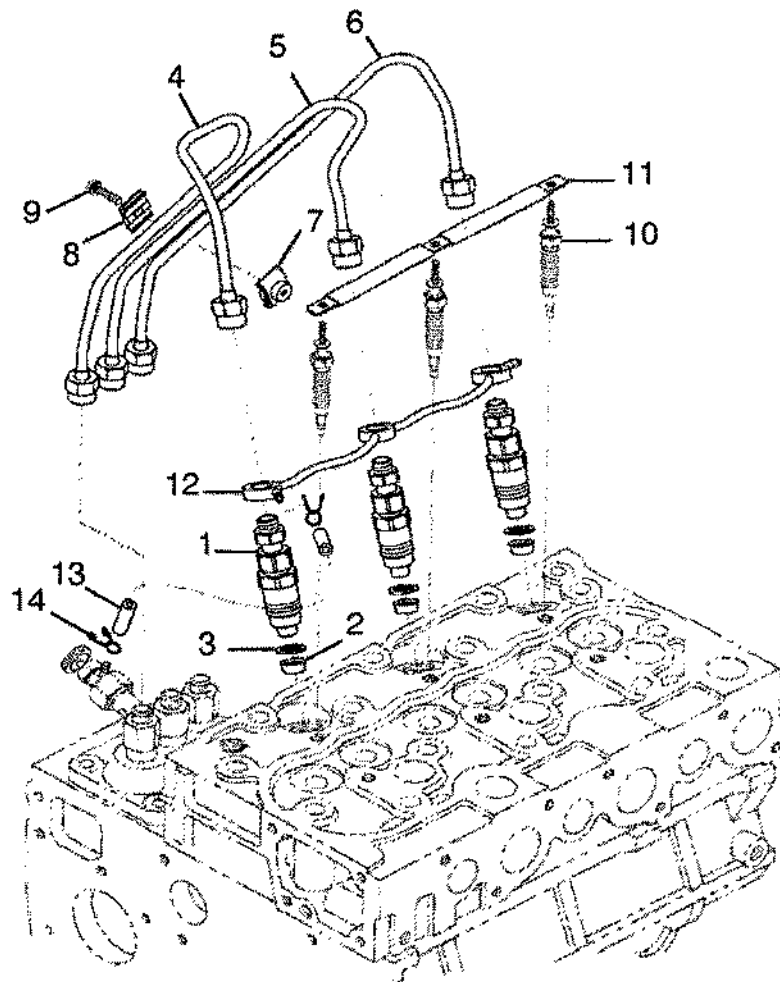


**GOVERNOR**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>       | <b>QTY.</b>    |                |
|----------------|-----------------|--------------------------|----------------|----------------|
|                |                 |                          | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG4575          | Lever Assembly, Governor | 1              | 1              |
| 2              | LG4576          | Lever Assembly, Fork     | 1              | 1              |
| 3              | LG4578          | Lever, Fork 1            | 1              | 1              |
| 4              | LG4579          | Pin, Fork Lever          | 2              | 2              |
| 5              | LG4580          | Pin, Fuel Restriction    | 1              | 1              |
| 6              | LG4581          | Spring                   | 1              | 1              |
| 7              | LG4582          | Set Screw                | 1              | 1              |
| 8              | LG4583          | Shaft, Fork Lever        | 1              | 1              |
| 9              | LG4584          | Lever, Fork 2            | 1              | 1              |
| 10             | LG4585          | Bolt                     | 1              | 1              |
| 11             | LG4572          | Washer, Spring           | 2              | 2              |
| 12             | LG4587          | Holder, Fork Lever       | 1              | 1              |
| 13             | LG4588          | Bolt                     | 1              | 1              |
| 14             | LG4589          | Bolt w/Washer            | 2              | 2              |
| 15             | LG4590          | Bolt w/Washer            | 1              | 1              |
| 16             | LG4591          | Washer, Plain            | 2              | 2              |
| 17             | LG4592          | Washer, Plain            | 1              | 1              |
| 18             | LG4593          | Spring, Start            | 1              | 1              |
| 19             | LG4594          | Spring, Governor 1       | 1              | 1              |
| 20             | LG4595          | Spring, Governor 2       | 1              | 1              |

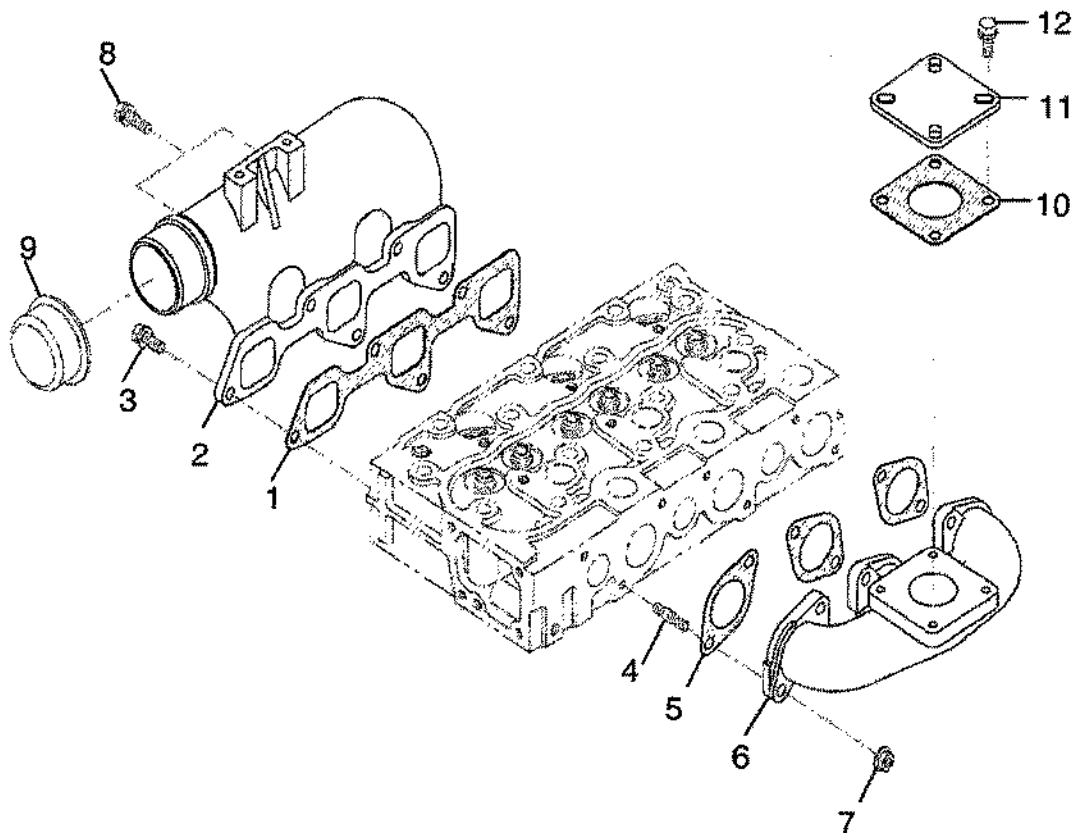
## NOZZLE HOLDER

| ITEM NO | PART NO. | DESCRIPTION             | QTY.    |         |
|---------|----------|-------------------------|---------|---------|
|         |          |                         | 270 DTC | 320 DTC |
| 1       | LG5484   | Nozzle Holder Assembly  | 3       | 3       |
| 2       | LG4488   | Seal, Nozzles           | 3       | 3       |
| 3       | LG4825   | Gasket, Nozzle          | 3       | 3       |
| 4       | LG4826   | Injection Pipe 1        | 1       | 1       |
| 5       | LG4827   | Injection Pipe 2        | 1       | 1       |
| 6       | LG4828   | Injection Pipe 3        | 1       | 1       |
| 7       | LG4829   | Pipe Clamp 1            | 2       | 2       |
| 8       | LG4830   | Pipe Clamp              | 2       | 2       |
| 9       | LG4831   | Screw w/Washer          | 2       | 2       |
| 10      | LG4493   | Glow Plug               | 3       | 3       |
| 11      | LG4832   | Glow Plug Cord          | 1       | 1       |
| 12      | LG4476   | Assembly, Overflow Pipe | 1       | 1       |
| 13      | LG4833   | Fuel Tube               | 1       | 1       |
| 14      | LG4834   | Pipe Clamp              | 2       | 2       |



**MANIFOLD**

| ITEM NO | PART NO. | DESCRIPTION             | QTY.    |         |
|---------|----------|-------------------------|---------|---------|
|         |          |                         | 270 DTC | 320 DTC |
| 1       | LG4475   | Intake Manifold Gasket  | 1       | 1       |
| 2       | LG4865   | Intake Manifold         | 1       | 1       |
| 3       | LG4562   | Bolt w/Washer           | 5       | 5       |
| 4       | LG4563   | Stud                    | 6       | 6       |
| 5       | LG4489   | Exhaust Manifold Gasket | 3       | 3       |
| 6       | LG5506   | Exhaust Manifold        | 1       | 1       |
| 7       | LG4868   | Nut, Flange             | 6       | 6       |
| 8       | LG5470   | Bolt w/Washer           | 2       | 2       |
| 9       | LG5030   | Intake Manifold Cover   | 1       | 1       |
| 10      | LG5507   | Muffler Gasket          | 1       | 1       |
| 11      | LG5031   | Exhaust Manifold Cover  | 1       | 1       |
| 12      | LG5032   | Bolt w/Washer           | 4       | 4       |



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## NOTES

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**270 DTC / 320 DTC**

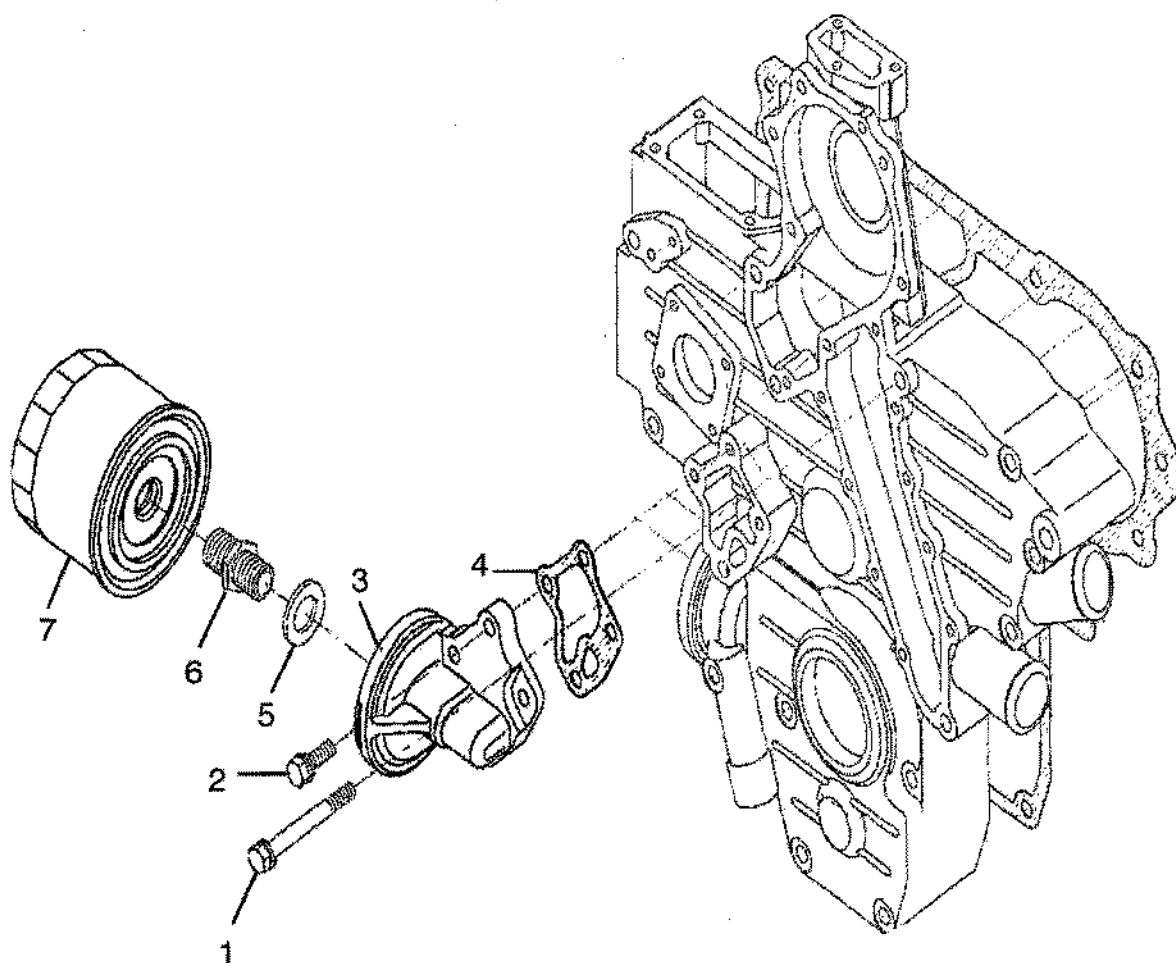
**SECTION 4**

# ***OIL SYSTEM***



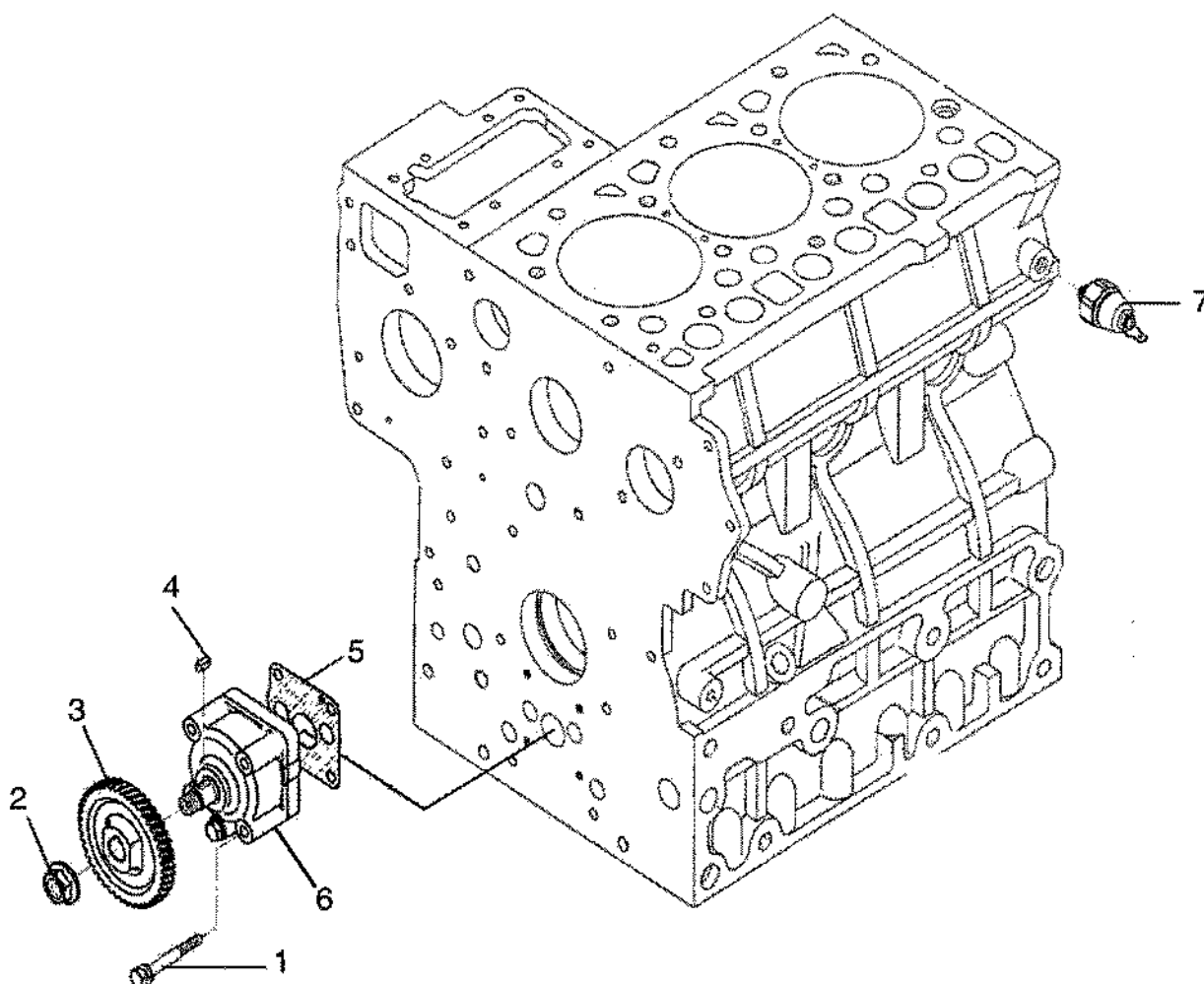
## OIL FILTER

| ITEM No | PART No. | DESCRIPTION        | QTY.    |         |
|---------|----------|--------------------|---------|---------|
|         |          |                    | 270 DTC | 320 DTC |
| 1       | LG5475   | Bolt w/Washer      | 1       | 1       |
| 2       | LG5470   | Bolt w/Washer      | 3       | 3       |
| 3       | LG5468   | Oil Filter Support | 1       | 1       |
| 4       | LG5469   | Gasket             | 1       | 1       |
| 5       | LG4722   | Washer, Plain      | 1       | 1       |
| 6       | LG4983   | Pipe, Joint        | 1       | 1       |
| 7       | LG4481   | Oil Filter         | 1       | 1       |



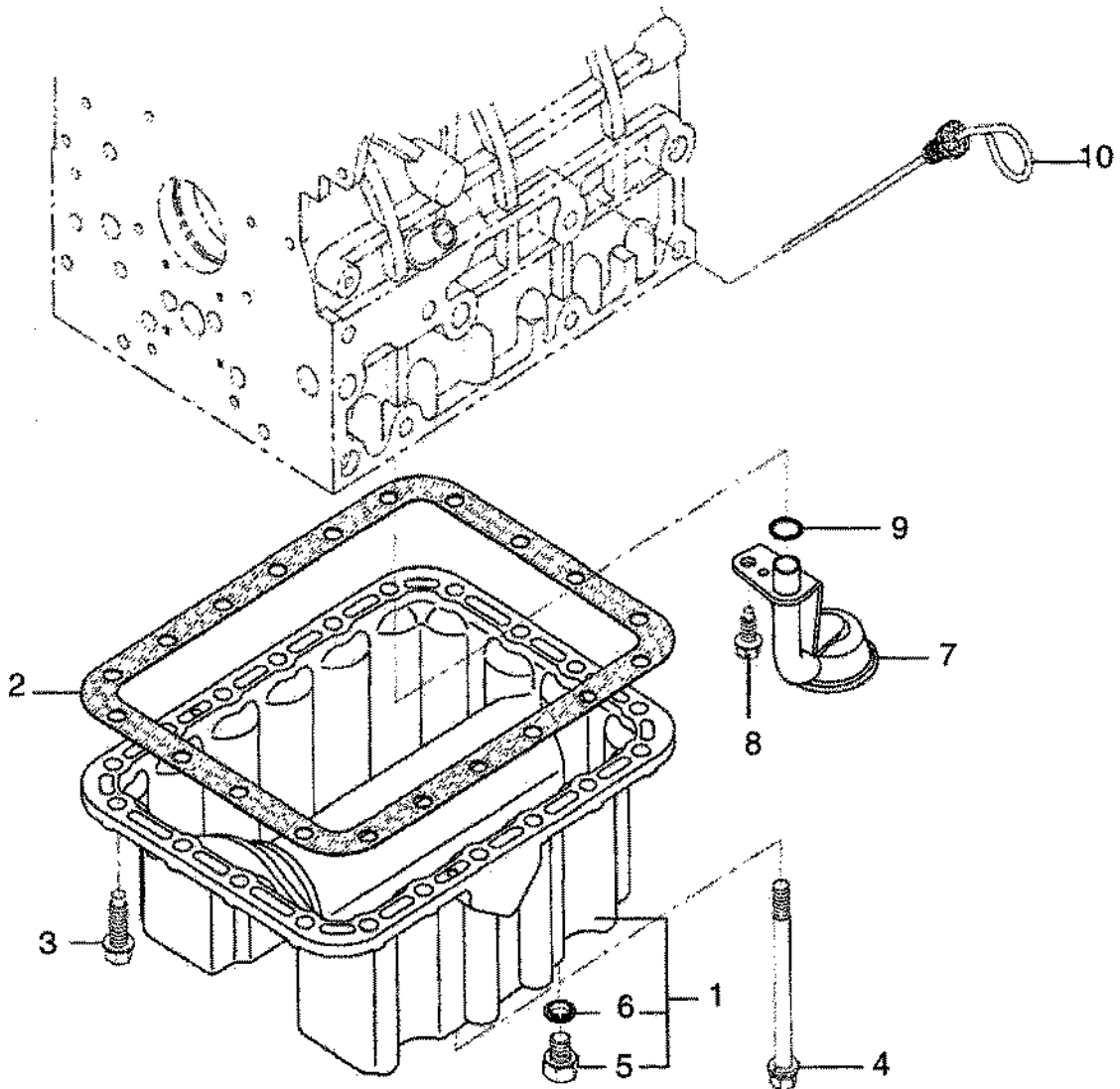
**OIL PUMP**

| ITEM No | PART No. | DESCRIPTION         | QTY.    |         |
|---------|----------|---------------------|---------|---------|
|         |          |                     | 270 DTC | 320 DTC |
| 1       | LG4682   | Bolt w/Washer       | 4       | 4       |
| 2       | LG4685   | Flange Nut          | 1       | 1       |
| 3       | LG4683   | Oil Pump Drive Gear | 1       | 1       |
| 4       | LG4684   | Key                 | 1       | 1       |
| 5       | LG4471   | Oil Pump Gasket     | 1       | 1       |
| 6       | LG4480   | Oil Pump Assembly   | 1       | 1       |
| 7       | LG4472   | Oil Switch          | 1       | 1       |



## OIL PAN

| ITEM No | PART No. | DESCRIPTION       | QTY.    |         |
|---------|----------|-------------------|---------|---------|
|         |          |                   | 270 DTC | 320 DTC |
| 1       | LG5503   | Oil Pan Assembly  | 1       | 1       |
| 2       | LG4468   | Oil Pan Gasket    | 1       | 1       |
| 3       | LG4688   | Flange Bolt w/Pin | 18      | 18      |
| 4       | LG5504   | Bolt w/Washer     | 2       | 2       |
| 5       | LG4689   | Plug              | 2       | 2       |
| 6       | LG4690   | Seal Washer       | 2       | 2       |
| 7       | LG4691   | Oil Filter 1      | 1       | 1       |
| 8       | LG4692   | Flange Bolt w/Pin | 1       | 1       |
| 9       | LG4693   | O-Ring            | 1       | 1       |
| 10      | LG5505   | Oil Gauge         | 1       | 1       |



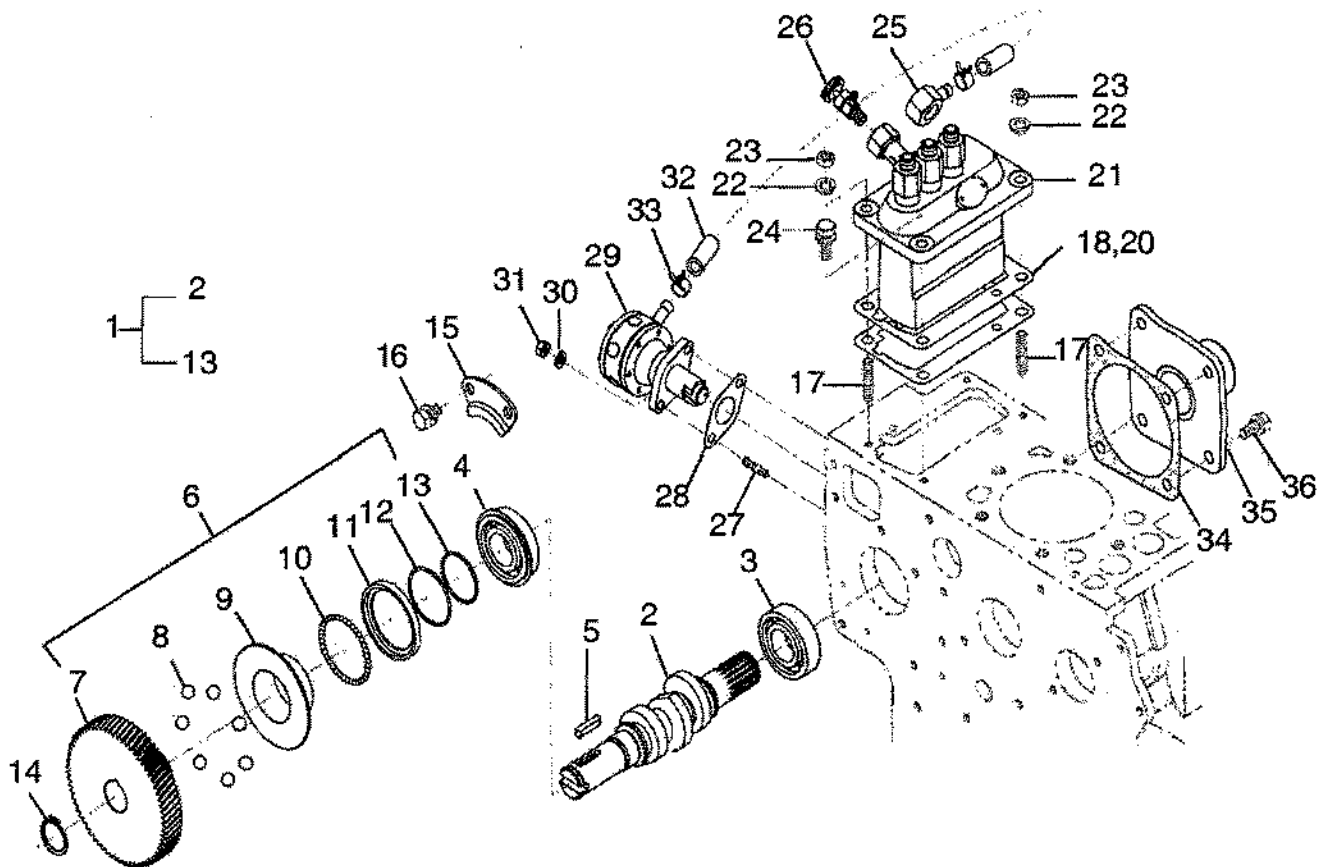
**270 DTC / 320 DTC**

**SECTION 5**

# ***FUEL SYSTEM***



## FUEL CAMSHAFT



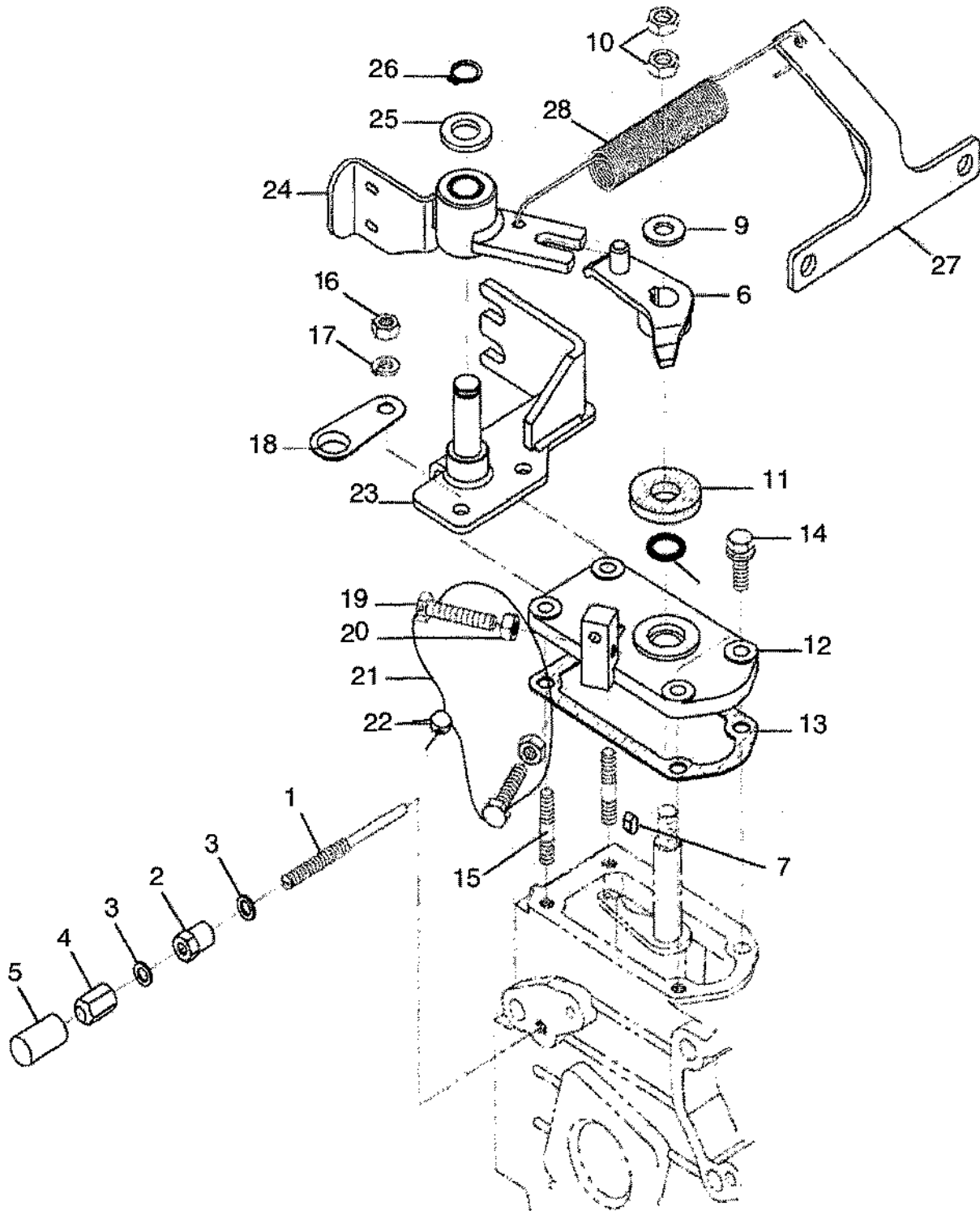
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FUEL SYSTEM****FUEL CAMSHAFT**

| ITEM No | PART No. | DESCRIPTION                               | QTY.    |         |
|---------|----------|-------------------------------------------|---------|---------|
|         |          |                                           | 270 DTC | 320 DTC |
| 1       | LG5003   | Fuel Camshaft Assembly                    | 1       | 1       |
| 2       | LG5004   | Fuel Camshaft                             | 1       | 1       |
| 3       | LG4556   | Ball Bearing                              | 1       | 1       |
| 4       | LG4546   | Ball Bearing                              | 1       | 1       |
| 5       | LG4548   | Key                                       | 1       | 1       |
| 6       | LG5005   | Governor Sleeve Assembly                  | 1       | 1       |
| 7       | LG4547   | Gear, Injection Pump                      | 1       | 1       |
| 8       | LG4555   | Steel Ball                                | 7       | 7       |
| 9       | LG5006   | Governor Sleeve                           | 1       | 1       |
| 10      | LG4553   | Steel Ball                                | 39      | 39      |
| 11      | LG4552   | Governor Ball Case                        | 1       | 1       |
| 12      | LG4554   | CirClip, Ball Case                        | 1       | 1       |
| 13      | LG4551   | CirClip, Sleeve                           | 1       | 1       |
| 14      | LG4549   | Circlip                                   | 1       | 1       |
| 15      | LG5007   | Fuel Camshaft Stopper                     | 1       | 1       |
| 16      | LG4558   | Bolt w/Washer                             | 2       | 2       |
| 17      | LG4563   | Stud                                      | 2       | 2       |
| 18      | LG4561   | Injection Pump Shim, Injection Pump (.3)  | AR      | AR      |
| 19      | LG4560   | Injection Pump Shim, Injection Pump (.15) | AR      | AR      |
| 20      | LG5008   | Injection Pump Shim 3 (.1)                | AR      | AR      |
| 21      | LG4559   | Injection Pump Assembly                   | 1       | 1       |
| 22      | LG4565   | Washer, Spring                            | 2       | 2       |
| 23      | LG4564   | Nut                                       | 2       | 2       |
| 24      | LG4562   | Bolt w/Washer                             | 2       | 2       |
| 25      | LG5009   | Fuel Pipe Joint                           | 1       | 1       |
| 26      | LG4566   | Jet Start Cock Assembly                   | 1       | 1       |
| 27      | LG4570   | Stud                                      | 2       | 2       |
| 28      | LG4497   | Fuel Pump Gasket                          | 1       | 1       |
| 29      | LG4498   | Fuel Pump Assembly                        | 1       | 1       |
| 30      | LG4572   | Washer, Spring                            | 2       | 2       |
| 31      | LG4614   | Nut                                       | 2       | 2       |
| 32      | LG4573   | Hose, Fuel                                | 1       | 1       |
| 33      | LG5010   | Clip                                      | 2       | 2       |
| 34      | LG5011   | Fuel Camshaft Cover Gasket                | 1       | 1       |
| 35      | LG5012   | Fuel Camshaft Cover                       | 1       | 1       |
| 36      | LG4780   | Bolt w/Washer                             | 4       | 4       |

**SPEED CONTROL LEVER**



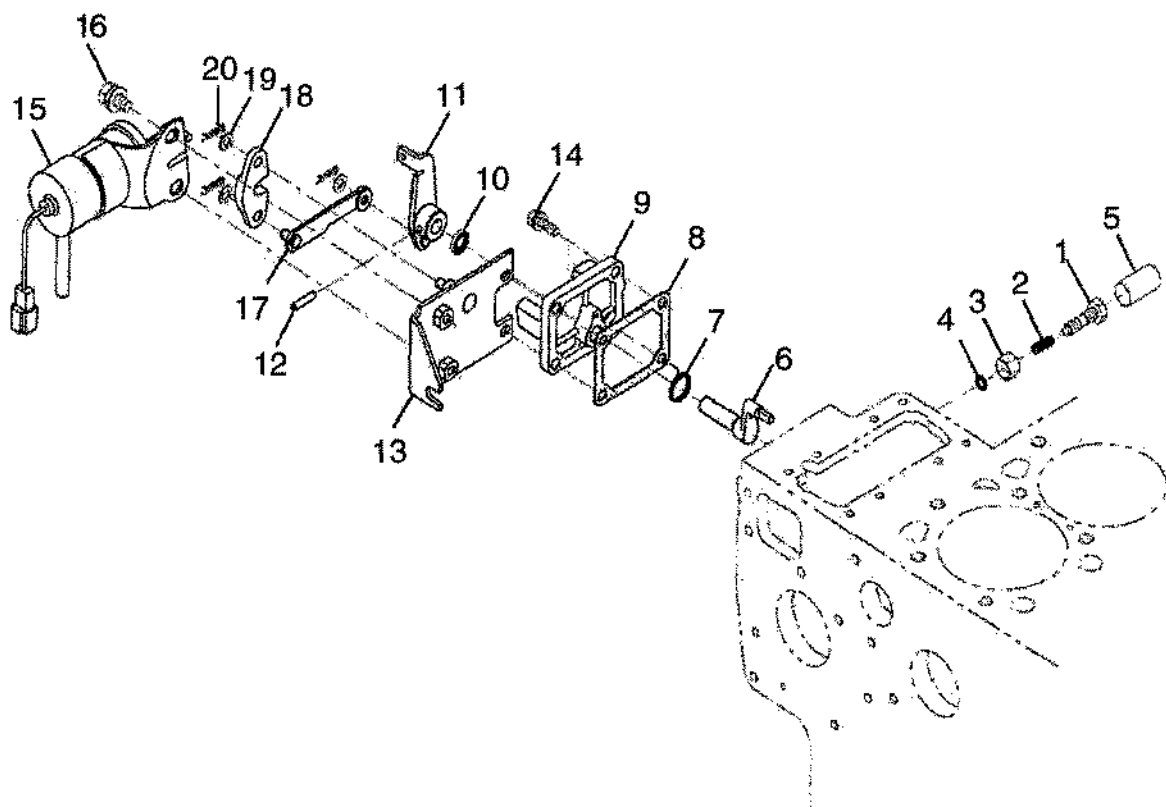
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FUEL SYSTEM****SPEED CONTROL LEVER**

| ITEM No | PART No. | DESCRIPTION           | QTY.    |         |
|---------|----------|-----------------------|---------|---------|
|         |          |                       | 270 DTC | 320 DTC |
| 1       | LG4596   | Adjusting Bolt        | 1       | 1       |
| 2       | LG5485   | Nut                   | 1       | 1       |
| 3       | LG5486   | Gasket                | 2       | 2       |
| 4       | LG5487   | Cap Nut               | 1       | 1       |
| 5       | LG5488   | Cap                   | 1       | 1       |
| 6       | LG5013   | Speed Control Lever   | 1       | 1       |
| 7       | LG4602   | Key                   | 1       | 1       |
| 8       | LG4603   | O-Ring, Control Plate | 1       | 1       |
| 9       | LG4604   | Washer, Plain         | 1       | 1       |
| 10      | LG4605   | Nut                   | 2       | 2       |
| 11      | LG4606   | Friction Plate        | 1       | 1       |
| 12      | LG5489   | Speed Control Plate   | 1       | 1       |
| 13      | LG5490   | Gasket                | 1       | 1       |
| 14      | LG4609   | Bolt w/Washer         | 2       | 2       |
| 15      | LG4610   | Stud                  | 2       | 2       |
| 16      | LG4614   | Nut                   | 2       | 2       |
| 17      | LG4572   | Washer, Spring        | 2       | 2       |
| 18      | LG4617   | Clamp, Pipe           | 1       | 1       |
| 19      | LG4613   | Stopper               | 2       | 2       |
| 20      | LG4614   | Nut                   | 2       | 2       |
| 21      | LG4615   | Wire                  | 1       | 1       |
| 22      | LG4616   | Lead, Sealing         | 1       | 1       |
| 23      | LG5491   | Accelerator Bracket   | 1       | 1       |
| 24      | LG5492   | Accelerator Lever     | 1       | 1       |
| 25      | LG5016   | Washer, Plain         | 1       | 1       |
| 26      | LG5017   | Snap Ring             | 1       | 1       |
| 27      | LG5018   | Spring Bracket        | 1       | 1       |
| 28      | LG5019   | Spring                |         |         |

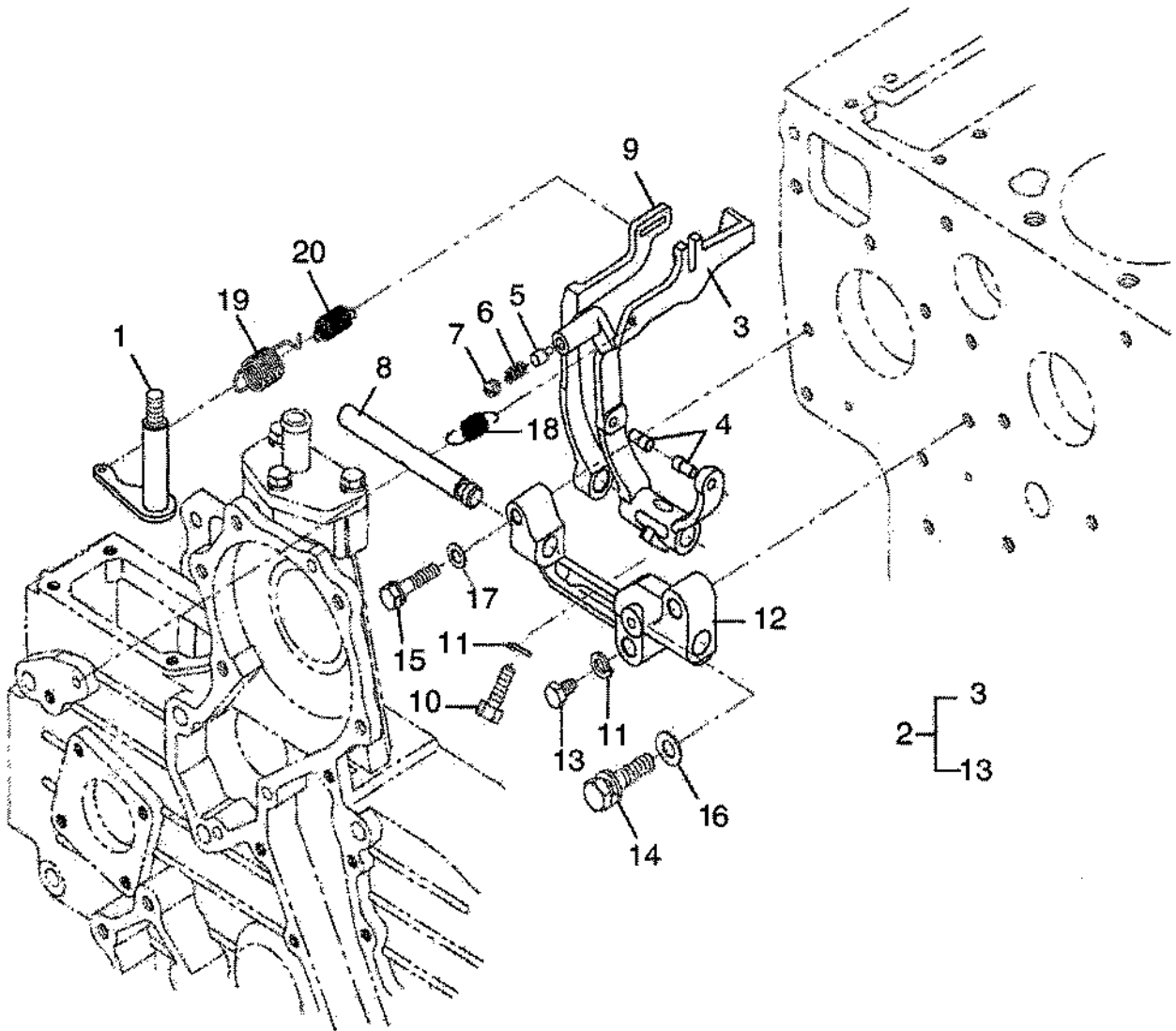
**ENGINE STOP LEVER**



**ENGINE STOP LEVER**

| ITEM No | PART No. | DESCRIPTION               | QTY.    |         |
|---------|----------|---------------------------|---------|---------|
|         |          |                           | 270 DTC | 320 DTC |
| 1       | LG4620   | Adjusting Bolt            | 1       | 1       |
| 2       | LG4621   | Spring                    | 1       | 1       |
| 3       | LG4622   | Nut                       | 1       | 1       |
| 4       | LG4623   | O-Ring                    | 1       | 1       |
| 5       | LG4624   | Cap                       | 1       | 1       |
| 6       | LG4969   | Shaft, Lever              | 1       | 1       |
| 7       | LG4970   | Spring                    | 1       | 1       |
| 8       | LG4632   | Gasket, Pump Cover        | 1       | 1       |
| 9       | LG4971   | Fuel Injection Pump Cover | 1       | 1       |
| 10      | LG4628   | Seal, Oil                 | 1       | 1       |
| 11      | LG4630   | Engine Stop Lever         | 1       | 1       |
| 12      | LG4631   | Spring Pin                | 1       | 1       |
| 13      | LG4972   | Solenoid Support          | 1       | 1       |
| 14      | LG4609   | Bot w/Washer              | 4       | 4       |
| 15      | LG5493   | Stop Solenoid Assembly    | 1       | 1       |
| 16      | LG4973   | Bolt w/Washer             | 2       | 2       |
| 17      | LG4974   | Stop Lever 1              | 1       | 1       |
| 18      | LG4975   | Stop Lever 2              | 1       | 1       |
| 19      | LG4592   | Washer, Plain             | 3       | 3       |
| 20      | LG4976   | Snap Pin                  | 3       | 3       |

## GOVERNOR



**FARMTRAC**

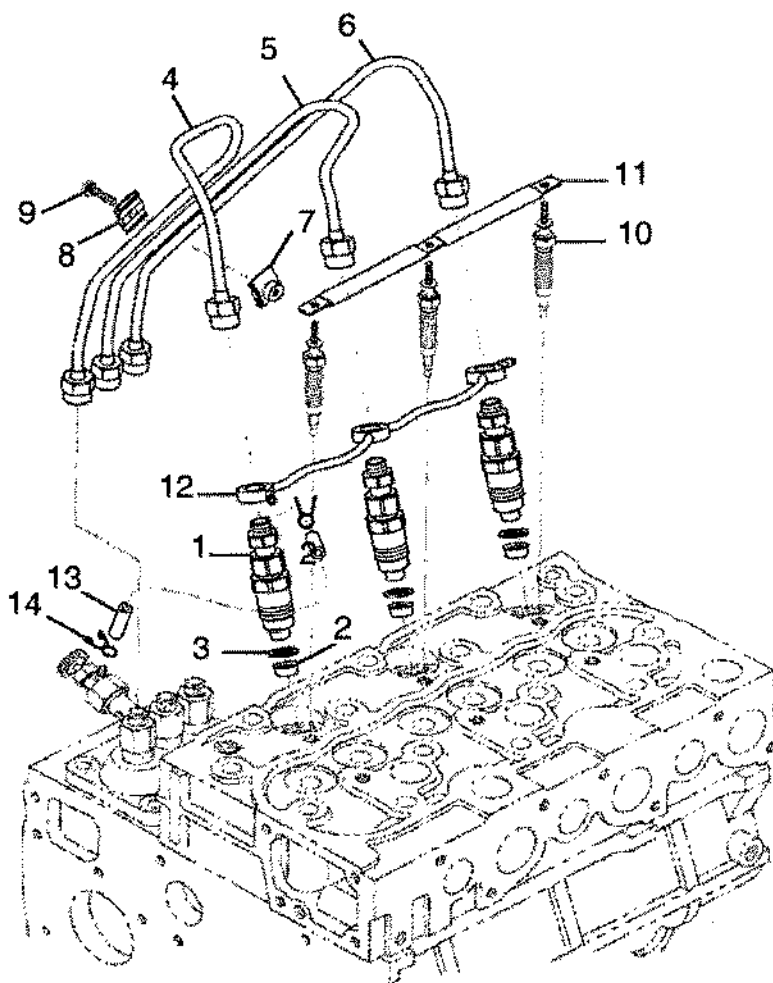
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FUEL SYSTEM****GOVERNOR**

| ITEM No | PART No. | DESCRIPTION              | QTY.    |         |
|---------|----------|--------------------------|---------|---------|
|         |          |                          | 270 DTC | 320 DTC |
| 1       | LG4575   | Lever Assembly, Governor | 1       | 1       |
| 2       | LG4576   | Lever Assembly, Fork     | 1       | 1       |
| 3       | LG4578   | Lever, Fork 1            | 1       | 1       |
| 4       | LG4579   | Pin, Fork Lever          | 2       | 2       |
| 5       | LG4580   | Pin, Fuel Restruction    | 1       | 1       |
| 6       | LG4581   | Spring                   | 1       | 1       |
| 7       | LG4582   | Set Screw                | 1       | 1       |
| 8       | LG4583   | Shaft, Fork Lever        | 1       | 1       |
| 9       | LG4584   | Lever, Fork 2            | 1       | 1       |
| 10      | LG4585   | Lever Shaft Bolt         | 1       | 1       |
| 11      | LG4572   | Washer, Spring           | 2       | 2       |
| 12      | LG4587   | Holder, Fork Lever       | 1       | 1       |
| 13      | LG4588   | Bolt                     | 1       | 1       |
| 14      | LG4589   | Bolt w/Washer            | 2       | 2       |
| 15      | LG4590   | Bolt w/Washer            | 1       | 1       |
| 16      | LG4591   | Washer, Plain            | 2       | 2       |
| 17      | LG4592   | Washer, Plain            | 1       | 1       |
| 18      | LG4593   | Spring, Start            | 1       | 1       |
| 19      | LG4594   | Spring, Governor 1       | 1       | 1       |
| 20      | LG4595   | Spring, Governor 2       | 1       | 1       |

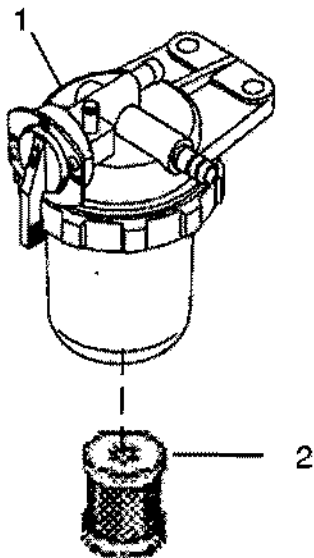
## NOZZLE HOLDER

| ITEM NO | PART NO. | DESCRIPTION            | QTY.    |         |
|---------|----------|------------------------|---------|---------|
|         |          |                        | 270 DTC | 320 DTC |
| 1       | LG5484   | Nozzle Holder Assembly | 3       | 3       |
| 2       | LG4488   | Heat Seal              | 3       | 3       |
| 3       | LG4825   | Gasket                 | 3       | 3       |
| 4       | LG4826   | Injection Pipe 1       | 1       | 1       |
| 5       | LG4827   | Injection Pipe 2       | 1       | 1       |
| 6       | LG4828   | Injection Pipe 3       | 1       | 1       |
| 7       | LG4829   | Pipe Clamp 1           | 2       | 2       |
| 8       | LG4830   | Pipe Clamp             | 2       | 2       |
| 9       | LG4831   | Screw w/Washer         | 2       | 2       |
| 10      | LG4493   | Glow Plug              | 3       | 3       |
| 11      | LG4832   | Glow Plug Cord         | 1       | 1       |
| 12      | LG4476   | Overflow Pipe          | 1       | 1       |
| 13      | LG4833   | Fuel Tube              | 1       | 1       |
| 14      | LG4834   | Pipe Clamp             | 2       | 2       |

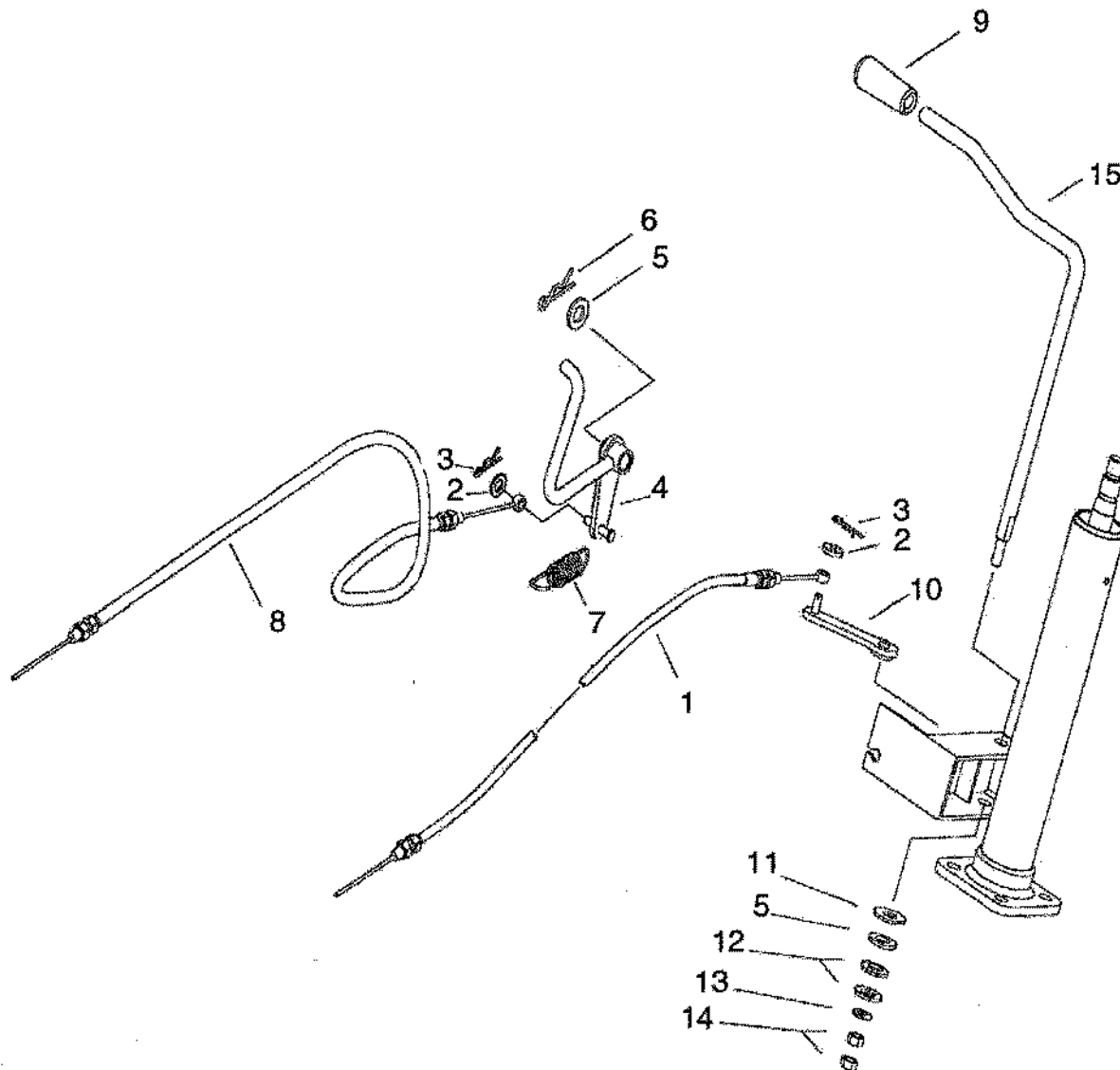


**FUEL FILTER**

| ITEM No | PART No. | DESCRIPTION           | QTY.    |         |
|---------|----------|-----------------------|---------|---------|
|         |          |                       | 270 DTC | 320 DTC |
| 1       | LG4495   | Fuel Filter Assembly  | 1       | 1       |
| 2       | LG5585   | Element (Fuel Filter) | 1       | 1       |



**HAND & FOOT THROTTLE**



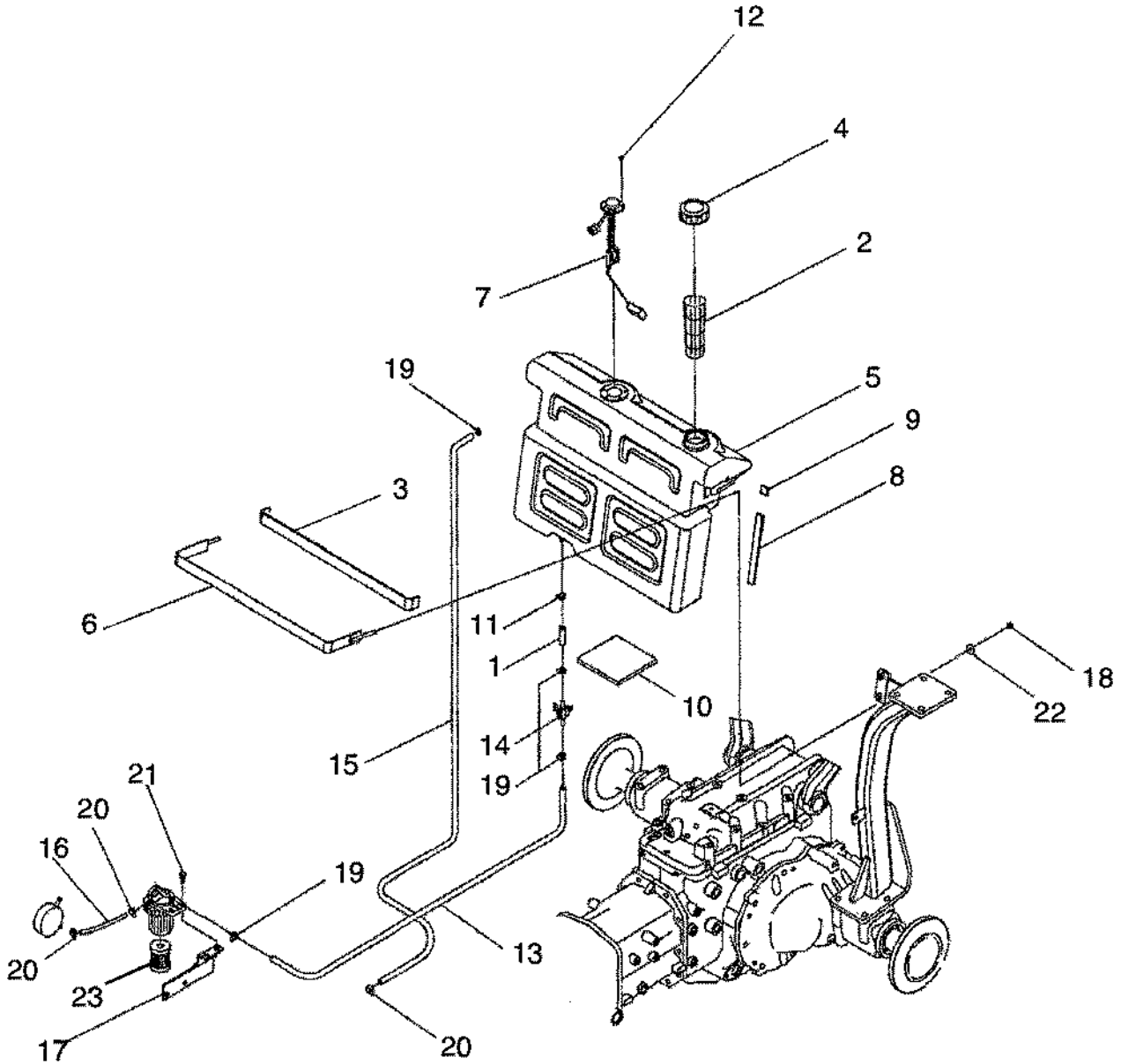
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FUEL SYSTEM****HAND & FOOT THROTTLE**

| ITEM No | PART No.  | DESCRIPTION              | QTY.    |         |
|---------|-----------|--------------------------|---------|---------|
|         |           |                          | 270 DTC | 320 DTC |
| 1       | LG2072    | Wire, Accelerator Lever  | 1       | 1       |
| 2       | LG1891    | Washer, Plastic (6x17x3) | 2       | 2       |
| 3       | 500300    | Pin,, Cotter (2.5x16)    | 2       | 2       |
| 4       | LG5103    | Pedal, Accelerator       | 1       | 1       |
| 5       | N630070S8 | Washer, Flat (M12)       | 2       | 2       |
| 6       | LG1872    | Pin, Snap                | 1       | 1       |
| 7       | LG1495    | Spring, Return           | 1       | 1       |
| 8       | LG5104    | Wire, Accelerator Pedal  | 1       | 1       |
| 9       | LG2042    | Grip                     | 1       | 1       |
| 10      | LG2071    | Arm E/G Control          | 1       | 1       |
| 11      | LG2075    | Plate, Friction          | 1       | 1       |
| 12      | LG1894    | Spring, Plate            | 2       | 2       |
| 13      | N630068S8 | Nut, Hex (M8)            | 1       | 1       |
| 14      | N620013S8 | Nut, Hex (M8x1.25)       | 2       | 2       |
| 15      | LG2070    | Lever, E/G Accelerator   | 1       | 1       |

**FUEL TANK & LINES**



**FUEL TANK & LINES**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1-12           | LG5431          | Fuel Tank Assembly              | 1              | 1              |
| 1              | LG5095          | Hose, Fuel                      | 1              | 1              |
| 2              | LG1506          | Strainer, Fuel Tank             | 1              | 1              |
| 3              | LG3629          | Sponge                          | 1              | 1              |
| 4              | LG3612          | Cap, Fuel Tank                  | 1              | 1              |
| 5              | LG5097          | Tank, Fuel                      | 1              | 1              |
| 6              | LG5098          | Band, Fuel Tank                 | 1              | 1              |
| 7              | LG5099          | Fuel Tank Gauge                 | 1              | 1              |
| 8              | LG5100          | Sponge, Fuel Tank               | 2              | 2              |
| 9              | LG5101          | Sponge, Fuel Tank               | 2              | 2              |
| 10             | LG5102          | Sponge, Fuel Tank               | 1              | 1              |
| 11             | LG4205          | Clamp, Hose                     | 1              | 1              |
| 12             | LG3634          | Screw (M5x12)                   | 5              | 5              |
| 13             | LG3293          | Hose, Fuel                      | 1              | 1              |
| 14             | LG3294          | Hose, Fuel                      | 1              | 1              |
| 15             | LG3511          | Valve, Cock                     | 1              | 1              |
| 16             | LG5086          | Hose, Fuel                      | 1              | 1              |
| 17             | LG5563          | Bracket, Fuel Filter            | 1              | 1              |
| 18             | LG3623          | Nut, Lock (M8x1.25)             | 1              | 1              |
| 19             | LG4205          | Clamp, Hose                     | 4              | 4              |
| 20             | LG5564          | Clamp, Hose                     | 3              | 3              |
| 21             | LG1962          | Bolt, Hex w/Washer (M8x1.25x25) | 2              | 2              |
| 22             | LG3636          | Washer, Plain                   | 2              | 2              |
| 23             | LG5565          | Element (Fuel Filter)           | 1              | 1              |

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## NOTES

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**270 DTC / 320 DTC**

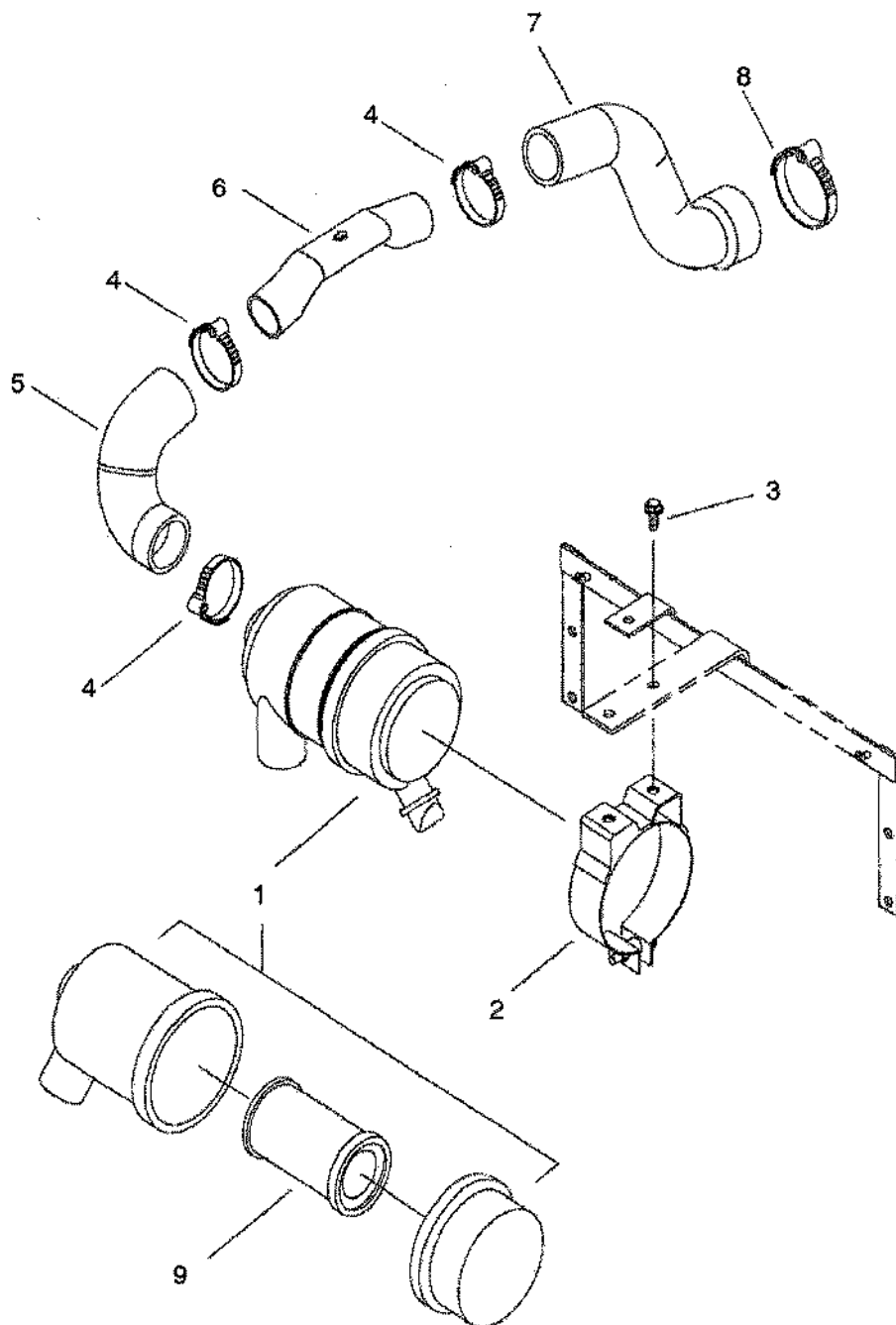
**SECTION 6**

# ***AIR CLEANER***

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**AIR CLEANER**



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****AIR CLEANER****AIR CLEANER**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG5110          | Air Cleaner Assembly            | 1              | 1              |
| 2              | LG5111          | Band, Air Cleaner               | 1              | 1              |
| 3              | LG1897          | Bolt, Hex w/Washer (M8x1.25x20) | 2              | 2              |
| 4              | LG3307          | Band, Wire                      | 3              | 3              |
| 5              | LG5112          | Hose, A Air Intake              | 1              | 1              |
| 6              | LG5113          | Pipe, Intermediate              | 1              | 1              |
| 7              | LG5114          | Hose, Air Intake                | 1              | 1              |
| 8              | LG3301          | Band, Wire                      | 1              | 1              |
| 9              | LG5567          | Element, Air Filter             | 1              | 1              |

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## NOTES

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**270 DTC / 320 DTC**

**SECTION 7**

# ***EXHAUST SYSTEM***

**FARMTRAC**

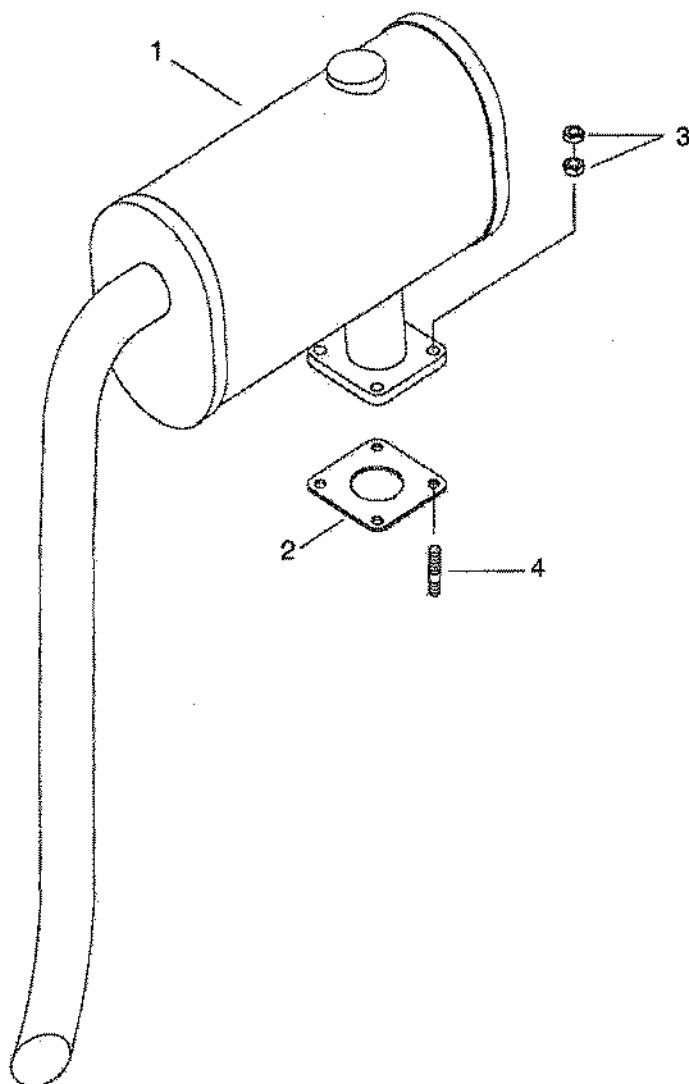
DRIVING TRADITIONS TOMORROW

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****EXHAUST SYSTEM****MUFFLER**

| ITEM No. | PART No.  | DESCRIPTION             | QTY.    |         |
|----------|-----------|-------------------------|---------|---------|
|          |           |                         | 270 DTC | 320 DTC |
| 1        | LG5105    | Muffler Assembly        | 1       | 1       |
| 2        | LG4214    | Gasket, Muffler         | 1       | 1       |
| 3        | N620013S8 | Nut, Hex (M8x1.25)      | 8       | 8       |
| 4        | LG4216    | Bolt, Stud (M8x1.25x25) | 4       | 4       |

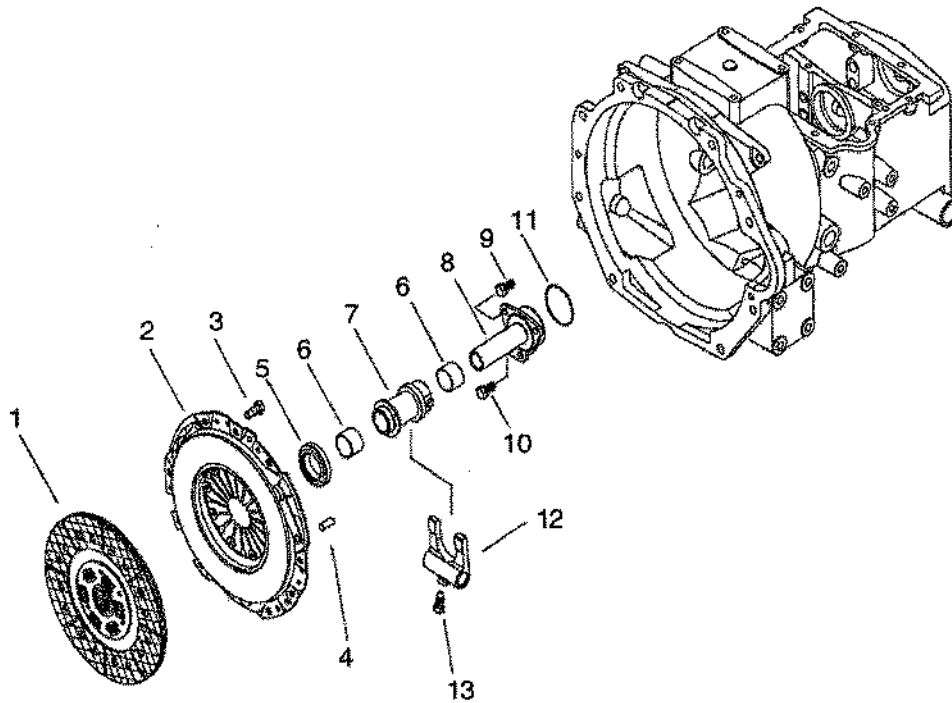


**270 DTC / 320 DTC**

**SECTION 8**

# ***CLUTCH***

CLUTCH



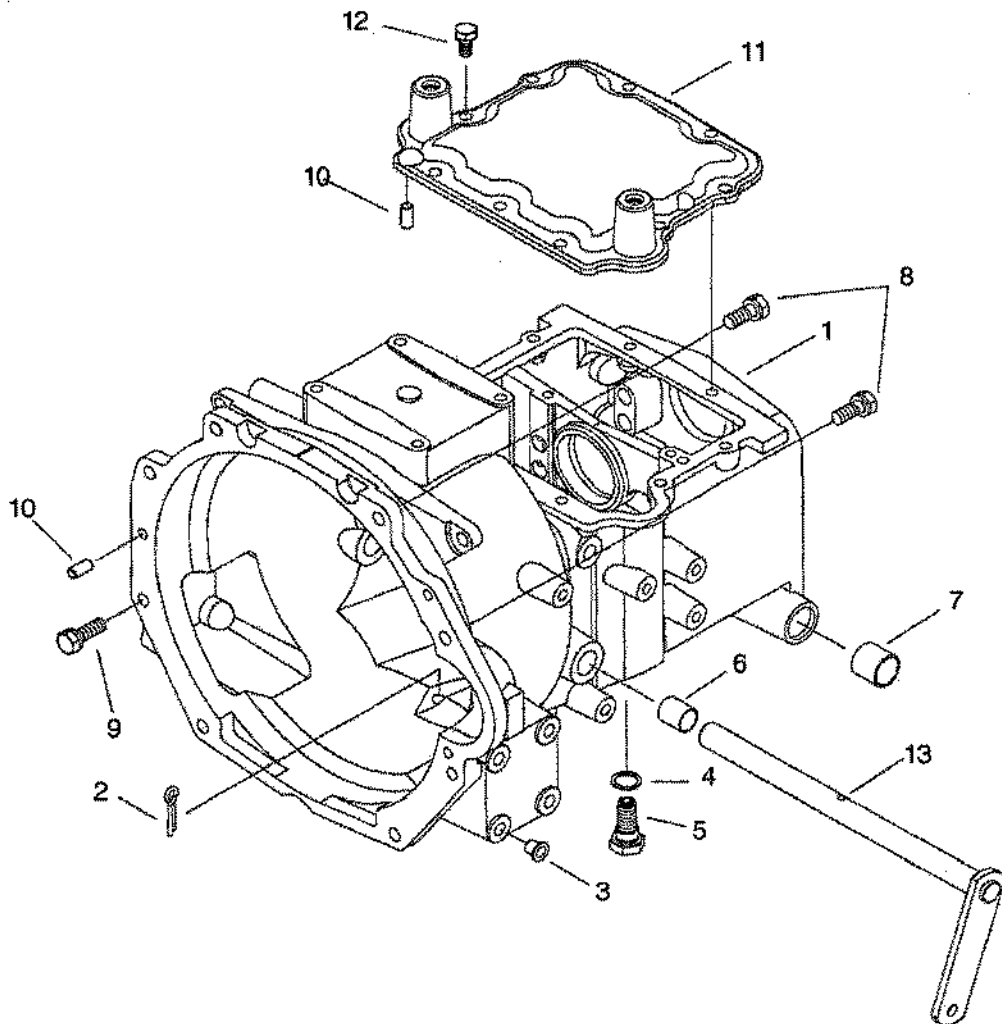
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****CLUTCH****CLUTCH**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1-2            | LG5120          | Clutch, Assembly                 | 1              | 1              |
| 1              | LG5121          | Clutch Disk Assembly             | 1              | 1              |
| 2              | LG5122          | Clutch Cover Assembly            | 1              | 1              |
| 3              | LG1951          | Bolt, Hex w/Washer (M8x1.25x20)  | 6              | 6              |
| 4              | LG5569          | Pin, Dowel (8x14)                | 3              | 3              |
| 5              | LG2092          | Bearing, Release                 | 1              | 1              |
| 6-7            | LG5124          | Hub Assembly, Release Bearing    | 1              | 1              |
| 6              | LG5566          | Bushing                          | 2              | 2              |
| 7              | LG5125          | Hub, Release Bearing             | 1              | 1              |
| 8              | LG5127          | Cover, Main Shaft (Single)       | 1              | 1              |
| 9              | LG1862          | Bolt, Hex w/Washer (M10x1.25x20) | 3              | 3              |
| 10             | LG1863          | Bolt, Hex w/Washer (M10x1.25x25) | 1              | 1              |
| 11             | LG1300          | O-Ring (66.5x2.0)                | 1              | 1              |
| 12             | LG2091          | Lever, Clutch Shift              | 1              | 1              |
| 13             | LG1782          | Bolt, Locking (M12x1.25)         | 1              | 1              |

CLUTCH HOUSING



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****CLUTCH****CLUTCH HOUSING**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG5126          | Housing, Clutch                  | 1              | 1              |
| 2              | LG5435          | Pin, Split                       | 1              | 1              |
| 3              | LG1777          | Plug                             | 8              | 8              |
| 4              | LG1395          | Copper Washer (26x20x2)          | 8              | 8              |
| 5              | LG1771          | Plug, Drain                      | 1              | 1              |
| 8              | LG5128          | Bushing (20x23x25)               | 2              | 2              |
| 7              | LG2464          | Bushing (28x25x20)               | 2              | 2              |
| 8              | LG5436          | Bolt, Hex w/Washer (M12x1.75x30) | 2              | 2              |
| 9              | LG1933          | Bolt, Hex w/Washer (M12x1.75x35) | 6              | 6              |
| 10             | LG1325          | Pin, (10x20)                     | 4              | 4              |
| 11             | LG5129          | Cover, Clutch Housing            | 1              | 1              |
| 12             | LG1862          | Bolt, Hex w/Washer (M10x1.25x20) | 9              | 9              |
| 13             | LG5130          | Shaft, Clutch Lever              | 1              | 1              |

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## NOTES

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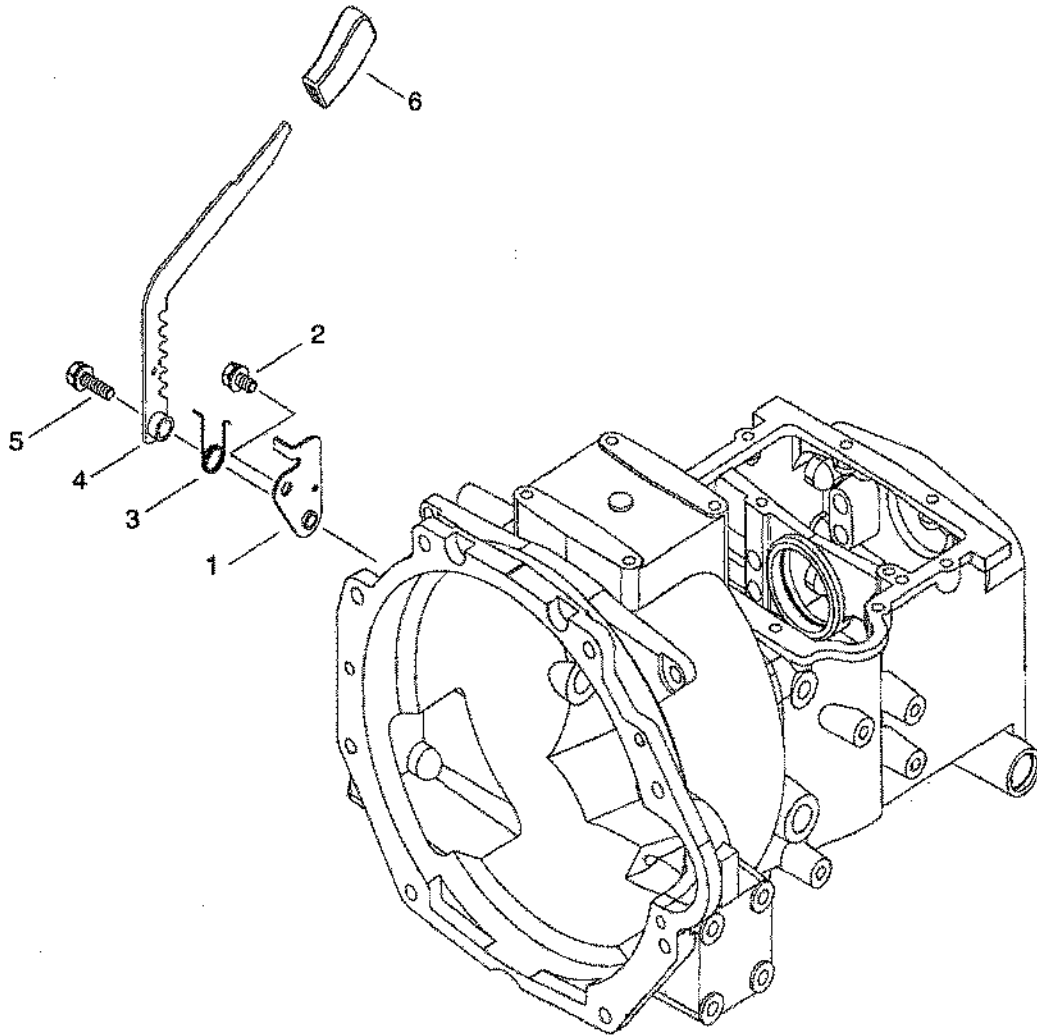
**270 DTC / 320 DTC**

**SECTION 9**

# ***BRAKE AND CLUTCH CONTROLS***

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****BRAKE & CLUTCH CONTROLS****PARKING BRAKE LEVER**

**FARMTRAC**

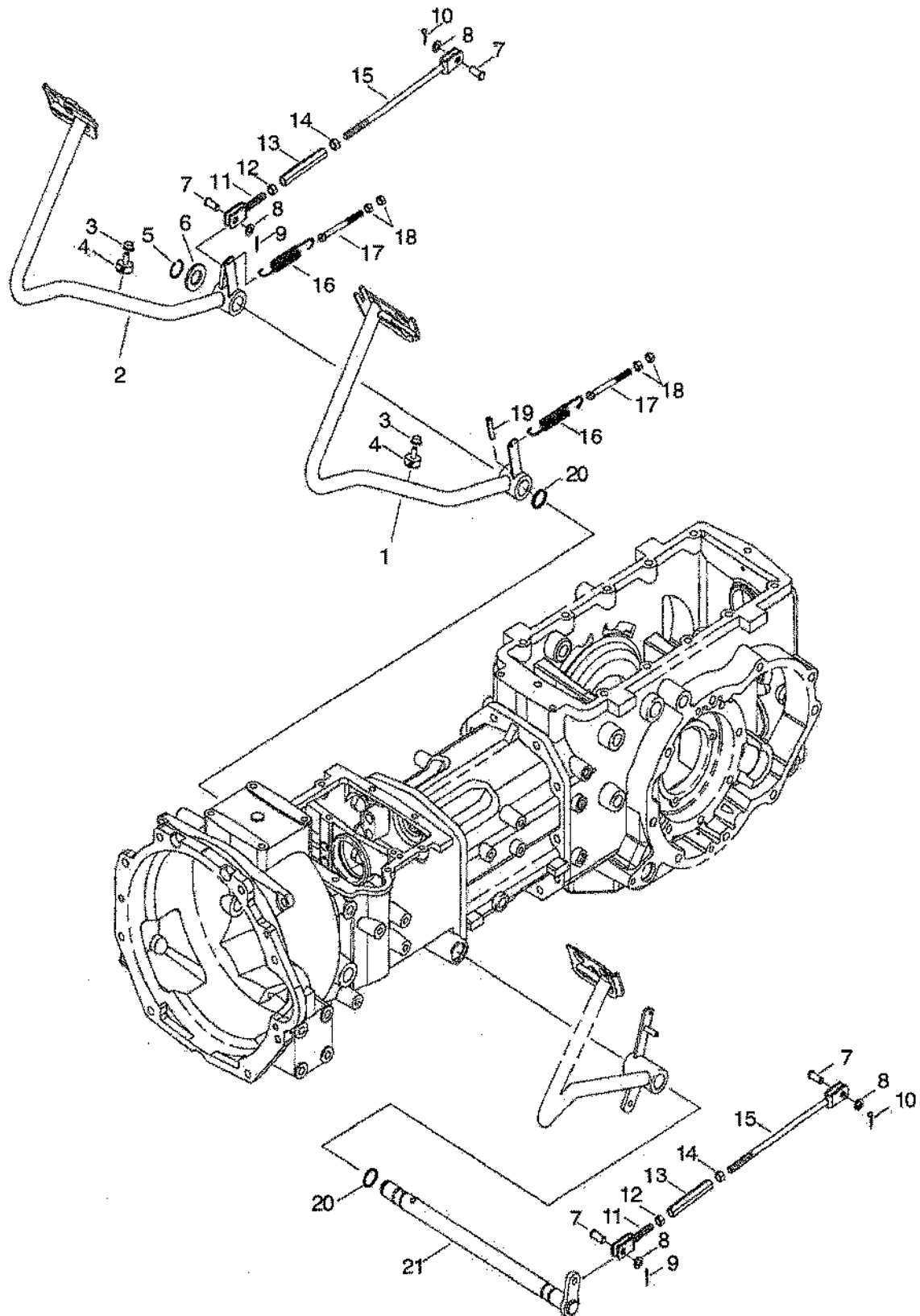
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****BRAKE & CLUTCH CONTROLS****PARKING BRAKE LEVER**

| <i>ITEM No</i> | <i>PART No.</i> | <i>DESCRIPTION</i>               | <i>QTY.</i>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <i>270 DTC</i> | <i>320 DTC</i> |
| 1              | LG2313          | Bracket                          | 1              | 1              |
| 2              | LG1909          | Bolt, Hex w/Washer (M10x1.25x20) | 1              | 1              |
| 3              | LG2312          | Spring                           | 1              | 1              |
| 4              | LG2311          | Ratchet, Parking                 | 1              | 1              |
| 5              | LG1913          | Bolt                             | 1              | 1              |
| 6              | LG1199          | Knob, Hydraulic Lift Lever       | 1              | 1              |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****BRAKE & CLUTCH CONTROLS****BRAKE PEDALS**

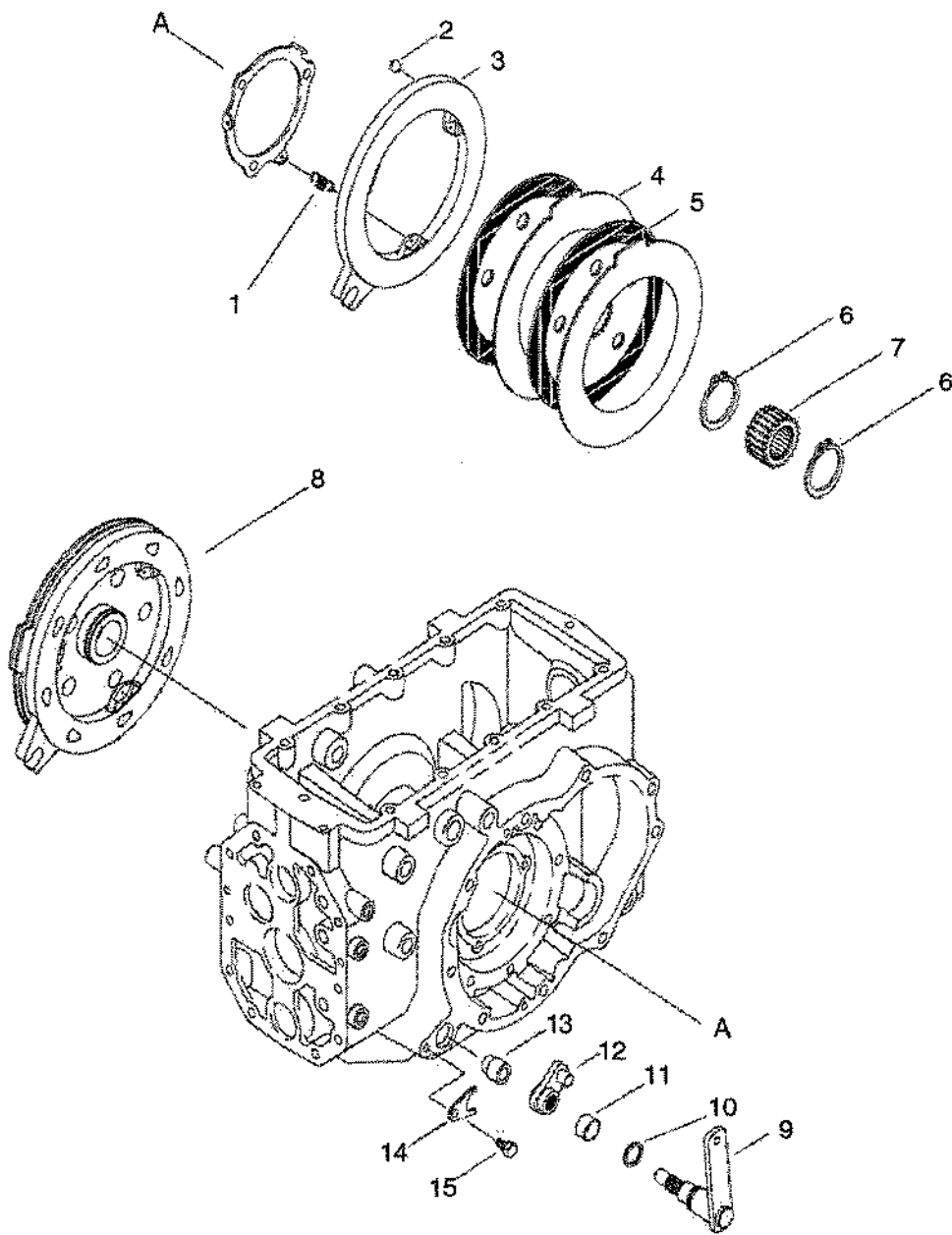
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****BRAKE & CLUTCH CONTROLS****BRAKE PEDALS**

| ITEM No | PART No.  | DESCRIPTION                    | QTY.    |         |
|---------|-----------|--------------------------------|---------|---------|
|         |           |                                | 270 DTC | 320 DTC |
| 1       | LG5230    | Pedal, Brake LH                | 1       | 1       |
| 2       | LG5231    | Pedal, Brake RH                | 1       | 1       |
| 3       | LG1890    | Nut, Flange (M8x1.25)          | 2       | 2       |
| 4       | LG2478    | Rubber                         | 2       | 2       |
| 5       | N661221S  | Ring, Snap (25)                | 1       | 1       |
| 6       | LG4294    | Washer, Plain F-RD (44x25x4)   | 1       | 1       |
| 7       | LG1911    | Pin, Clevis                    | 4       | 4       |
| 8       | N630069S8 | Washer, Plain S-RD (18x10.5x2) | 4       | 4       |
| 9       | N642565S8 | Pin, Split                     | 2       | 2       |
| 10      | LG1871    | Pin, Snap (1.8)                | 2       | 2       |
| 11-15   | LG5232    | Brake Rod Assembly             | 2       | 2       |
| 11      | LG5233    | Link, Clutch                   | 1       | 1       |
| 12      | LG1868    | Nut, Hex (M10x1.25)            | 1       | 1       |
| 13      | LG4329    | Adjuster, Control              | 1       | 1       |
| 14      | LG5234    | Nut, Hex (M10x1.25)            | 2       | 2       |
| 15      | LG5437    | Rod, Brake                     | 1       | 1       |
| 16      | LG5438    | Spring                         | 2       | 2       |
| 17      | LG4336    | Adjuster                       | 2       | 2       |
| 18      | N620013S8 | Nut, Hex (M8x1.25)             | 4       | 4       |
| 19      | N646684S8 | Pin, Spring (8.6x40)           | 1       | 1       |
| 20      | LG1297    | O-Ring (24.7x3.5)              | 2       | 2       |
| 21      | LG5235    | Shaft, Brake Pedal             | 1       | 1       |

**BRAKE ASSEMBLY**



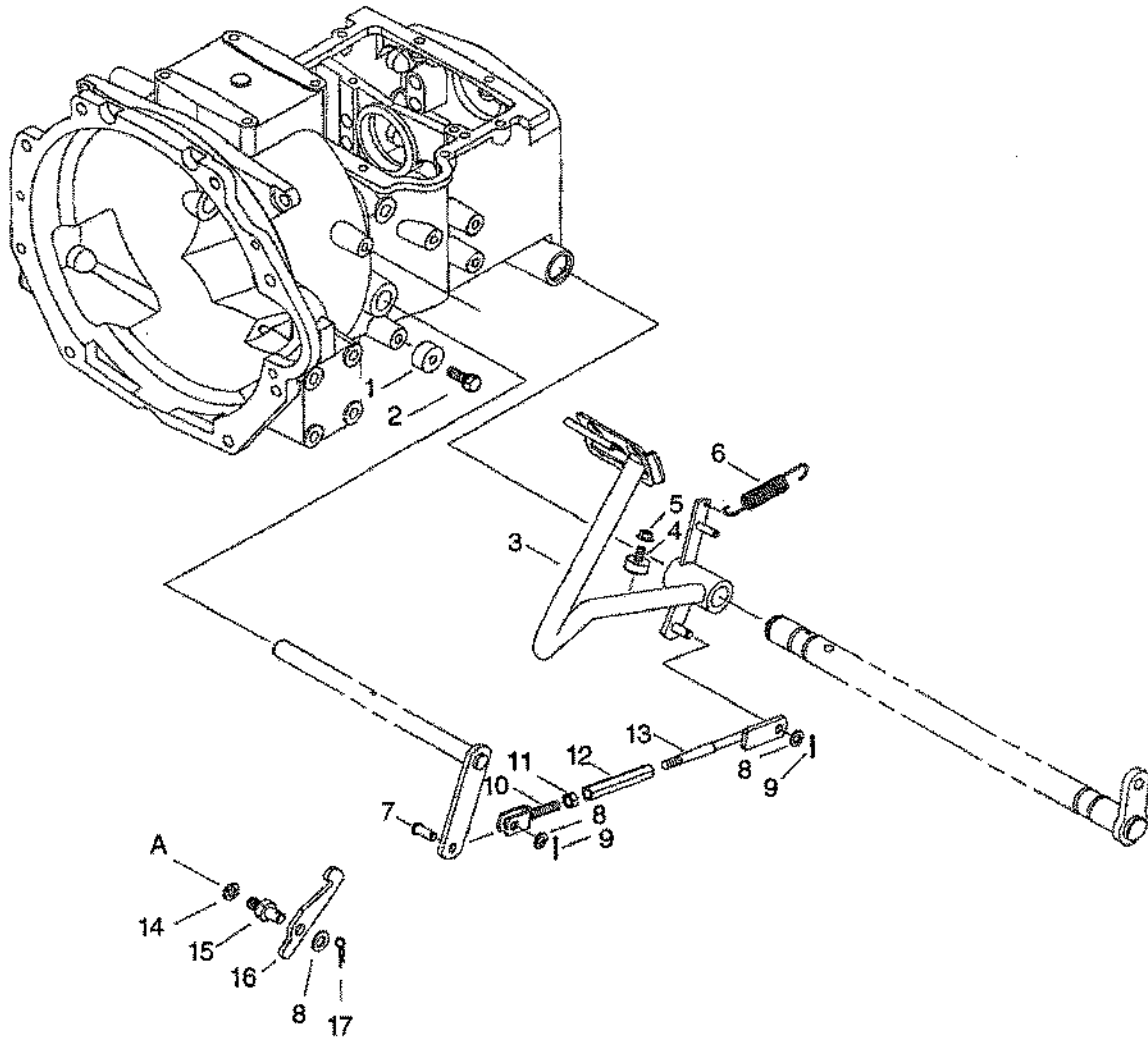
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****BRAKE & CLUTCH CONTROLS****BRAKE ASSEMBLY**

| ITEM No | PART No. | DESCRIPTION                      | QTY.    |         |
|---------|----------|----------------------------------|---------|---------|
|         |          |                                  | 270 DTC | 320 DTC |
| 1-7     | LG2297   | Brake Assy (LH)                  | 1       | 1       |
| 1       | LG2010   | Spring                           | 3       | 3       |
| 2       | LG2009   | Ball (1/2")                      | 8       | 8       |
| 3       | LG3368   | Plate, Cam (LH)                  | 1       | 1       |
| 4       | LG1361   | Plate, Pressure                  | 2       | 2       |
| 5       | LG1090   | Plate, Friction                  | 2       | 2       |
| 6       | N661242S | Ring, Snap (M58 x 2)             | 2       | 2       |
| 7       | LG2302   | Boss, Spline                     | 1       | 1       |
| 8       | LG2296   | Brake Assembly (RH)              | 1       | 1       |
| 9       | LG5226   | Lever, Brake                     | 2       | 2       |
| 10      | LG1297   | O-Ring P (24.7x 3.5)             | 2       | 2       |
| 11      | LG4166   | Bushing (25x22x21)               | 2       | 2       |
| 12      | LG2303   | Arm, Brake Lever                 | 2       | 2       |
| 13      | LG5228   | Bushing, Brake Lever             | 2       | 2       |
| 14      | LG4320   | Plate                            | 2       | 2       |
| 15      | LG1862   | Bolt, Hex w/Washer (M10x1.25x20) | 2       | 2       |

**CLUTCH PEDAL**



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****BRAKE & CLUTCH CONTROLS****CLUTCH PEOAL**

| ITEM No | PART No.  | DESCRIPTION                    | QTY.    |         |
|---------|-----------|--------------------------------|---------|---------|
|         |           |                                | 270 DTC | 320 DTC |
| 1       | LG5131    | Stopper, Clutch Pedal          | 1       | 1       |
| 2       | LG1862    | Bolt, Hex (M10x1.25x30)        | 1       | 1       |
| 3       | LG5132    | Pedal, Clutch                  | 1       | 1       |
| 4       | LG2478    | Bolt, Rubber                   | 1       | 1       |
| 5       | LG1890    | Nut, Flange (M8x1.25)          | 1       | 1       |
| 6       | LG5438    | Spring                         | 1       | 1       |
| 7       | LG1911    | Pin, Clevis                    | 1       | 1       |
| 8       | N630069S8 | Washer, Plain S-RD (18x10.5x2) | 3       | 3       |
| 9       | N642565S8 | Pin, Split                     | 2       | 2       |
| 10-13   | LG5133    | Clutch Rod Assembly            | 1       | 1       |
| 10      | LG5134    | Link, Clutch                   | 1       | 1       |
| 11      | LG1868    | Nut, Hex (10x1.25)             | 1       | 1       |
| 12      | LG4329    | Adjuster, Control              | 1       | 1       |
| 13      | LG5135    | Rod, Clutch                    | 1       | 1       |
| 14      | N630174S8 | Washer, Spring (18.4x10.2x2.5) | 1       | 1       |
| 15      | LG5136    | Hinge, Pedal                   | 1       | 1       |
| 16      | LG5137    | Hook, Pedal                    | 1       | 1       |
| 17      | LG1871    | Pin, Snap (1.8)                | 1       | 1       |

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## NOTES

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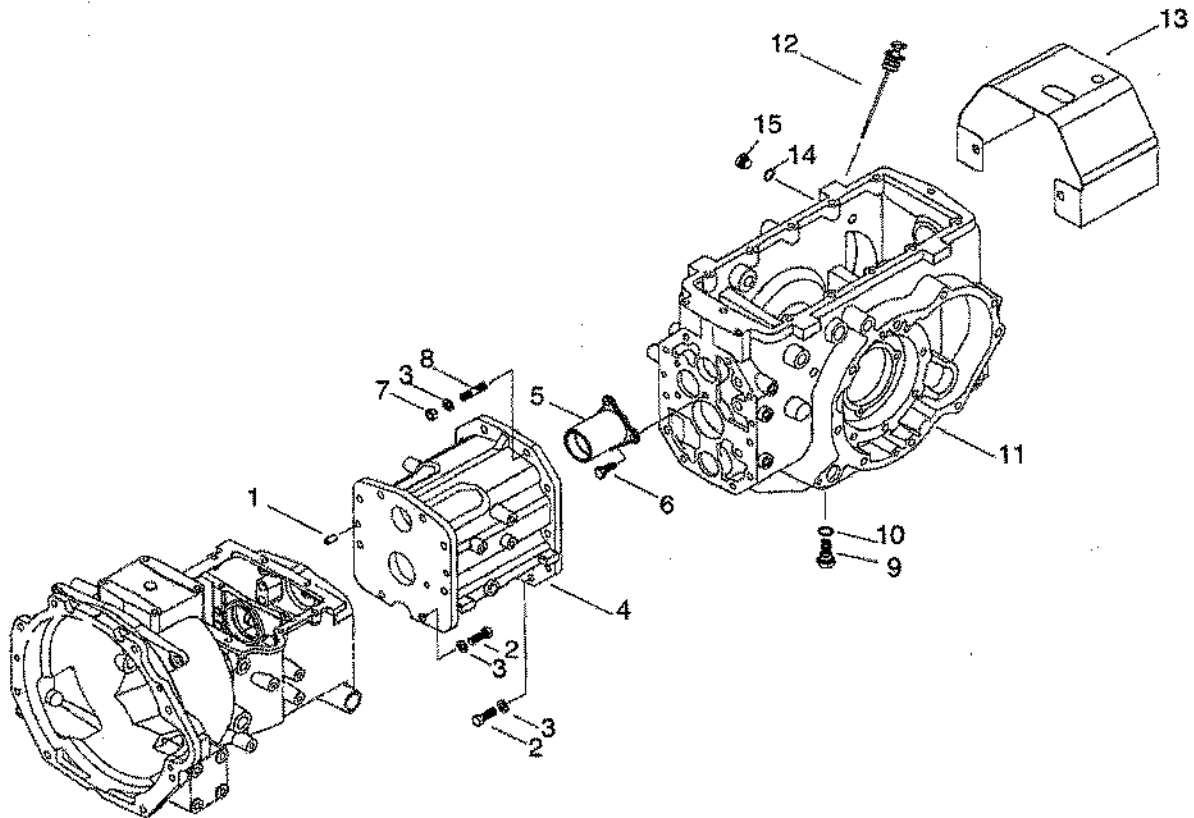
270 DTC / 320 DTC

SECTION 10

# GEARBOX

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**TRANSMISSION CASE**

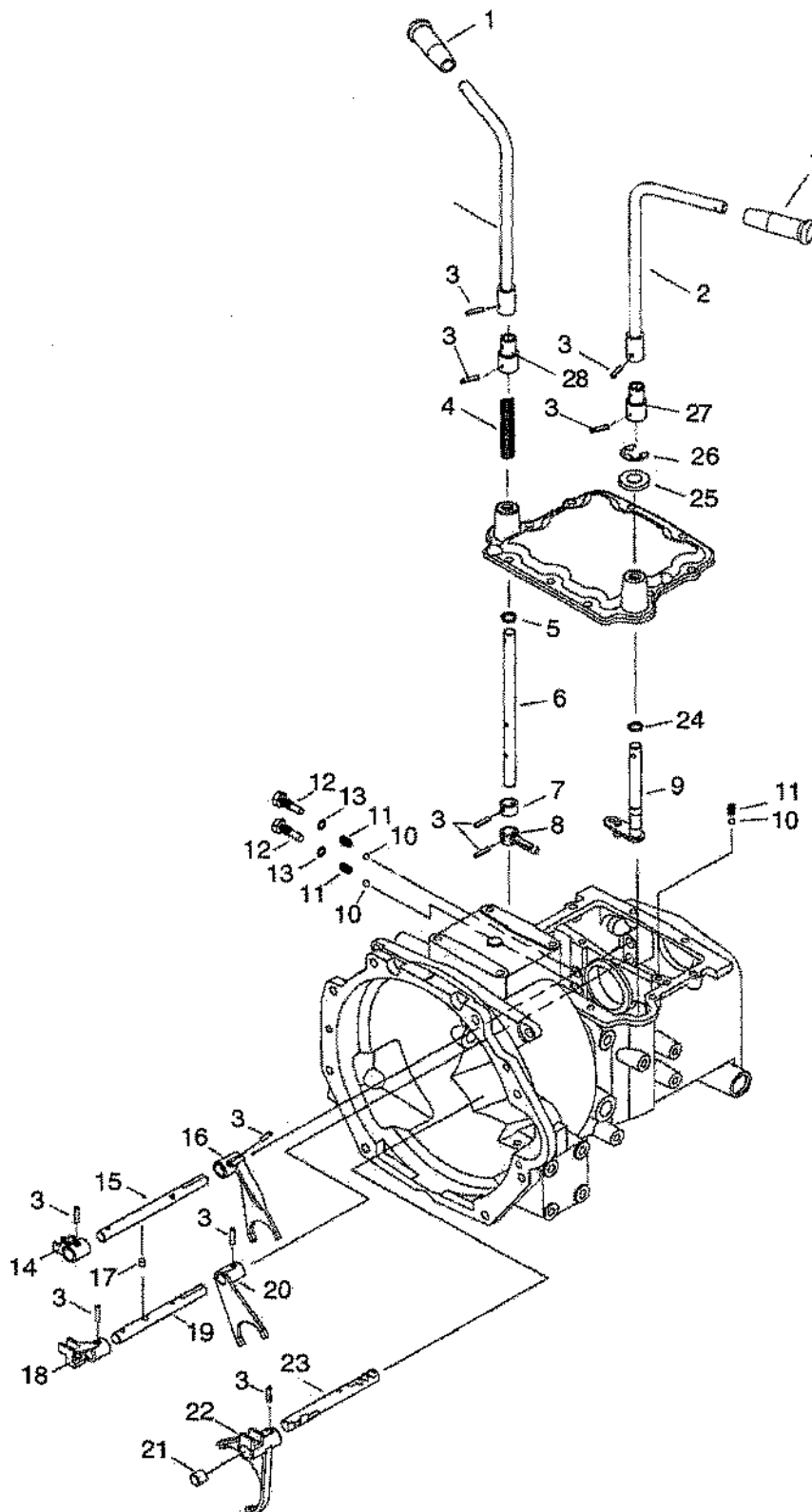
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****GEARBOX****TRANSMISSION CASE**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG1325          | Pin, (10x20)                     | 4              | 4              |
| 2              | 500235          | Bolt, Hex Small (M12x1.75x35)    | 14             | 14             |
| 3              | N630175S8       | Washer, Spring 1TY (21.5x12.2x3) | 18             | 18             |
| 4              | LG5138          | Case, Center                     | 1              | 1              |
| 5              | LG5139          | Holder, Bearing                  | 1              | 1              |
| 6              | LG1864          | Bolt, Hex w/Washer (M10x1.25x30) | 3              | 3              |
| 7              | LG5439          | Nut, Hex (M12x1.75)              | 4              | 4              |
| 8              | LG5440          | Bolt, Stud (M12x1.75)            | 4              | 4              |
| 9              | LG1771          | Plug, Drain                      | 1              | 1              |
| 10             | LG1995          | Seal (26x20x1)                   | 1              | 1              |
| 11             | LG5140          | Case, Axle                       | 1              | 1              |
| 12             | LG4234          | Gauge, Oil Level                 | 1              | 1              |
| 13             | LG5141          | Shield, PTO                      | 1              | 1              |
| 14             | LG1395          | Copper Washer (20x26x1)          | 1              | 1              |
| 15             | LG1781          | Plug, Drain                      | 1              | 1              |

**SHIFT LEVER AND FORK**



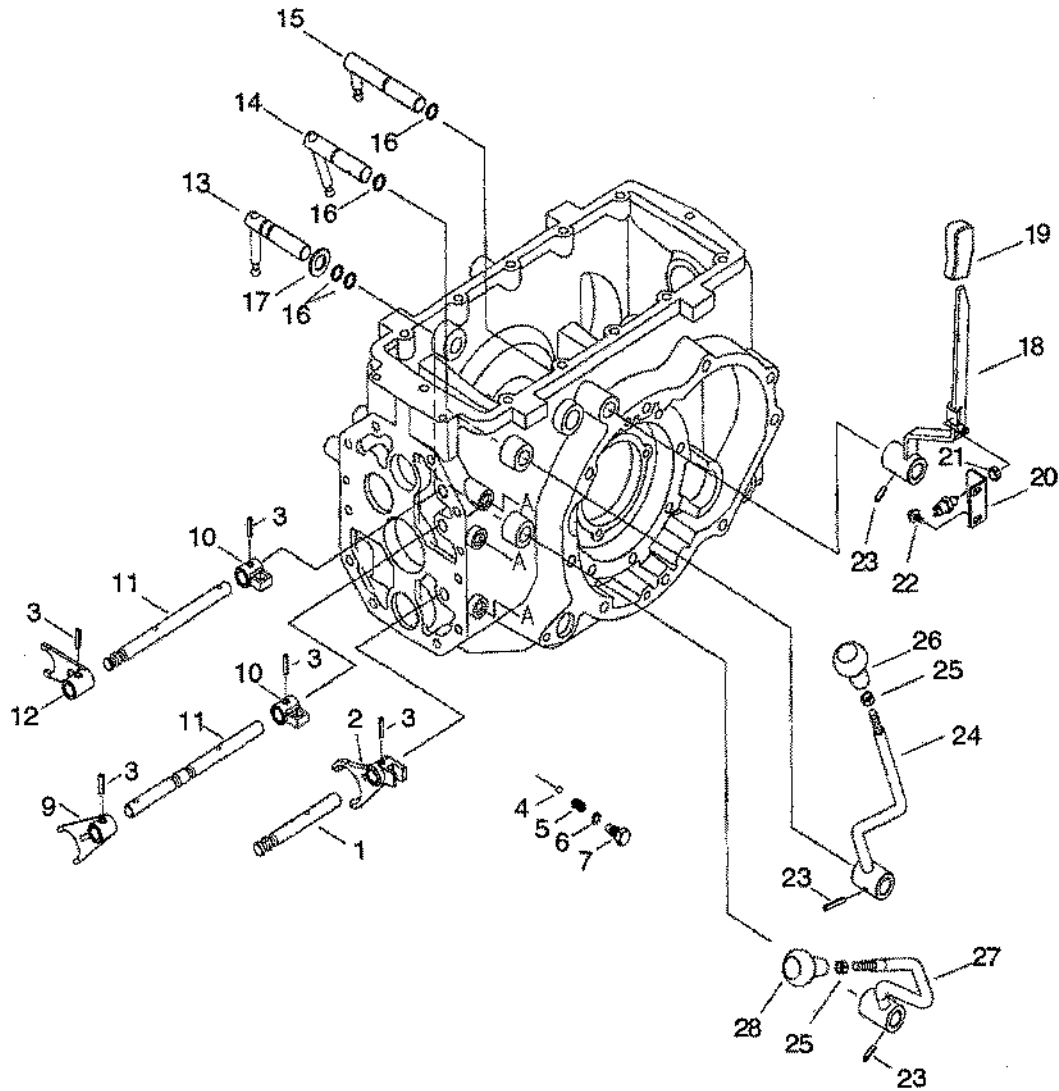
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****GEARBOX****SHIFT LEVER AND FORK**

| ITEM No | PART No.   | DESCRIPTION               | QTY.    |         |
|---------|------------|---------------------------|---------|---------|
|         |            |                           | 270 DTC | 320 DTC |
| 1       | LG2472     | Grip                      | 2       | 2       |
| 2       | LG2218     | Hand Lever Change         | 2       | 2       |
| 3       | N64663-S8  | Pin, Spring (6.4x25)      | 11      | 11      |
| 4       | LG2218     | Spring                    | 1       | 1       |
| 5       | LG1293     | O-Ring (P) (15.8x2.4)     | 1       | 1       |
| 6       | LG5181     | Lever, Main Change        | 1       | 1       |
| 7       | LG5182     | Stopper                   | 1       | 1       |
| 8       | LG5183     | Arm, Main Shift           | 1       | 1       |
| 9       | LG5184     | Lever, F-R Synchronized   | 1       | 1       |
| 10      | LG1707     | Ball, Shifter Fork        | 3       | 3       |
| 11      | LG1489     | Spring                    | 3       | 3       |
| 12      | LG1795     | Bolt, 4WD Shift           | 2       | 2       |
| 13      | LG1382     | O-Ring (P) (9.8x2.4)      | 2       | 2       |
| 14      | LG5185     | Adapter, Main Shift (3,4) | 1       | 1       |
| 15      | LG5186     | Rail, Main Shift (3,4)    | 1       | 1       |
| 16      | LG5187     | Fork, Main Shift (3,4)    | 1       | 1       |
| 17      | LG1313     | Pin                       | 1       | 1       |
| 18      | LG5188     | Adapter, Main Shift (1,2) | 1       | 1       |
| 19      | LG5189     | Rail, Main Shift (1,2)    | 1       | 1       |
| 20      | LG5190     | Fork, Main Shift (1,2)    | 1       | 1       |
| 21      | LG1026     | Cap, Rail                 | 1       | 1       |
| 22      | LG5419     | Fork, F-R Synchronized    | 1       | 1       |
| 23      | LG5541     | Rail, F-R Synchronized    | 1       | 1       |
| 24      | LG1292     | O-Ring (P) (11.8x2.4)     | 1       | 1       |
| 25      | N630072-S8 | Washer, Flat (M16)        | 1       | 1       |
| 26      | LG1923     | Ring, Snap (15x1.5)       | 1       | 1       |
| 27      | LG5570     | Adapter, LH               | 1       | 1       |
| 28      | LG5571     | Adapter, RH               | 1       | 1       |

SHIFT LEVER AND FORK



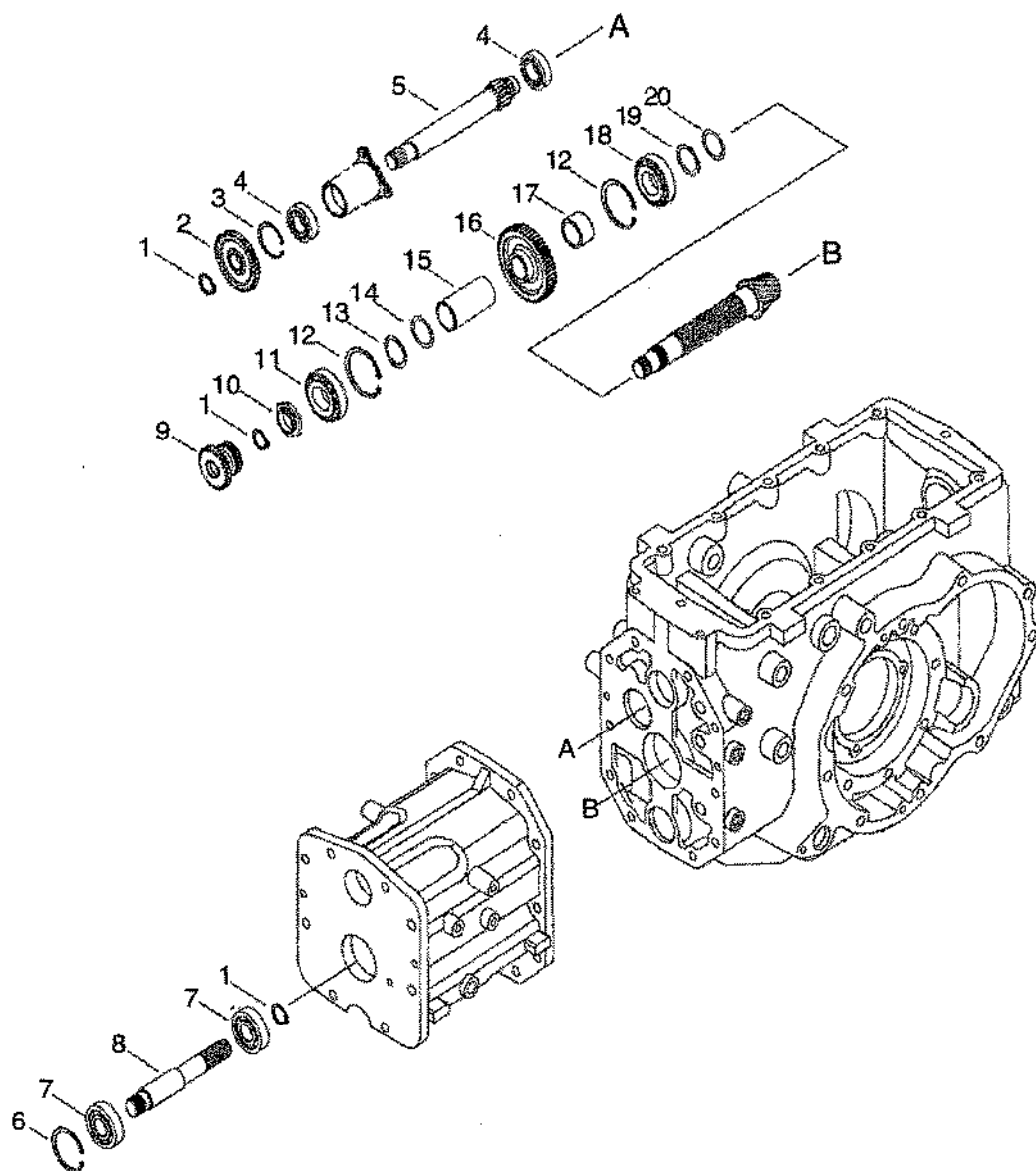
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****GEARBOX****SHIFT LEVER AND FORK**

| ITEM No | PART No.   | DESCRIPTION                     | QTY.    |         |
|---------|------------|---------------------------------|---------|---------|
|         |            |                                 | 270 DTC | 320 DTC |
| 1       | LG5191     | Rail, 4WD                       | 1       | 1       |
| 2       | LG2200     | Fork, 4WD                       | 1       | 1       |
| 3       | N646663S8  | Pin, Spring (6.4x25)            | 5       | 5       |
| 4       | LG1707     | Ball, Shifter Fork (11/32)      | 3       | 3       |
| 5       | LG1489     | Spring                          | 3       | 3       |
| 6       | LG1382     | O-Ring (9.8x2.4)                | 3       | 3       |
| 7       | LG1921     | Bolt, Rail                      | 3       | 3       |
| 8       | LG5192     | Rail, Range Shift               | 1       | 1       |
| 9       | LG5193     | Fork, Range Shift               | 1       | 1       |
| 10      | LG5194     | Adapter, Sub                    | 2       | 2       |
| 11      | LG5195     | Rail, PTO                       | 1       | 1       |
| 12      | LG5196     | Fork, PTO                       | 1       | 1       |
| 13      | LG5197     | Lever, 4WD                      | 1       | 1       |
| 14      | LG5198     | Lever, Range Shift              | 1       | 1       |
| 15      | LG5199     | Lever, PTO                      | 1       | 1       |
| 16      | LG1293     | O-Ring (15.8x2.4)               | 4       | 4       |
| 17      | N630073-S8 | Washer, Flat (20MM)             | 1       | 1       |
| 18      | LG5200     | Hand Lever, PTO                 | 1       | 1       |
| 19      | LG1199     | Knob, Hydraulic Lift Lever      | 1       | 1       |
| 20      | LG5441     | Bracket, Switch PTO             | 1       | 1       |
| 21      | LG5443     | Nut, Hex (M14x1.5)              | 1       | 1       |
| 22      | LG1979     | Bolt, Hex w/Washer (M8x1.25x20) | 2       | 2       |
| 23      | N646664-S8 | Pin, Spring W-TY (6.4x25)       | 3       | 3       |
| 24      | LG5539     | Hand Lever, Range Shift         | 1       | 1       |
| 25      | LG5442     | Nut, Hex S 2-TY (M10x1.25)      | 2       | 2       |
| 26      | LG5201     | Knob, Range                     | 1       | 1       |
| 27      | LG5202     | Hand Lever, 4WD                 | 1       | 1       |
| 28      | LG5203     | Knob, 4WD                       | 1       | 1       |

## RANGE GEAR SHAFT



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC**

**GEARBOX**

**RANGE GEAR SHAFT**

| ITEM No | PART No. | DESCRIPTION                | QTY.    |         |
|---------|----------|----------------------------|---------|---------|
|         |          |                            | 270 DTC | 320 DTC |
| 1       | N661221S | Ring, Snap (23.2)          | 3       | 3       |
| 2       | LG5160   | Gear, Range Driven (41)    | 1       | 1       |
| 3       | N660245S | Ring, Snap (C) H (56.2)    | 1       | 1       |
| 4       | LG1717   | Bearing, Ball              | 2       | 2       |
| 5       | LG5161   | Shaft, Range Driven w/Gear | 1       | 1       |
| 6       | N660250S | Ring, Snap (C) H (66.2)    | 1       | 1       |
| 7       | LG1723   | Bearing, Ball              | 2       | 2       |
| 8       | LG5162   | Shaft, Range Driven        | 1       | 1       |
| 9       | LG5163   | Gear, Range Driven         | 1       | 1       |
| 10      | LG1919   | Nut, Lock                  | 1       | 1       |
| 11      | LG1741   | Bearing, Taper Roller      | 1       | 1       |
| 12      | N660257S | Ring, Snap (76.5)          | 2       | 2       |
| 13      | LG1231   | Shim                       | AR      | AR      |
| 14      | LG1232   | Shim                       | AR      | AR      |
| 15      | LG3513   | Spacer                     | 1       | 1       |
| 16      | LG5164   | Gear, Range Driven         | 1       | 1       |
| 17      | LG5540   | Spacer                     | 1       | 1       |
| 18      | LG5165   | Bearing, Taper Roller      | 1       | 1       |
| 19      | LG4514   | Liner                      | AR      | AR      |
| 20      | LG2059   | Liner                      | AR      | AR      |

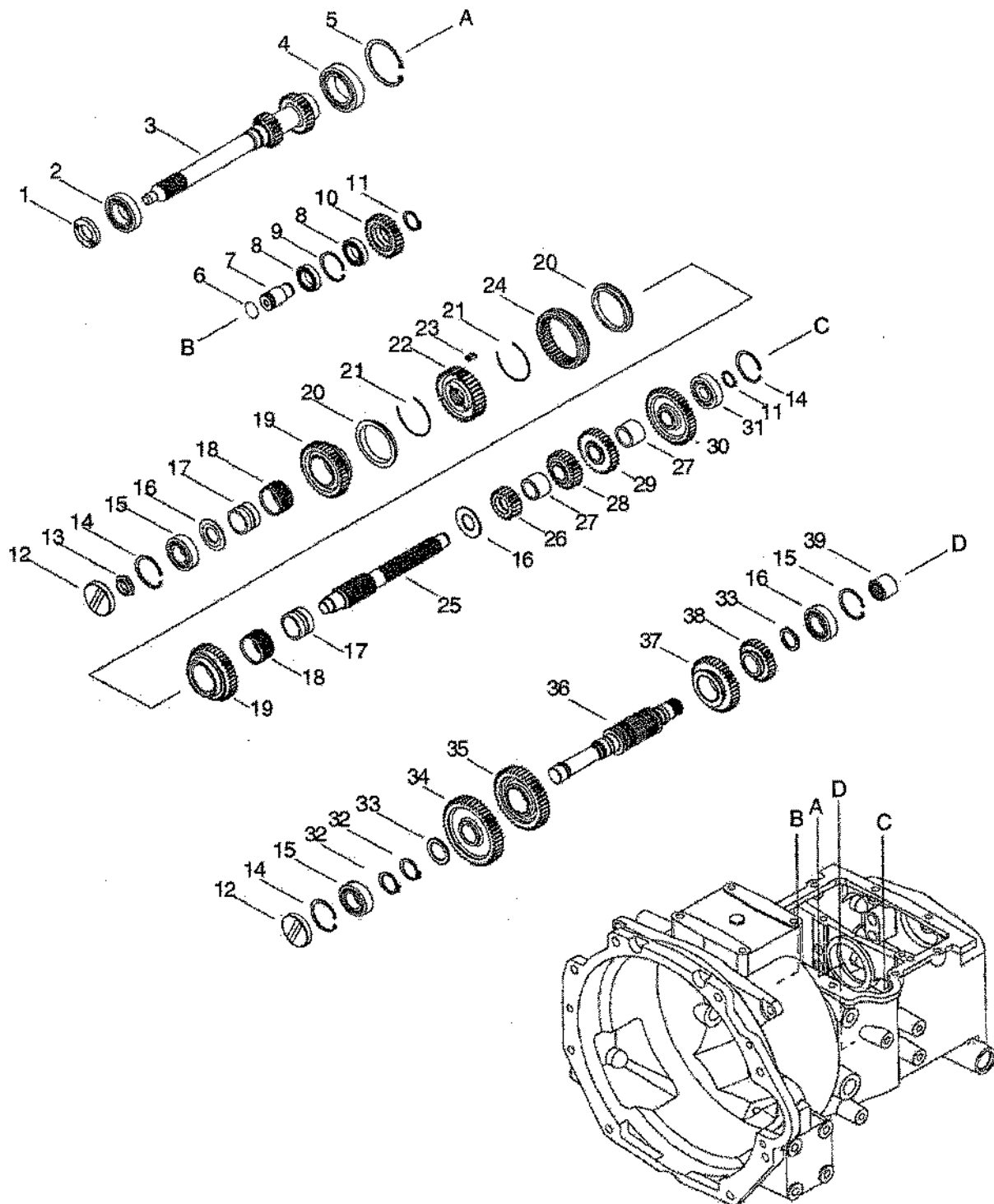
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC**

**GEARBOX**

**MAIN SHAFT**



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****GEARBOX****MAIN SHAFT**

| ITEM No | PART No. | DESCRIPTION               | QTY.    |         |
|---------|----------|---------------------------|---------|---------|
|         |          |                           | 270 DTC | 320 DTC |
| 1       | LG5142   | Seal, Oil (28x47x7)       | 1       | 1       |
| 2       | LG4408   | Bearing, Ball             | 1       | 1       |
| 3       | LG5143   | Shaft, F-R Driven w/Gear  | 1       | 1       |
| 4       | LG2049   | Bearing, Ball             | 1       | 1       |
| 5       | N660255S | Ring, Snap (C) H (72.5)   | 1       | 1       |
| 6       | LG1294   | O-Ring (20.8x2.4)         | 1       | 1       |
| 7       | LG5144   | Shaft, R/Idle             | 1       | 1       |
| 8       | LG2053   | Bearing, Ball             | 2       | 2       |
| 9       | N660232S | Ring, Snap (C) H (34.4)   | 1       | 1       |
| 10      | LG5145   | Gear, Reverse Idle        | 1       | 1       |
| 11      | N661216S | Ring, Snap (18.5)         | 1       | 1       |
| 12      | LG4114   | Cap, Rubber               | 2       | 2       |
| 13      | LG5444   | Nut, Lock                 | 1       | 1       |
| 14      | N660245S | Ring, Snap (C) H (56.2)   | 2       | 2       |
| 15      | LG1717   | Bearing, Ball             | 2       | 2       |
| 16      | LG5572   | Spacer                    | 2       | 2       |
| 17      | LG1460   | Sleeve, Gear              | 2       | 2       |
| 18      | LG1711   | Bearing, Needle           | 2       | 2       |
| 19      | LG5146   | Gear, FR Driven           | 2       | 2       |
| 20      | LG1386   | Ring, Synchronized        | 2       | 2       |
| 21      | LG1488   | Spring                    | 2       | 2       |
| 22      | LG1189   | Hub Shaft                 | 1       | 1       |
| 23      | LG1311   | Synchronizer Insert       | 3       | 3       |
| 24      | LG1455   | Sleeve                    | 1       | 1       |
| 25      | LG5147   | Shaft, Main Drive         | 1       | 1       |
| 26      | LG5148   | Gear, Main 2nd Driven 20T | 1       | 1       |
| 27      | LG2183   | Spacer                    | 2       | 2       |
| 28      | LG5149   | Gear, Main 2nd Driven 25T | 1       | 1       |
| 29      | LG5150   | Gear, Main 2nd Driven 31T | 1       | 1       |
| 30      | LG5151   | Gear, Main 2nd Driven 42T | 1       | 1       |
| 31      | LG5152   | Bearing, Ball             | 1       | 1       |
| 32      | N661221S | Ring, Snap (23.2)         | 2       | 2       |
| 33      | LG5445   | Spacer                    | 2       | 2       |
| 34      | LG5153   | Gear, Main 1st Driven 49T | 1       | 1       |
| 35      | LG5154   | Gear, Main 2nd Driven 44T | 1       | 1       |
| 36      | LG5155   | Shaft, Main Driven        | 1       | 1       |
| 37      | LG5156   | Gear, Main 3rd Drive (38) | 1       | 1       |
| 38      | LG5157   | Gear, Main 4th Drive (28) | 1       | 1       |
| 38      | LG5446   | Joint                     | 1       | 1       |

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## NOTES

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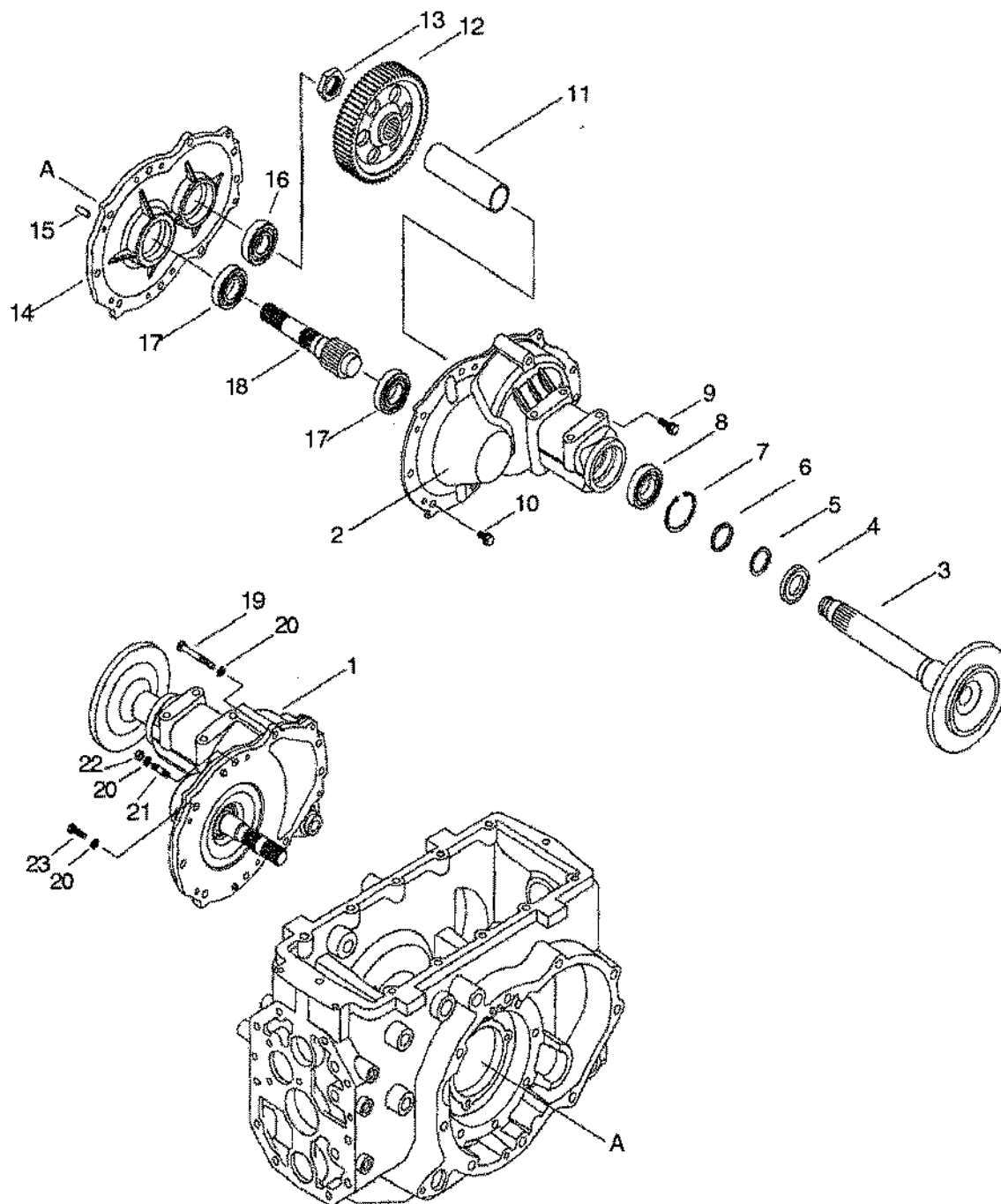
270 DTC / 320 DTC

SECTION 11

# ***REAR AXLE HOUSING AND DIFFERENTIAL***

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL****REAR AXLE**

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL****REAR AXLE**

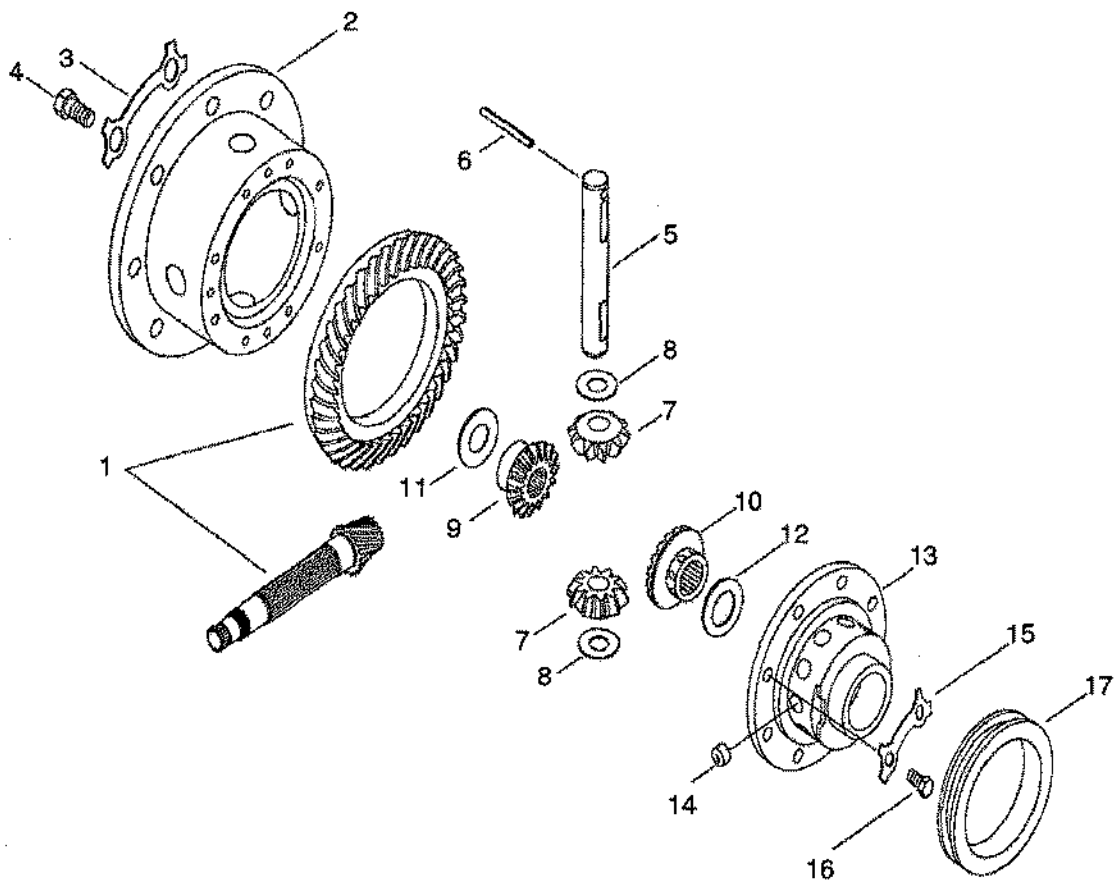
| ITEM NO | PART NO.  | DESCRIPTION                         | QTY.    |         |
|---------|-----------|-------------------------------------|---------|---------|
|         |           |                                     | 270 DTC | 320 DTC |
| 1,3-18  | LG5210    | Final Drive Assembly (RH)           | 1       | 1       |
| 2-18    | LG5211    | Final Drive Assembly (LH)           | 1       | 1       |
| 1       | LG5212    | Housing, F-Drive (RH)               | 1       | 1       |
| 2       | LG5213    | Housing, F-Drive (LH)               | 1       | 1       |
| 3       | LG5214    | Shaft, Rear Axle                    | 1       | 1       |
| 4       | LG4127    | Seal, Oil                           | 1       | 1       |
| 5       | LG5542    | Ring, Snap (41.9)                   | 1       | 1       |
| 6       | LG5543    | Spacer                              | 1       | 1       |
| 7       | LG5523    | Ring, Snap (79.5)                   | 1       | 1       |
| 8       | LG5215    | Bearing, Ball                       | 1       | 1       |
| 9       | LG1913    | Bolt, Hex (M10x1.25x35)             | 1       | 1       |
| 10      | LG1916    | Bolt, Hex (M10x1.25x25)             | 5       | 5       |
| 11      | LG5544    | Spacer                              | 1       | 1       |
| 12      | LG5216    | Gear, Final Driven                  | 1       | 1       |
| 13      | LG1938    | Nut, Lock (M40x1)                   | 1       | 1       |
| 14      | LG5217    | Housing, Brake                      | 1       | 1       |
| 15      | LG5560    | Pin (10x32)                         | 2       | 2       |
| 16      | LG2050    | Bearing, Ball                       | 1       | 1       |
| 17      | LG5219    | Bearing, Ball                       | 2       | 2       |
| 18      | LG5220    | Shaft, Final Drive w/ Gear (16T)    | 1       | 1       |
| 19      | LG3679    | Bolt, Hex (M14x2.0x120)             | 4       | 4       |
| 20      | N630187S8 | Washer, Spring 2-TY (24.7x14.2x4.2) | 9       | 9       |
| 21      | LG5517    | Bolt, Stud (M14x2.0x45)             | 2       | 2       |
| 22      | LG3681    | Nut, Hex 1 TY (M14x2.0)             | 2       | 2       |
| 23      | LG3507    | Bolt, Hex (M14x2.0x45)              | 3       | 3       |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL**

**REAR DIFFERENTIAL**



**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL****REAR DIFFERENTIAL**

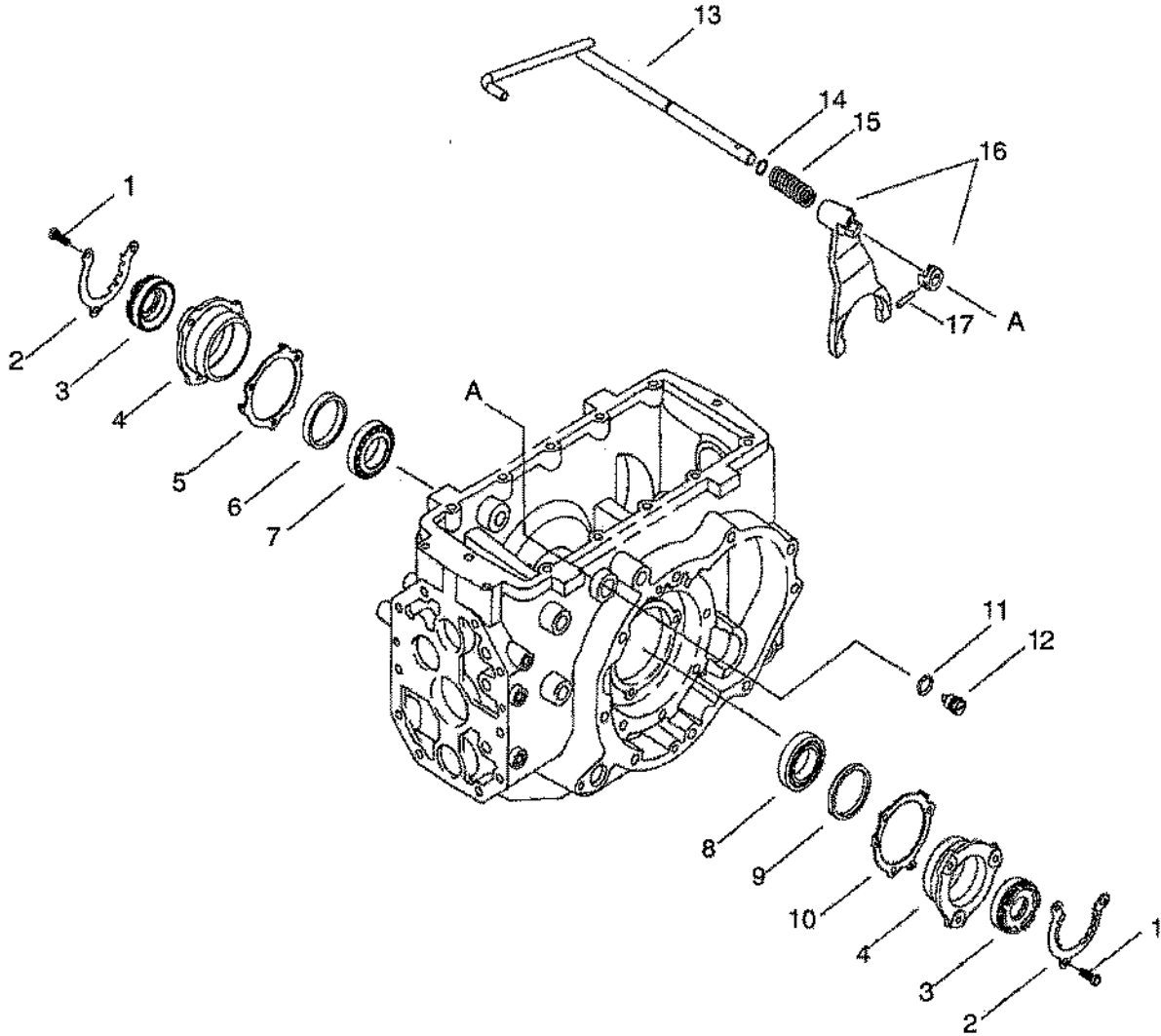
| ITEM No | PART No.  | DESCRIPTION                     | QTY.    |         |
|---------|-----------|---------------------------------|---------|---------|
|         |           |                                 | 270 DTC | 320 DTC |
| 1-17    | LG5204    | Differential Assembly           | 1       | 1       |
| 1       | LG5205    | Ring & Pinion Gear Set 6T, 37T  | 1       | 1       |
| 2       | LG3328    | Case, Differential (1)          | 1       | 1       |
| 3       | LG3336    | Washer, Lock (1.0)              | 4       | 4       |
| 4       | LG1924    | Bolt, Hex (M12x1.25x23)         | 8       | 8       |
| 5       | LG3330    | Shaft (1)                       | 1       | 1       |
| 6       | N646661S8 | Pin, Spin W-TY (6x50)           | 1       | 1       |
| 7       | LG5206    | Pinion Mate                     | 2       | 2       |
| 8       | LG1927    | Washer, Thrust (0.8)            | 2       | 2       |
| 9       | LG5207    | Gear, Side Differential (RH)    | 1       | 1       |
| 10      | LG5208    | Gear, Side Differential (LH)    | 1       | 1       |
| 11      | LG1928    | Washer, THrust (0.8)            | 1       | 1       |
| 12      | LG1929    | Washer, THrust (LH) (55x74x0.8) | 1       | 1       |
| 13      | LG3329    | Case, Differential (2)          | 1       | 1       |
| 14      | LG3335    | Roller (12x1.5)                 | 10      | 10      |
| 15      | LG1925    | Washer, Lock (2) (1.0)          | 4       | 4       |
| 16      | LG1926    | Bolt, Hex (M8x1.25x20)          | 8       | 8       |
| 17      | LG3334    | Hub, Differential Lock          | 1       | 1       |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL**

**DIFFERENTIAL LOCK**



**FARMTRAC**

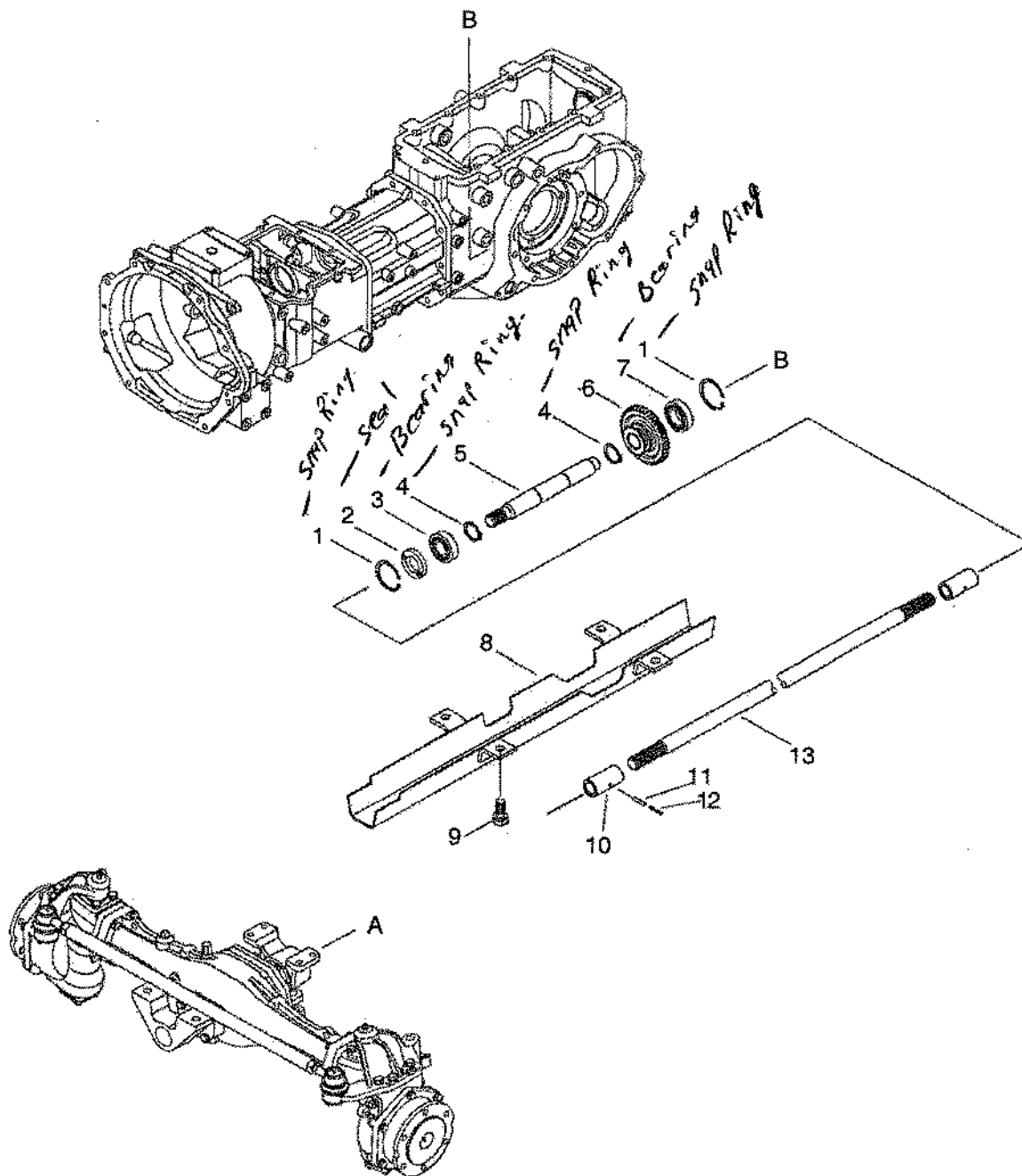
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****REAR AXLE HOUSING & DIFFERENTIAL****DIFFERENTIAL LOCK**

| ITEM No | PART No.  | DESCRIPTION                     | QTY.    |         |
|---------|-----------|---------------------------------|---------|---------|
|         |           |                                 | 270 DTC | 320 DTC |
| 1       | 500198    | Bolt, Hex F-Thrd. (M10x1.25x25) | 6       | 6       |
| 2       | LG2231    | Plate, Lock                     | 2       | 2       |
| 3       | LG1772    | Gland Nut (M85x1.5)             | 2       | 2       |
| 4       | LG2229    | Support, Differential           | 2       | 2       |
| 5       | LG2300    | Holder, Spring (RH)             | 1       | 1       |
| 6       | LG2232    | Spacer                          | 1       | 1       |
| 7       | LG1736    | Bearing, Taper                  | 1       | 1       |
| 8       | LG1722    | Bearing, Ball                   | 1       | 1       |
| 9       | LG2233    | Spacer                          | 1       | 1       |
| 10      | LG2299    | Holder, Spring (LH)             | 1       | 1       |
| 11      | LG1294    | O-Ring (P) (20.8x2.4)           | 1       | 1       |
| 12      | LG1689    | Adjust Screw                    | 1       | 1       |
| 13      | LG5209    | Pedal, Differential             | 1       | 1       |
| 14      | LG1293    | O-Ring (P) (15.8x2.4)           | 1       | 1       |
| 15      | LG5518    | Spring                          | 1       | 1       |
| 16      | LG2005    | Differential Lock Fork Assembly | 1       | 1       |
| 17      | N646684S8 | Pin, Spring W-TY (8.6 x 40)     | 1       | 1       |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL****4WD**

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC REAR AXLE HOUSING & DIFFERENTIAL****4WD**

| ITEM No | PART No. | DESCRIPTION                      | Qty.    |         |
|---------|----------|----------------------------------|---------|---------|
|         |          |                                  | 270 DTC | 320 DTC |
| 1       | N660242S | Ring, Snap (50.5)                | 2       | 2       |
| 2       | LG5175   | Seal, Oil                        | 1       | 1       |
| 3       | LG2047   | Bearing, Ball                    | 1       | 1       |
| 4       | N661221S | Ring, Snap (23.2)                | 2       | 2       |
| 5       | LG5176   | Shaft, 4WD Driven                | 1       | 1       |
| 6       | LG5418   | Gear, 4WD Driven 41T             | 1       | 1       |
| 7       | LG1716   | Bearing, Ball                    | 1       | 1       |
| 8       | LG5177   | Cover, 4WD                       | 1       | 1       |
| 9       | LG5436   | Bolt, Hex w/Washer (M12x1.75x30) | 2       | 2       |
| 10-12   | LG5178   | 4WD Joint Assembly               | 2       | 2       |
| 10      | LG5179   | Joint, 4WD                       | 1       | 1       |
| 11      | LG5519   | Pin, Spring (5.4x28)             | 1       | 1       |
| 12      | LG5520   | Pin, Spring (3.3x28)             | 1       | 1       |
| 13      | LG5180   | Shaft, 4WD Front                 | 1       | 1       |

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## NOTES

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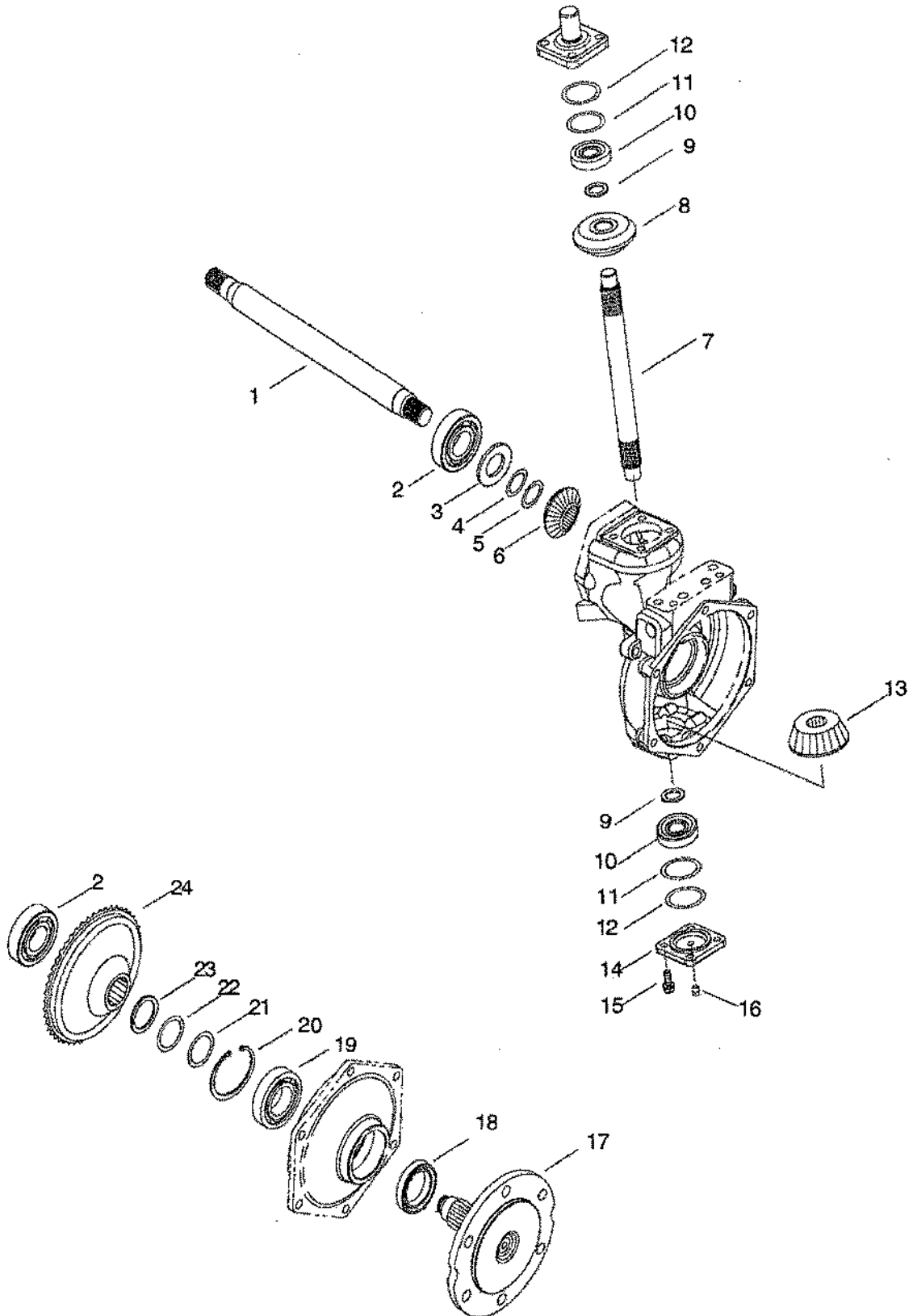
270 DTC / 320 DTC

SECTION 12

# ***FRONT AXLES***

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****FRONT DRIVE**

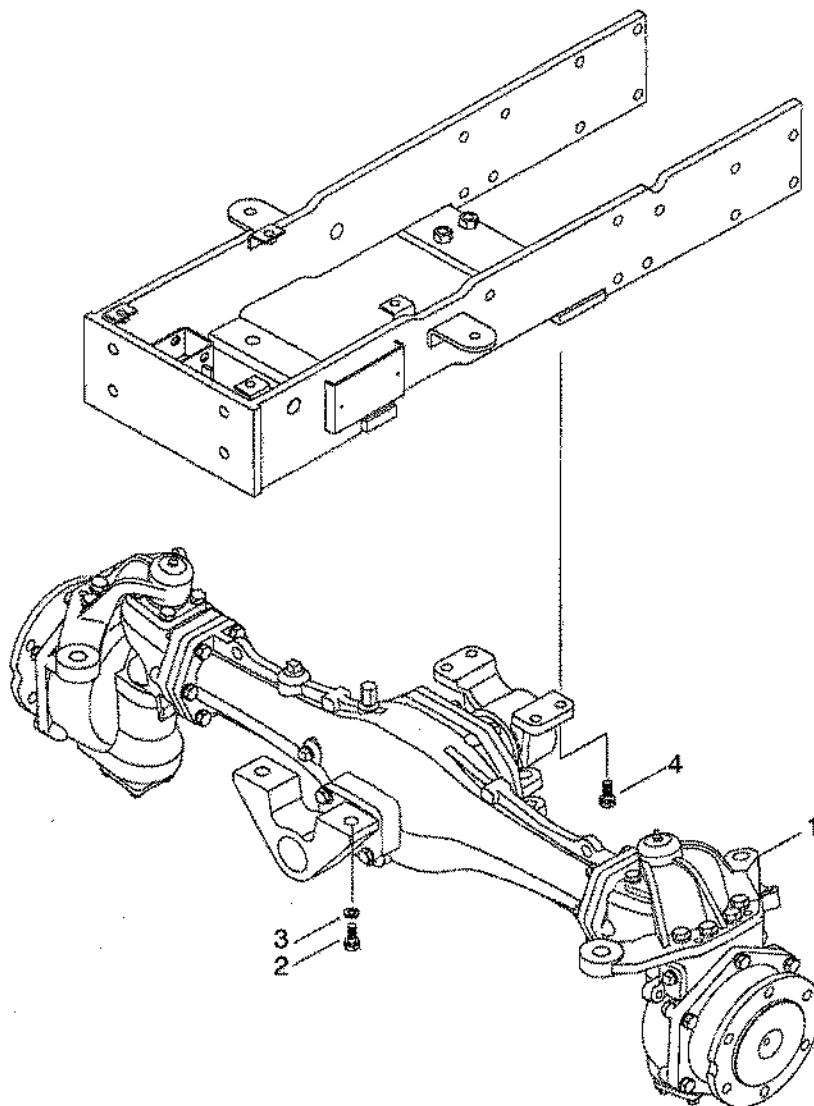
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****FRONT DRIVE**

| ITEM No | PART No. | DESCRIPTION                     | QTY.    |         |
|---------|----------|---------------------------------|---------|---------|
|         |          |                                 | 270 DTC | 320 DTC |
| 1       | LG5285   | Shaft, Front Differential       | 2       | 2       |
| 2       | LG3551   | Bearing, Ball                   | 4       | 4       |
| 3       | LG5545   | Washer, Thrust                  | 2       | 2       |
| 4       | LG5286   | Liner                           | AR      | AR      |
| 5       | LG5287   | Liner                           | AR      | AR      |
| 6       | LG5288   | Bevel Gear 13T                  | 2       | 2       |
| 7       | LG5289   | Shaft, Kingpin                  | 2       | 2       |
| 8       | LG5290   | Bevel Gear 16T                  | 2       | 2       |
| 9       | LG5427   | Spacer                          | 4       | 4       |
| 10      | LG5291   | Bearing, Taper Roller           | 4       | 4       |
| 11      | LG1235   | Liner                           | AR      | AR      |
| 12      | LG1237   | Liner                           | AR      | AR      |
| 13      | LG5292   | Bevel Gear 13T                  | 2       | 2       |
| 14      | LG5293   | Cover, Kingpin                  | 2       | 2       |
| 15      | LG1951   | Bolt, Hex w/Washer (M8x1.25x20) | 8       | 8       |
| 16      | LG1775   | Plug, Taper PT (3/8)            | 2       | 2       |
| 17      | LG5294   | Shaft, Front Axle               | 2       | 2       |
| 18      | LG3324   | Seal, Oil                       | 2       | 2       |
| 19      | LG3552   | Bearing, Ball                   | 2       | 2       |
| 20      | N660257S | Ring, Snap (76.5)               | 2       | 2       |
| 21      | LG2058   | Liner                           | AR      | AR      |
| 22      | LG2060   | Liner                           | AR      | AR      |
| 23      | LG5521   | Ring, Snap (32.5)               | 2       | 2       |
| 24      | LG5295   | Ring Gear 35T                   | 2       | 2       |

**FRONT AXLE ASSEMBLY**



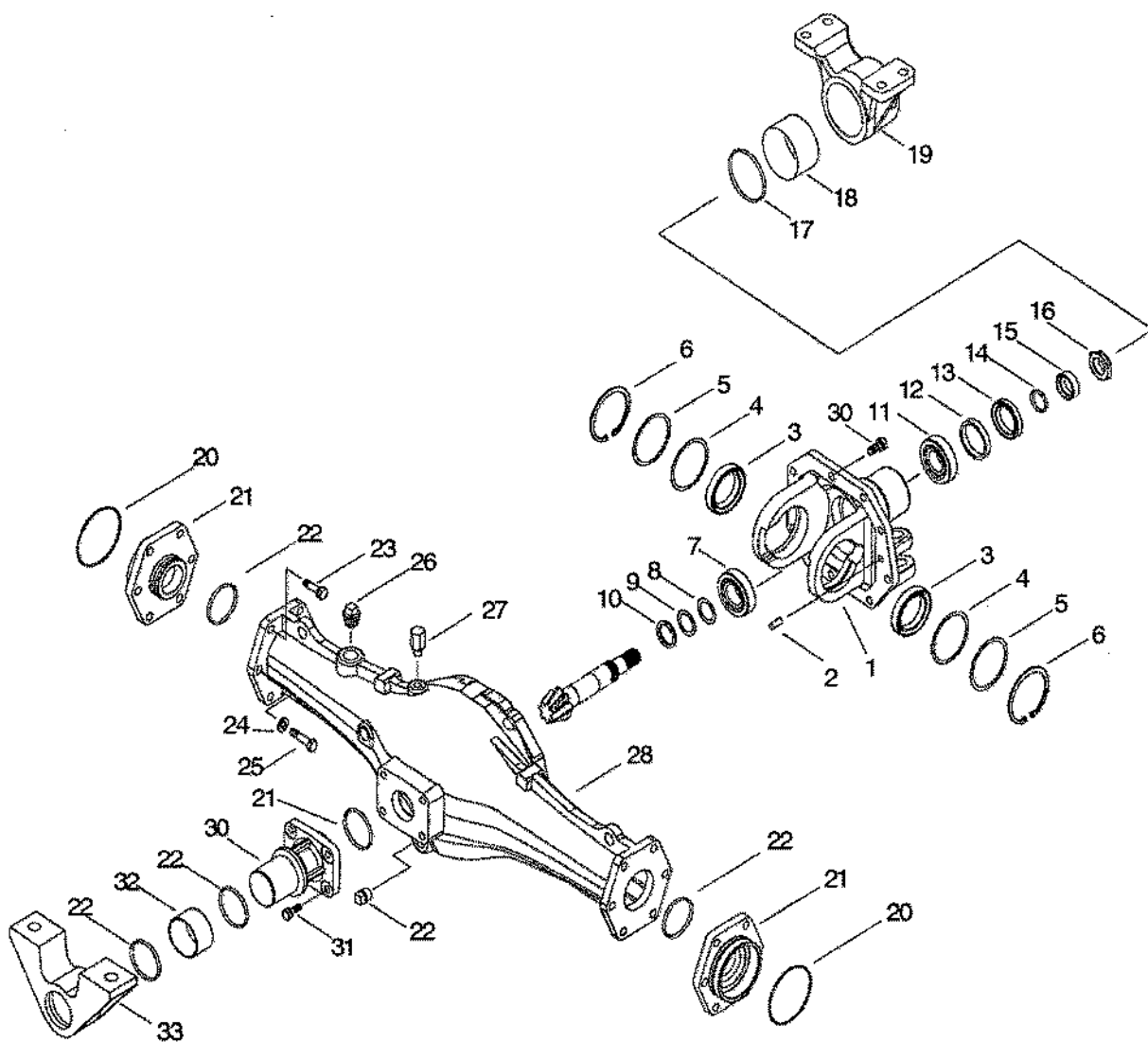
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****FRONT AXLE ASSEMBLY**

| <i>ITEM NO</i> | <i>PART NO.</i> | <i>DESCRIPTION</i>         | <i>QTY.</i>    |                |
|----------------|-----------------|----------------------------|----------------|----------------|
|                |                 |                            | <i>270 DTC</i> | <i>320 DTC</i> |
| 1              | LG5236          | Front Axle Assembly        | 1              | 1              |
| 2              | LG5522          | Bolt, Hex (M16x1.5x40)     | 2              | 2              |
| 3              | N630176S8       | Washer, Spring (28x16.2x4) | 2              | 2              |
| 4              | LG2422          | Bolt, Hex (M12x1.25x45)    | 4              | 4              |

## FRONT AXLE CASE (1)



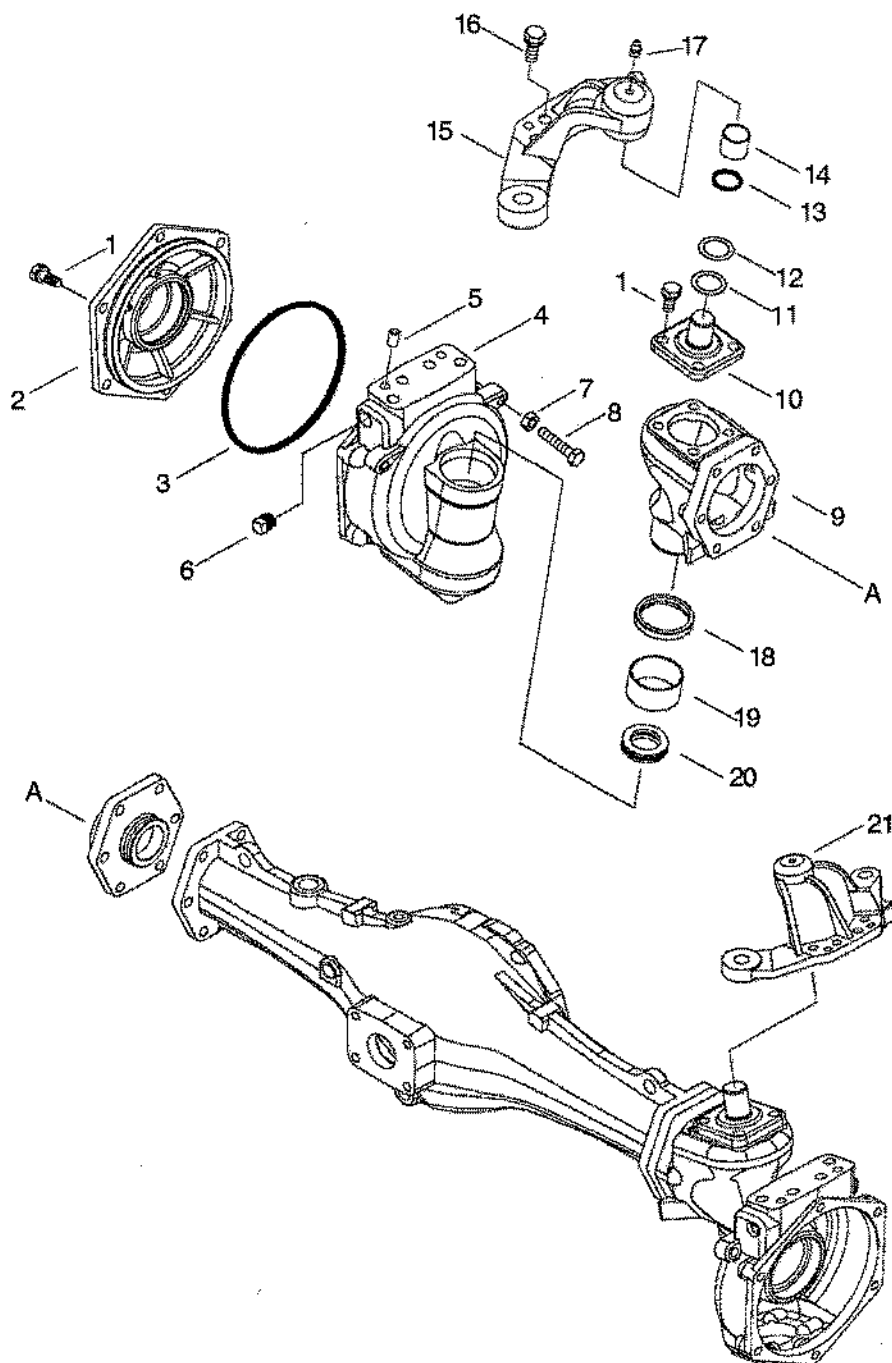
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****FRONT AXLE CASE (1)**

| ITEM NO | PART NO.  | DESCRIPTION                           | QTY.    |         |
|---------|-----------|---------------------------------------|---------|---------|
|         |           |                                       | 270 DTC | 320 DTC |
| 1       | LG5237    | Holder, Differential Assembly         | 1       | 1       |
| 2       | LG1325    | Pin, Par. A-TY (10x20)                | 2       | 2       |
| 3       | LG5215    | Bearing, Ball                         | 2       | 2       |
| 4       | LG5238    | Liner                                 | AR      | AR      |
| 5       | LG5239    | Liner                                 | AR      | AR      |
| 6       | LG5523    | Ring, Snap (79.5)                     | 2       | 2       |
| 7       | LG5240    | Bearing, Taper Roller                 | 1       | 1       |
| 8       | LG5241    | Liner                                 | AR      | AR      |
| 9       | LG5242    | Liner                                 | AR      | AR      |
| 10      | LG3526    | Washer, Thrust                        | 1       | 1       |
| 11      | LG5243    | Bearing, Taper Roller                 | 1       | 1       |
| 12      | LG5524    | Spacer                                | 1       | 1       |
| 13      | LG5245    | Seal, Oil (TC35x52x9)                 | 1       | 1       |
| 14      | LG5525    | O-Ring (25)                           | 1       | 1       |
| 15      | LG5424    | Collar                                | 1       | 1       |
| 16      | LG1785    | Nut, Lock                             | 1       | 1       |
| 17      | LG5546    | O-Ring (65)                           | 1       | 1       |
| 18      | LG5423    | Bushing, DU                           | 1       | 1       |
| 19      | LG5426    | Bracket, Front Axle Rear              | 1       | 1       |
| 20      | LG1289    | O-Ring (79.5x2.0)                     | 2       | 2       |
| 21      | LG5244    | Spacer                                | 2       | 2       |
| 22      | LG5547    | O-Ring (55)                           | 5       | 5       |
| 23      | LG5526    | Bolt, Hex w/Washer (M10x1.25x40)      | 10      | 10      |
| 24      | N630174S8 | Washer, Spring 1-Type (18.4x10.2x2.5) | 2       | 2       |
| 25      | LG5527    | Bolt, Reamer (M10x1.25x47)            | 2       | 2       |
| 26      | LG1774    | Plug, Taper (3/8)                     | 1       | 1       |
| 27      | LG1001    | Breather, Air                         | 1       | 1       |
| 28      | LG5246    | Case Front Axle                       | 1       | 1       |
| 29      | LG1775    | Plug, Taper PT (3/8)                  | 2       | 2       |
| 30      | LG5247    | Holder, Front Pivot                   | 1       | 1       |
| 31      | LG1864    | Bolt, Hex w/Washer (M10x1.25x30)      | 12      | 12      |
| 32      | LG5422    | Bushing                               | 1       | 1       |
| 33      | LG5248    | Bracket, Front Axle (Front)           | 1       | 1       |

## FRONT AXLE CASE (2)



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****FRONT AXLE CASE (2)**

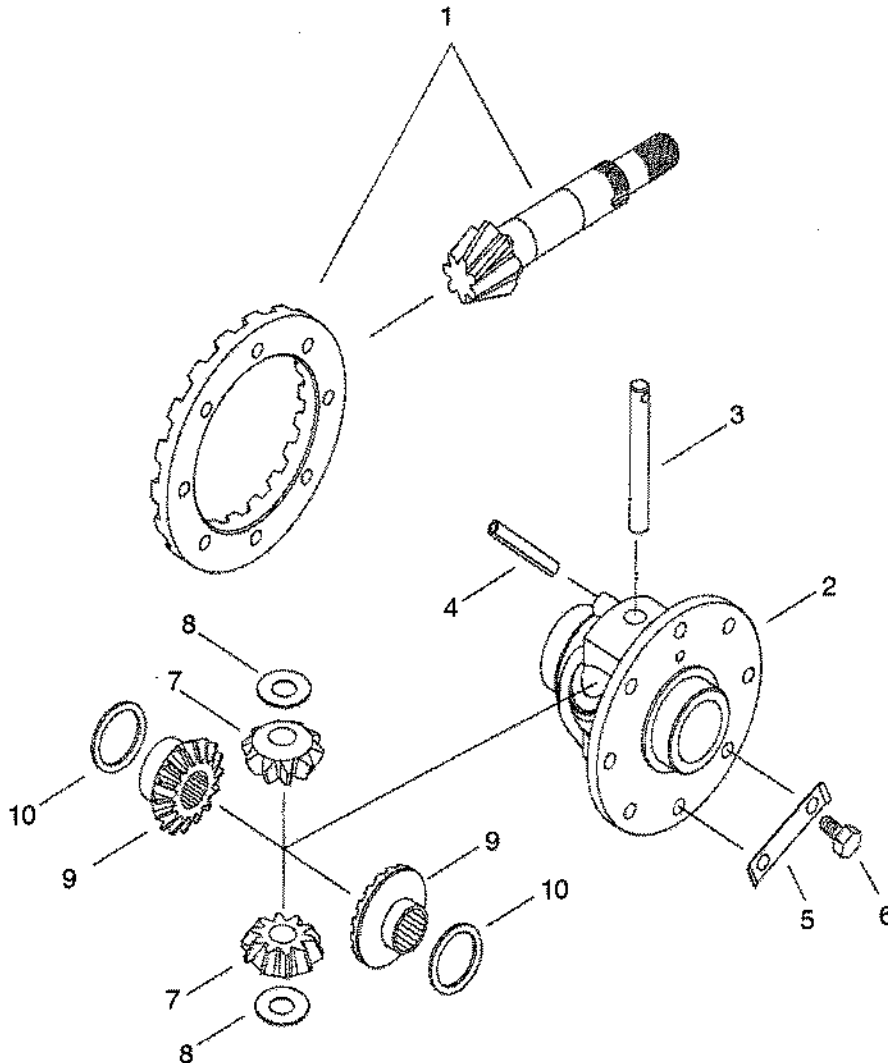
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>Qty.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG1863          | Bolt, Hex w/Washer (M10x1.25x25) | 20             | 20             |
| 2              | LG5249          | Cover, Gear Case                 | 2              | 2              |
| 3              | LG5548          | O-Ring (164.3x5.7)               | 2              | 2              |
| 4              | LG5250          | Case, Gear                       | 2              | 2              |
| 5              | LG1325          | Pin (10x20)                      | 4              | 4              |
| 6              | LG1775          | Plug, Taper PT (3/8)             | 2              | 2              |
| 7              | 500307          | Nut, Hex 1-TY (M10x1.25)         | 2              | 2              |
| 8              | 500463          | Bolt, Hex (M10x1.25x50)          | 2              | 2              |
| 9              | LG5251          | Case, Kingpin                    | 2              | 2              |
| 10             | LG5252          | Holder, Arm                      | 2              | 2              |
| 11             | LG5242          | Liner                            | AR             | AR             |
| 12             | LG5254          | Liner                            | AR             | AR             |
| 13             | LG1297          | O-Ring (24.7x1.75x30)            | 2              | 2              |
| 14             | LG5421          | Bushing                          | 2              | 2              |
| 15             | LG5256          | Arm, Knuckle (RH)                | 1              | 1              |
| 16             | LG5436          | Bolt, Hex w/Washer (M12x1.75x30) | 8              | 8              |
| 17             | LG1266          | Nipple Grease                    | 2              | 2              |
| 18             | LG5257          | Seal, Oil (40x60x12)             | 2              | 2              |
| 19             | LG5422          | Bushing                          | 2              | 2              |
| 20             | LG5258          | Bearing, Thrust                  | 2              | 2              |
| 21             | LG5259          | Arm, Knuckle (LH)                | 1              | 1              |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****FRONT DIFFERENTIAL**

| ITEM No. | PART No.  | DESCRIPTION                   | QTY.    |         |
|----------|-----------|-------------------------------|---------|---------|
|          |           |                               | 270 DTC | 320 DTC |
| 1-10     | LG5260    | Differential Assembly F/Axle  | 1       | 1       |
| 1        | LG5261    | Ring & Pinion Gear Set        | 1       | 1       |
| 2        | LG5262    | Case, Differential            | 1       | 1       |
| 3        | LG5263    | Shaft, Pinion Gear            | 1       | 1       |
| 4        | N646661S8 | Pin, Spring (6.4x50)          | 1       | 1       |
| 5        | LG5264    | Plate Lock                    | 4       | 4       |
| 6        | LG5537    | Bolt, Hex F-Thrd (M8x1.25x16) | 8       | 8       |
| 7        | LG5265    | Pinion Gear 10T               | 2       | 2       |
| 8        | LG5430    | Washer, 1.2T                  | 2       | 2       |
| 9        | LG5266    | Side Gear, Differential 16T   | 2       | 2       |
| 10       | LG5429    | Washer 1.2T                   | 2       | 2       |

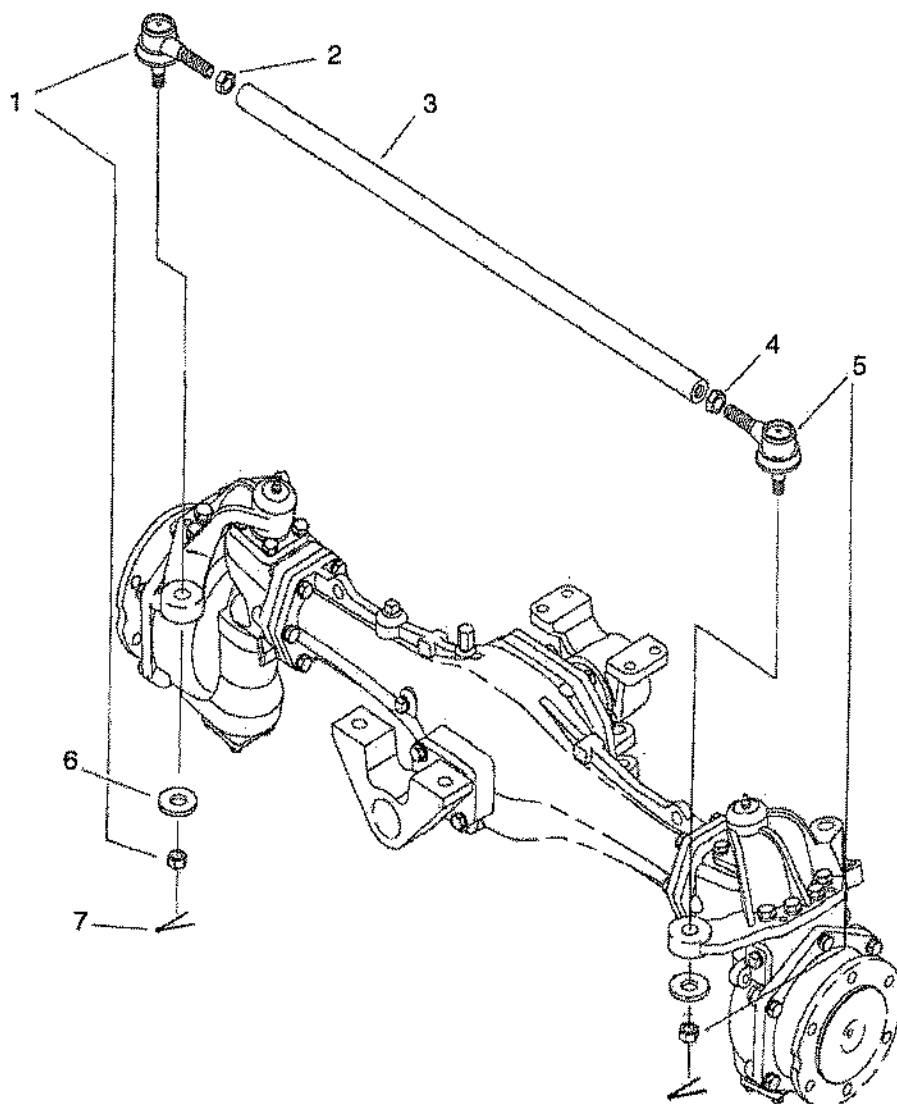


**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT AXLES****TIE ROD**

| ITEM No | PART No.  | DESCRIPTION           | QTY.    |         |
|---------|-----------|-----------------------|---------|---------|
|         |           |                       | 270 DTC | 320 DTC |
| 1-5     | LG5296    | Tie Rod Assembly      | 1       | 1       |
| 1       | LG3991    | End, Tie Rod (LH)     | 1       | 1       |
| 2       | LG3990    | Nut, Hex LH (M18x1.5) | 1       | 1       |
| 3       | LG5297    | Pipe, Tie Rod         | 1       | 1       |
| 4       | LG1945    | Nut, Hex RH (M18x1.5) | 1       | 1       |
| 5       | LG3987    | End, Tie Rod (RH)     | 1       | 1       |
| 6       | LG1947    | Washer, Plain (3)     | 2       | 2       |
| 7       | N642590S8 | Pin, Split (4x36)     | 2       | 2       |



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## NOTES

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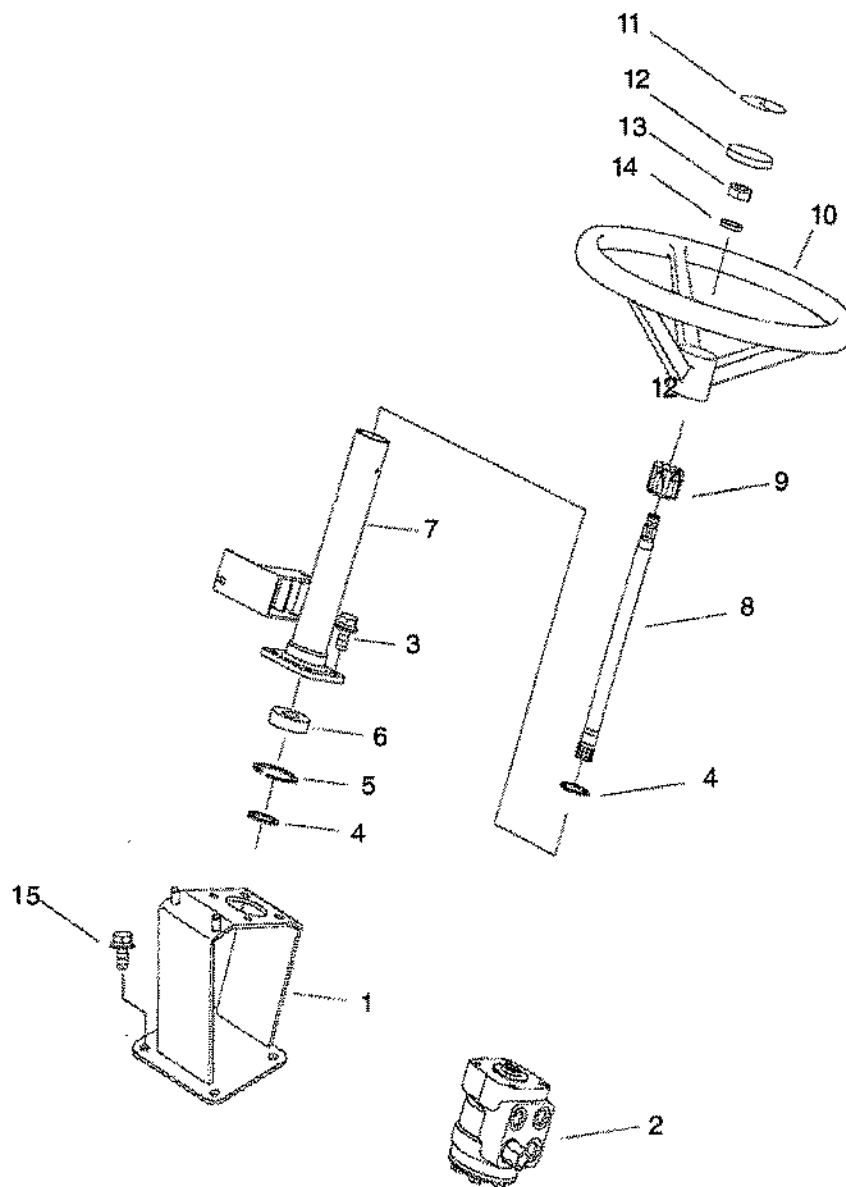
**270 DTC / 320 DTC**

**SECTION 13**

# ***STEERING SYSTEM***

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

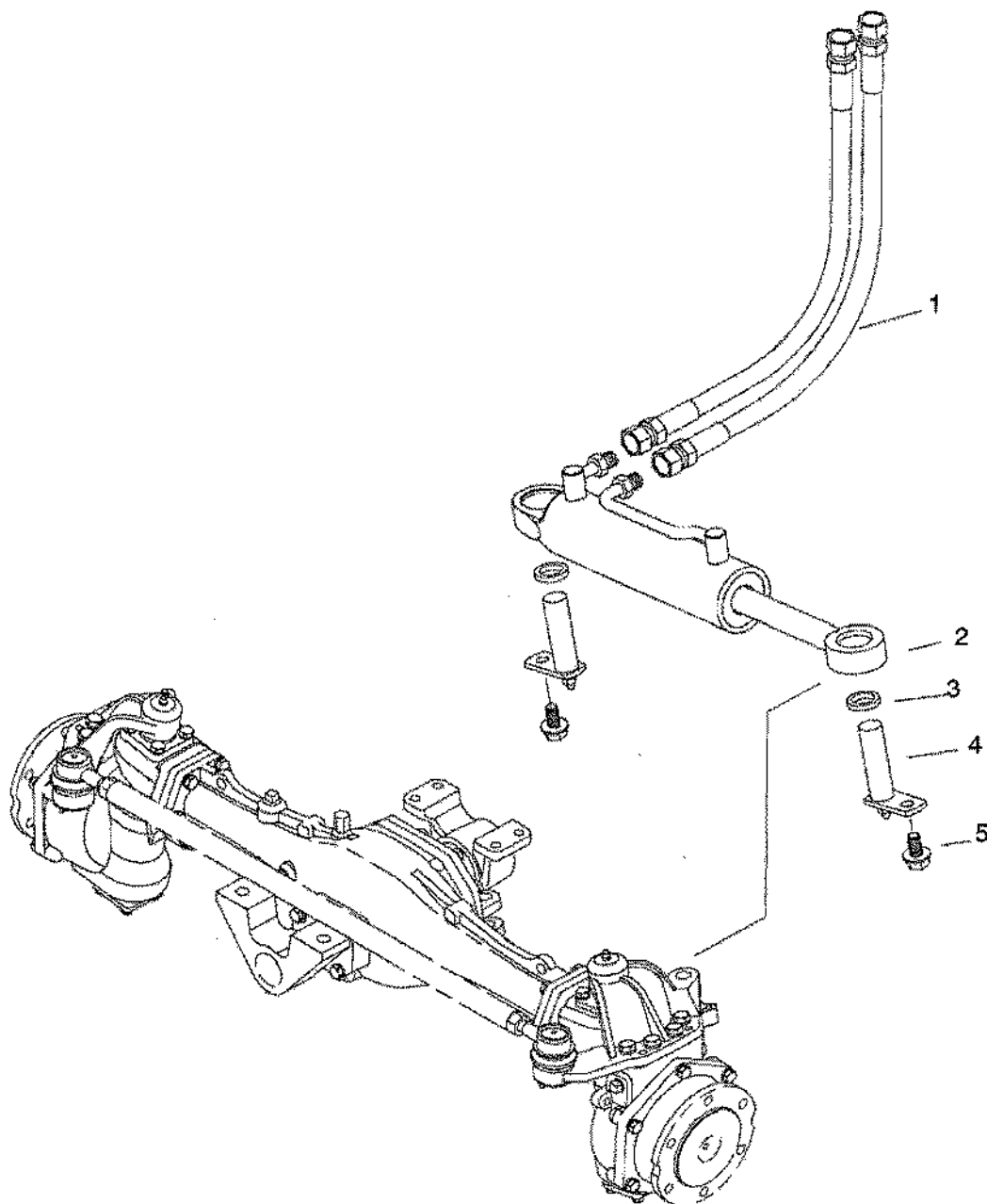
**270DTC / 320DTC****STEERING SYSTEM****STEERING COLUMN**

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****STEERING SYSTEM****STEERING COLUMN**

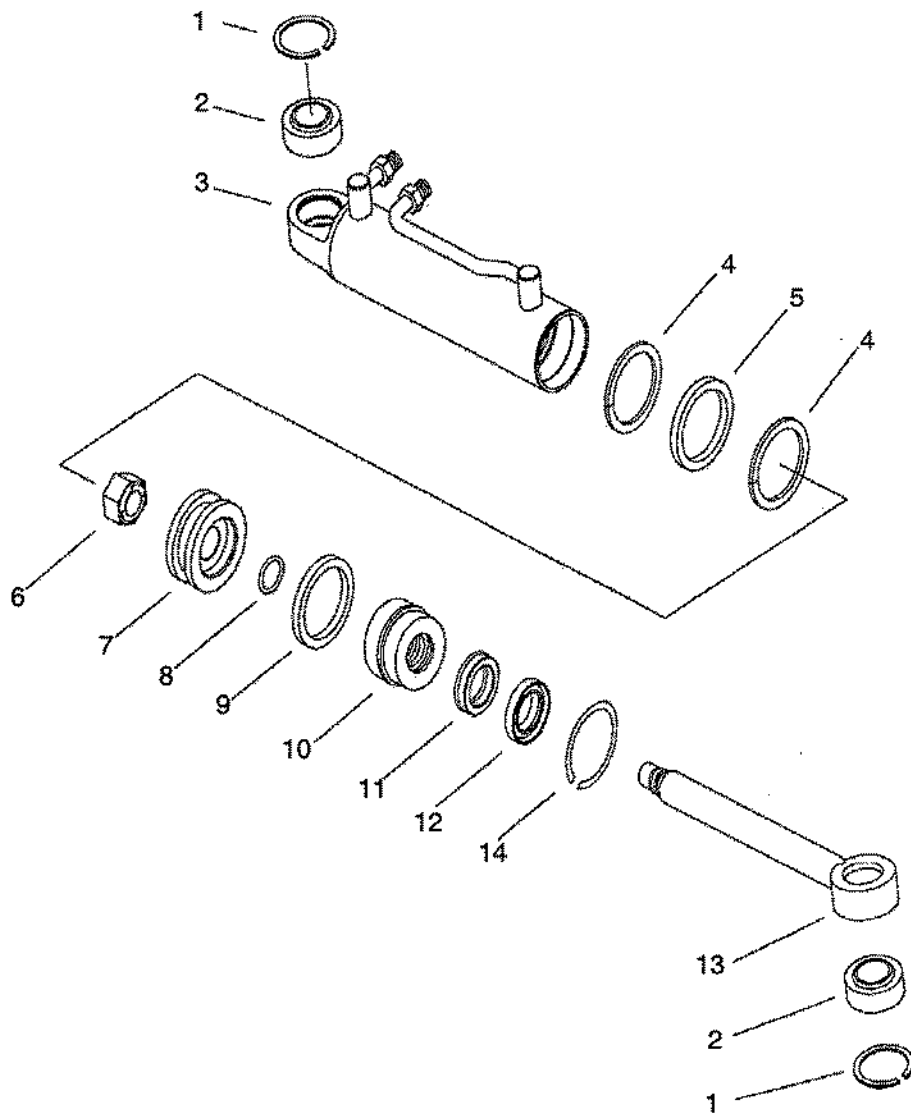
| ITEM No | PART No.  | DESCRIPTION                      | QTY.    |         |
|---------|-----------|----------------------------------|---------|---------|
|         |           |                                  | 270 DTC | 320 DTC |
| 1       | LG5308    | Support, Steering                | 1       | 1       |
| 2       | LG5309    | Steering Unit (62cc/rev)         | 1       | 1       |
| 3       | LG1863    | Bolt, Hex w/Washer (M10x1.25x25) | 4       | 4       |
| 4-9     | LG2281    | Steering Column Assembly         | 1       | 1       |
| 4       | N661216S  | Ring, Snap (20)                  | 2       | 2       |
| 5       | LG3363    | Ring, Snap (42)                  | 1       | 1       |
| 6       | LG3364    | Bearing (6004DD)                 | 1       | 1       |
| 7       | LG3365    | Column, Steering                 | 1       | 1       |
| 8       | LG3366    | Shaft, Steering (20)             | 1       | 1       |
| 9       | LG1405    | Seal, Steering                   | 1       | 1       |
| 10-12   | LG4162    | Padded Steering Wheel Assembly   | 1       | 1       |
| 10      | LG4160    | Steering Wheel-Padded            | 1       | 1       |
| 11      | LG3518    | Decal, LG Mark                   | 1       | 1       |
| 12      | LG4161    | Cap, Padded Steering Wheel       | 1       | 1       |
| 13      | 500327    | Nut, Hex (M14x1.5)               | 1       | 1       |
| 14      | N630187S8 | Washer, Spring (14.2x3.5)        | 1       | 1       |
| 15      | LG1862    | Bolt, Hex w/Washer (M10x1.25x20) | 4       | 4       |

**STEERING CYLINDER**

**270DTC / 320DTC****STEERING SYSTEM****STEERING CYLINDER**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG2287          | Hose, Steering Cylinder          | 2              | 2              |
| 2              | LG5298          | Steering Cylinder                | 1              | 1              |
| 3              | LG1475          | Spacer, Cylinder Pin (10x5)      | 2              | 2              |
| 4              | LG1314          | Pin Assembly, Cylinder           | 2              | 2              |
| 5              | LG1862          | Bolt, Hex w/Washer (M10x1.25x20) | 2              | 2              |

**STEERING CYLINDER ASSEMBLY**

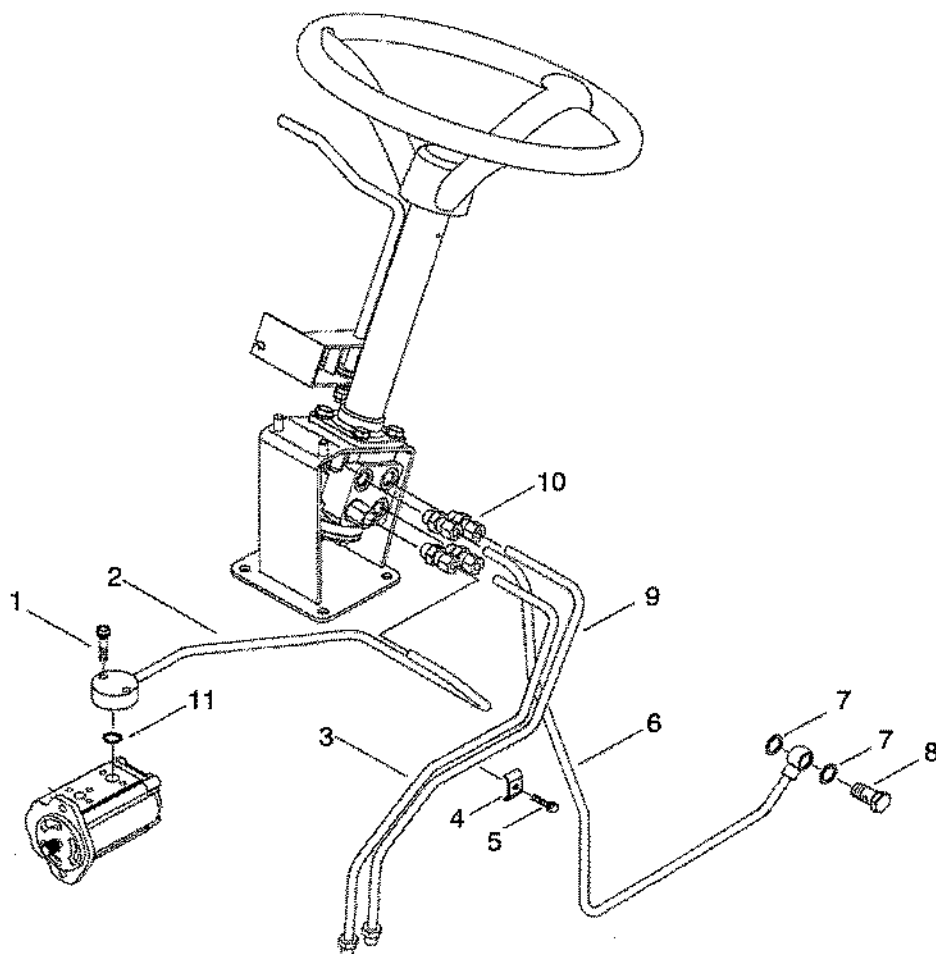


**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****STEERING SYSTEM****STEERING CYLINDER ASSEMBLY**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>        | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------|----------------|----------------|
|                |                 |                           | <b>270 DTC</b> | <b>320 DTC</b> |
| 1-14           | LG5298          | Steering Cylinder         | 1              | 1              |
| 1              | LG1948          | Ring, Snap                | 2              | 2              |
| 2              | LG3352          | Bushing, Ball             | 2              | 2              |
| 3              | LG5300          | Cylinder Assembly         | 1              | 1              |
| 4              | LG5301          | Ring, Backup              | 2              | 2              |
| 5              | LG5528          | O-Ring (38.7 x 3.5)       | 1              | 1              |
| 6              | LG5529          | Nut, Lock (M16 - 2.00)    | 1              | 1              |
| 7              | LG5302          | Piston                    | 1              | 1              |
| 8              | LG1272          | O-Ring                    | 1              | 1              |
| 9              | LG4120          | O-Ring                    | 1              | 1              |
| 10             | LG5303          | Sleeve, Steering Cylinder | 1              | 1              |
| 11             | LG5304          | U-Packing                 | 1              | 1              |
| 12             | LG5305          | Seal, Dust                | 1              | 1              |
| 13             | LG5306          | Rod, Steering Cylinder    | 1              | 1              |
| 14             | LG5307          | Ring, Wire                | 1              | 1              |



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****STEERING SYSTEM****STEERING PIPE LINE**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | N600422S8       | Bolt, Hex (M8x1.25x35)          | 2              | 2              |
| 2,10           | LG5310          | Pressure Pipe Assembly-Steering | 1              | 1              |
| 2              | LG5311          | Pipe, P/S Pressure              | 1              | 1              |
| 3,10           | LG5312          | Steering Pipe Assembly RH       | 1              | 1              |
| 3              | LG5313          | Pipe, P/S RH                    | 1              | 1              |
| 4              | LG5314          | Clamp, Hydraulic Pipe           | 1              | 1              |
| 5              | LG5530          | Bolt, Hex w/Washer (M6x1.0x30)  | 1              | 1              |
| 6,10           | LG5315          | Steering Drain Pipe Assembly    | 1              | 1              |
| 6              | LG5316          | Pipe Steering Drain             | 1              | 1              |
| 7              | LG3367          | Seal, Bonded (24x16.8x1.5)      | 2              | 2              |
| 8              | LG1708          | Bolt, Union                     | 1              | 1              |
| 9,10           | LG5317          | Steering Pipe Assembly LH       | 1              | 1              |
| 9              | LG5318          | Pipe, P/S LH                    | 1              | 1              |
| 10             | LG5531          | Joint (10-03G)                  | 4              | 4              |
| 11             | LG1275          | "O"-Ring (17.8x2.4)             | 1              | 1              |

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## NOTES

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**270 DTC / 320 DTC**

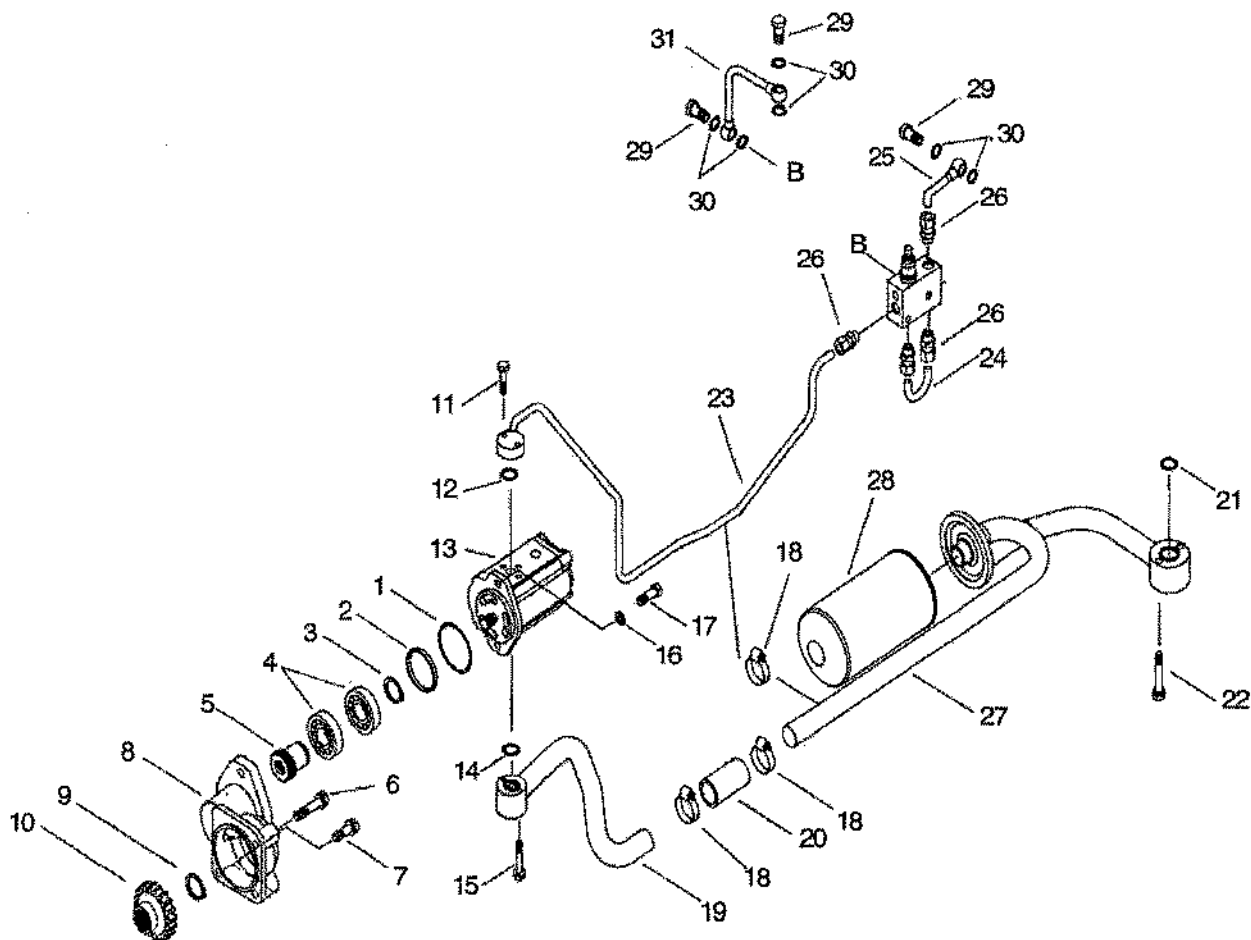
**SECTION 14**

# ***HYDRAULIC SYSTEM***



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC LINES**

**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC LINES**

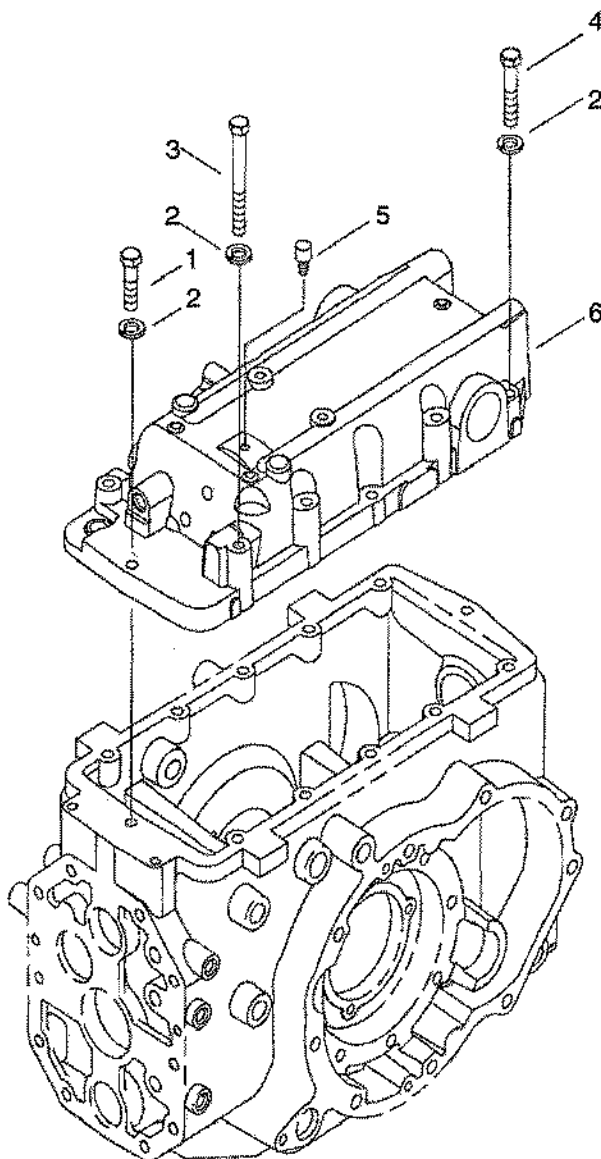
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG1289          | O-Ring (79.5x2.0)                | 1              | 1              |
| 2              | LG4407          | Spacer (60.5x5.5)                | 1              | 1              |
| 3              | N661225S        | Ring, Snap (30)                  | 1              | 1              |
| 4              | LG4408          | Bearing, Ball                    | 2              | 2              |
| 5              | LG4409          | Gear, Hyd. Pump Driven 22T       | 1              | 1              |
| 6              | LG5549          | Bolt, Hex w/Washer               | 2              | 2              |
| 7              | LG1904          | Bolt, Hex w/Washer               | 1              | 1              |
| 8              | LG4410          | Holder, Gear Pump                | 1              | 1              |
| 9              | N661221S        | Ring, Snap (25)                  | 1              | 1              |
| 10             | LG4411          | Gear, Hyd. Pump Driven 45T       | 1              | 1              |
| 11             | N600422S8       | Bolt, Hex w/Washer (M8x1.25x35)  | 2              | 2              |
| 12             | LG1275          | O-Ring (17.8x2.4)                | 1              | 1              |
| 13             | LG5338          | Pump, Hydraulic                  | 1              | 1              |
| 14             | LG4412          | O-Ring (23.5x2.0)                | 1              | 1              |
| 15             | LG5550          | Bolt, Hex w/Washer (M8x1.25x50)  | 2              | 2              |
| 16             | N630174S8       | Washer, Spring                   | 2              | 2              |
| 17             | LG3647          | Bolt                             | 2              | 2              |
| 18             | LG4940          | Clamp, Hose                      | 3              | 3              |
| 19             | LG5340          | Pipe, Front (Suction)            | 1              | 1              |
| 20             | LG5341          | Hose, Pipe                       | 1              | 1              |
| 21             | LG5551          | O-Ring (25.5x2.0)                | 1              | 1              |
| 22             | LG3670          | Bolt, Hex w/Washer (M10x1.25x60) | 2              | 2              |
| 23,26          | LG5342          | Front Pressure Pipe Assembly     | 1              | 1              |
| 23             | LG5343          | Pipe, Front (Suction)            | 1              | 1              |
| 24,26          | LG5344          | Connection Pipe Assembly         | 1              | 1              |
| 24             | LG5345          | Pipe, Connection                 | 1              | 1              |
| 25,26          | LG5346          | Rear Pressure Pipe Assembly      | 1              | 1              |
| 25             | LG5347          | Pipe, Rear (Pressure)            | 1              | 1              |
| 26             | LG1195          | Joint                            | 4              | 4              |
| 27             | LG5348          | Pipe, Rear (Suction)             | 1              | 1              |
| 28             | LG1097          | Filter, Hydraulic                | 1              | 1              |
| 29             | LG1708          | Bolt, Union (3/8)                | 3              | 3              |
| 30             | LG3367          | Seal, Bonded (24x16.8x1.5)       | 6              | 6              |
| 31             | LG5349          | Pipe, Drain                      | 1              | 1              |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC LIFT HOUSING**

| ITEM NO. | PART NO.  | DESCRIPTION               | QTY.    |         |
|----------|-----------|---------------------------|---------|---------|
|          |           |                           | 270 DTC | 320 DTC |
| 1        | N600414S8 | Bolt, Hex (M12.x1.75x45)  | 5       | 5       |
| 2        | N630175S8 | Washer, (M12x21.5x12.2x3) | 12      | 12      |
| 3        | LG1939    | Bolt, Hex (M12x1.75x85)   | 3       | 3       |
| 4        | N600417S8 | Bolt, Hex (M12x1.75x60)   | 4       | 4       |
| 5        | LG1002    | Breather, Air             | 1       | 1       |
| 6        | LG5330    | Hydraulic Housing         | 1       | 1       |

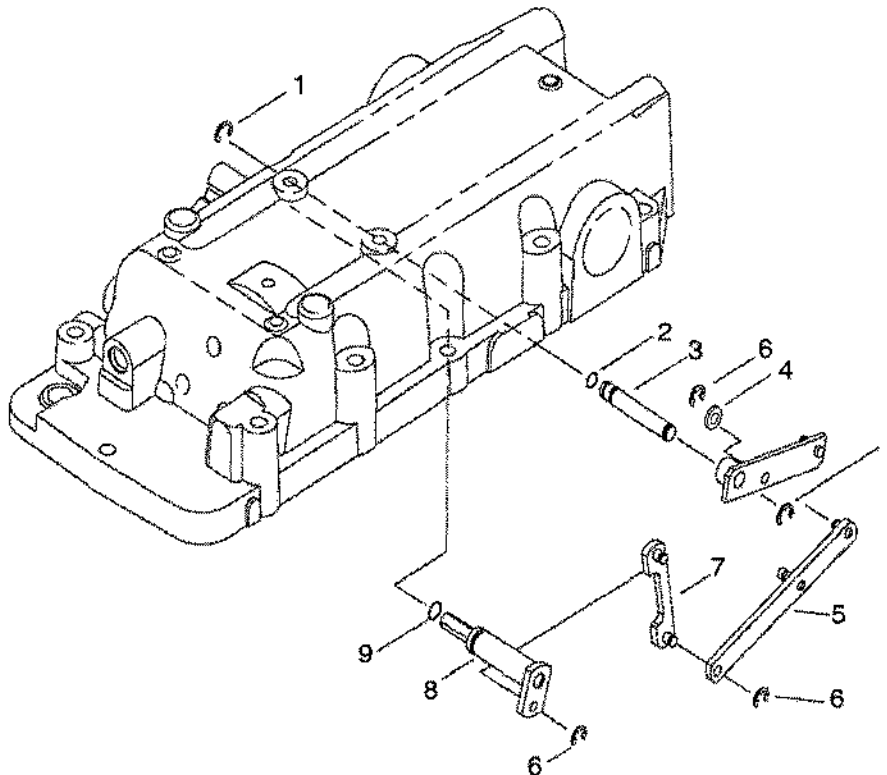


**FARMTRAC**

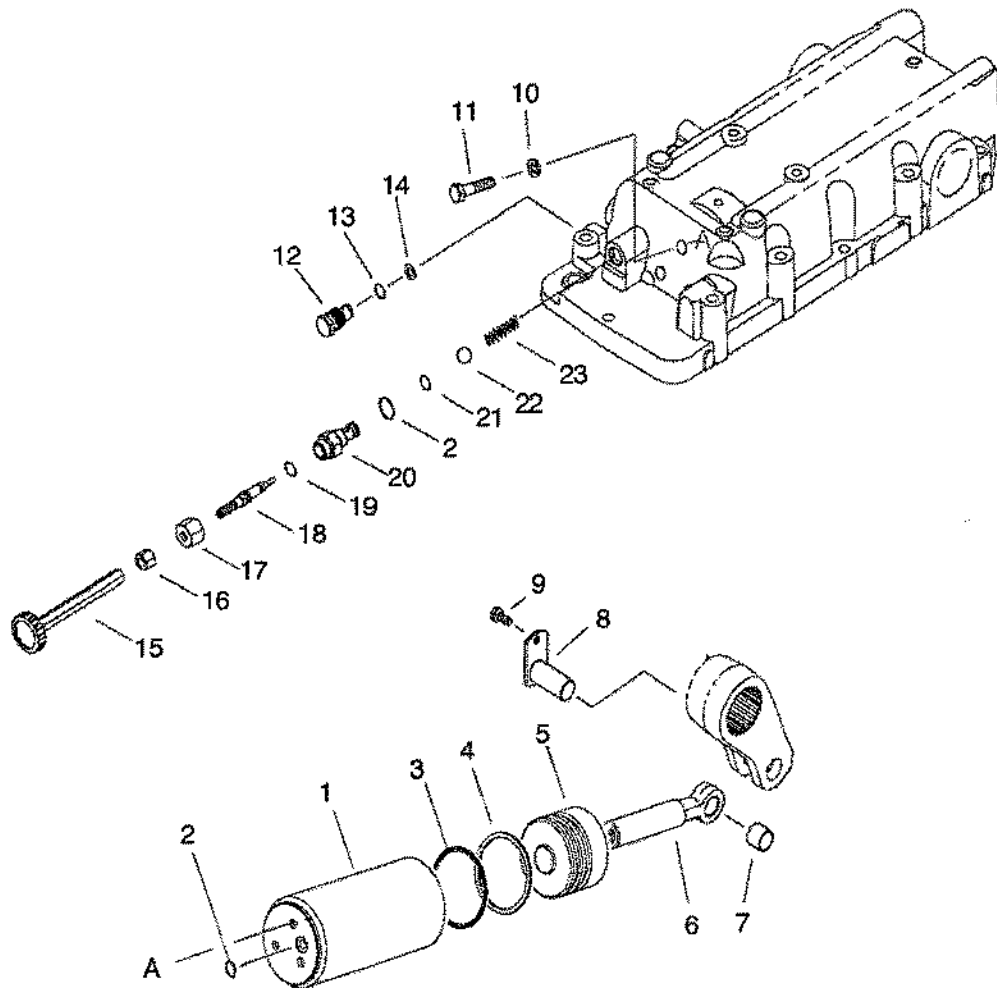
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC LINKAGE**

| ITEM No | PART No.  | DESCRIPTION                      | QTY.    |         |
|---------|-----------|----------------------------------|---------|---------|
|         |           |                                  | 270 DTC | 320 DTC |
| 1       | LG1875    | Ring, Snap (9)                   | 2       | 2       |
| 2       | LG1270    | O-Ring (8.8x1.9)                 | 1       | 1       |
| 3       | LG5350    | Shaft, Link Support              | 1       | 1       |
| 4       | N630068S8 | Washer, Plain F-Rd. (17x8.4x1.6) | 1       | 1       |
| 5       | LG2367    | Link, Position                   | 1       | 1       |
| 6       | LG1873    | Ring, Snap (6)                   | 3       | 3       |
| 7       | LG1252    | Link                             | 1       | 1       |
| 8       | LG5351    | Shaft, Position                  | 1       | 1       |
| 9       | LG1293    | O-Ring (15.8x2.4)                | 1       | 1       |



## HYDRAULIC CYLINDER



**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC CYLINDER**

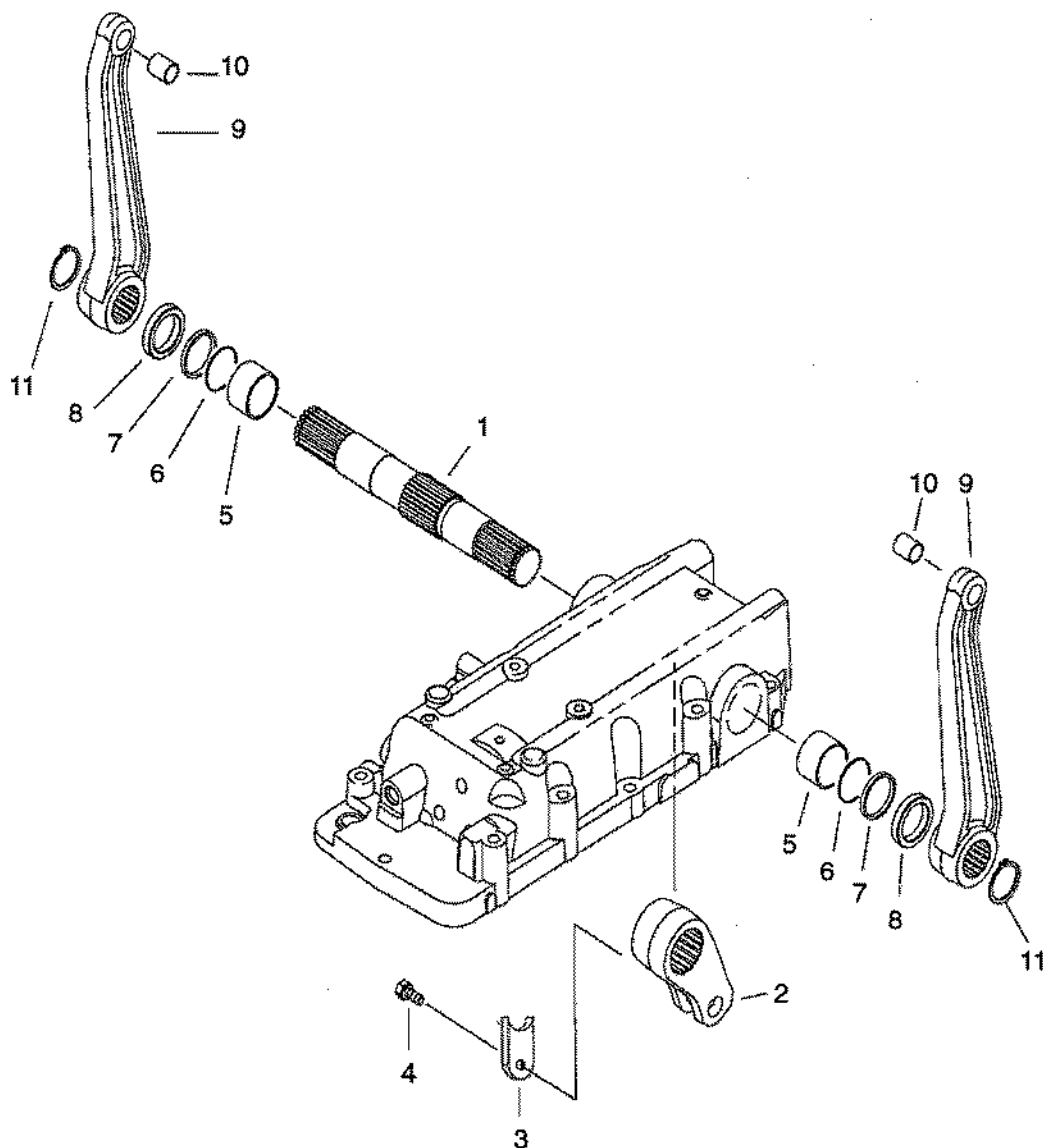
| ITEM NO | PART NO.  | DESCRIPTION             | QTY.    |         |
|---------|-----------|-------------------------|---------|---------|
|         |           |                         | 270 DTC | 320 DTC |
| 1       | LG5357    | Cylinder, Hydraulic     | 1       | 1       |
| 2       | LG1273    | O-Ring (13.8x2.4)       | 2       | 2       |
| 3       | LG5552    | O-Ring (71x5.7)         | 2       | 2       |
| 4       | LG5358    | Ring, Backup (70x60x3)  | 2       | 2       |
| 5       | LG5359    | Piston, Hydraulic       | 1       | 1       |
| 6       | LG1390    | Rod, Piston             | 1       | 1       |
| 7       | LG1010    | Bushing (22x25x20)      | 1       | 1       |
| 8       | LG1318    | Pin, Hydraulic          | 1       | 1       |
| 9       | LG1968    | Bolt, Hex (M8x1.25x16)  | 1       | 1       |
| 10      | N630175S8 | Washer, Lock (M12)      | 3       | 3       |
| 11      | LG1965    | Bolt, Hex (M12x1.25x50) | 3       | 3       |
| 12      | LG2379    | Valve, Safety           | 1       | 1       |
| 13      | LG1275    | O-Ring (17.8x2.4)       | 1       | 1       |
| 14      | LG1404    | Seal (18x10.5x1)        | 1       | 1       |
| 15      | LG5360    | Knob                    | 1       | 1       |
| 16      | LG1890    | Nut, Flange (M8x1.25)   | 1       | 1       |
| 17-22   | LG2382    | Flow Regulator          | 1       | 1       |
| 17      | LG1966    | Nut, Hex (M8x1.25)      | 1       | 1       |
| 18      | LG1967    | Screw, Adjusting        | 1       | 1       |
| 19      | LG2499    | O-Ring (5.8x1.9)        | 1       | 1       |
| 20      | LG2383    | Body, Regulator         | 1       | 1       |
| 21      | LG1728    | O-Ring (9.8x1.9)        | 1       | 1       |
| 22      | LG2476    | Ball, Steel (3/8)       | 1       | 1       |
| 23      | LG2381    | Spring                  | 1       | 1       |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC LIFT ARMS**

| ITEM NO. | PART NO. | DESCRIPTION                     | QTY.    |         |
|----------|----------|---------------------------------|---------|---------|
|          |          |                                 | 270 DTC | 320 DTC |
| 1        | LG1426   | Shaft, Hydraulic Lift           | 1       | 1       |
| 2        | LG1704   | Arm, Power                      | 1       | 1       |
| 3        | LG1359   | Plate, Lock                     | 1       | 1       |
| 4        | LG1860   | Bolt, Hex w/Washer (M8x1.25x16) | 1       | 1       |
| 5        | LG1009   | Bushing                         | 2       | 2       |
| 6        | LG1279   | O-Ring (44.1x3.1)               | 2       | 2       |
| 7        | LG1052   | Collar (45x50x5)                | 2       | 2       |
| 8        | LG5553   | Spacer                          | 2       | 2       |
| 9        | LG5331   | Arm, Lift                       | 2       | 2       |
| 10       | LG2012   | Bushing                         | 2       | 2       |
| 11       | N66123S8 | Ring, Snap (38.5)               | 2       | 2       |

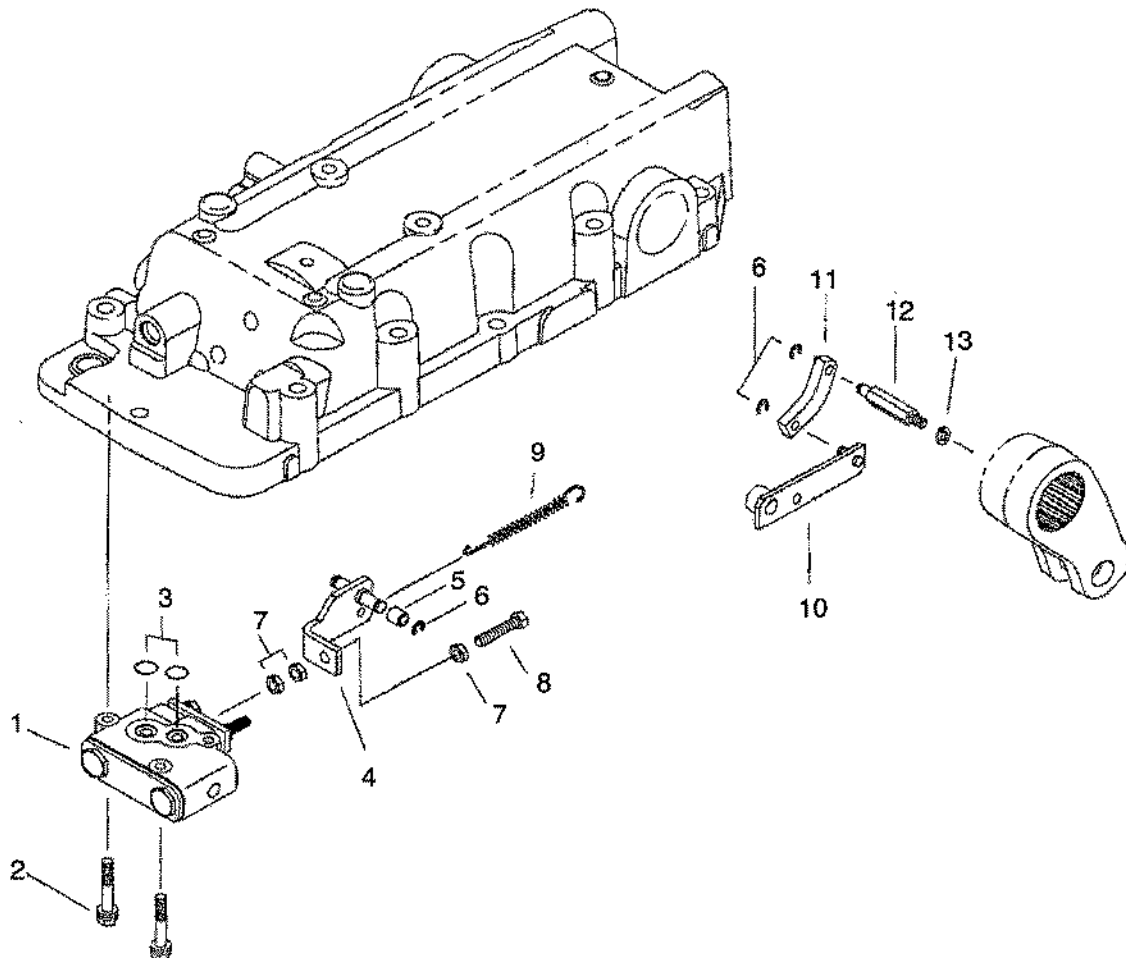


**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****HYDRAULIC SYSTEM****CONTROL VALVE AND LINK**

| ITEM NO | PART NO.  | DESCRIPTION                     | QTY.    |         |
|---------|-----------|---------------------------------|---------|---------|
|         |           |                                 | 270 DTC | 320 DTC |
| 1       | LG5332    | Valve, Control                  | 1       | 1       |
| 2       | LG1954    | Bolt, Hex w/Washer (M8x1.25x50) | 3       | 3       |
| 3       | LG1271    | O-Ring (11.8x2.4)               | 2       | 2       |
| 4-6     | LG5333    | Clevis Assembly                 | 1       | 1       |
| 4       | LG1955    | Clevis                          | 1       | 1       |
| 5       | LG5334    | Roller (12x8x12.5)              | 1       | 1       |
| 6       | LG1873    | Ring, Snap (6)                  | 3       | 3       |
| 7       | N6200135S | Nut, Hex (M8x1.25)              | 3       | 3       |
| 8       | 500347    | Bolt, Hex (M8x1.25x50)          | 1       | 1       |
| 9       | LG4165    | Spring                          | 1       | 1       |
| 10      | LG2369    | Link                            | 1       | 1       |
| 11      | LG2013    | Link                            | 1       | 1       |
| 12      | LG1956    | Pin                             | 1       | 1       |
| 13      | N630173S8 | Washer, Lock (M8)               | 1       | 1       |



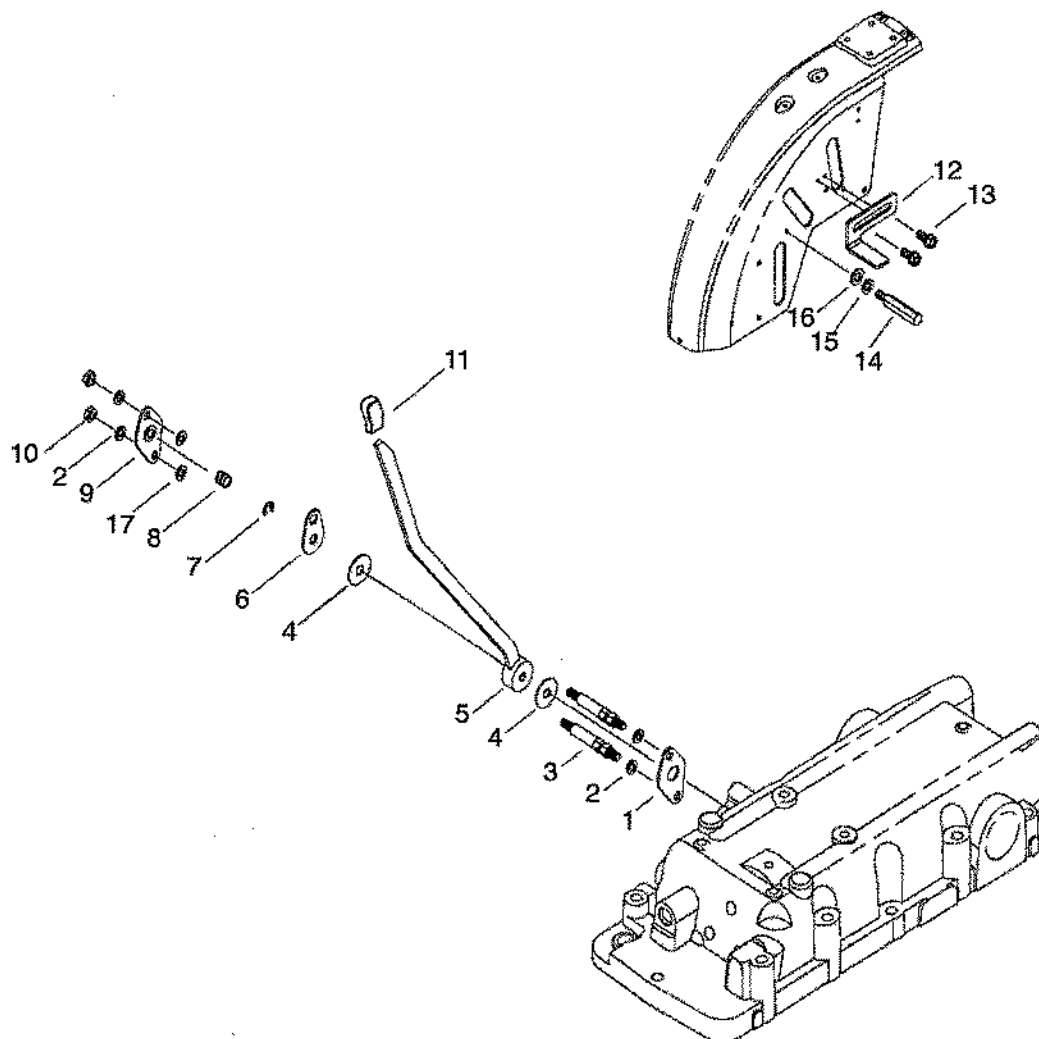
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC**

**HYDRAULIC SYSTEM**

**HYDRAULIC CONTROL LEVER**



**270DTC / 320DTC****HYDRAULIC SYSTEM****HYDRAULIC CONTROL LEVER**

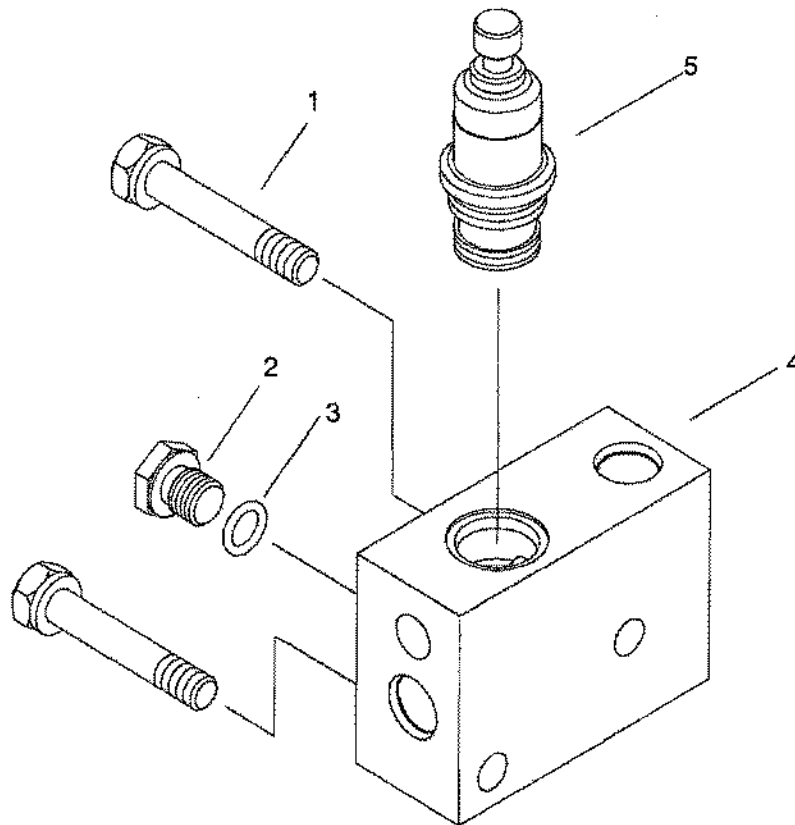
| <b>ITEM NO</b> | <b>PART NO.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG1057          | Cover                           | 1              | 1              |
| 2              | N630174S8       | Washer, Lock (M10)              | 4              | 4              |
| 3              | LG5352          | Support, Lever                  | 2              | 2              |
| 4              | LG2372          | Plate, Friction                 | 1              | 1              |
| 5              | LG5353          | Lever, Position Control         | 1              | 1              |
| 6              | LG5355          | Plate, Locking                  | 1              | 1              |
| 7              | N661208S        | Ring, Snap (12)                 | 1              | 1              |
| 8              | LG3957          | Spring                          | 1              | 1              |
| 9              | LG2373          | Cover, Spring                   | 1              | 1              |
| 10             | 500307          | Nut, Hex (M10x1.25)             | 2              | 2              |
| 11             | LG3327          | Knob                            | 1              | 1              |
| 12             | LG5354          | Stopper, Lever (Upper)          | 1              | 1              |
| 13             | LG1971          | Bolt, Hex w/Washer (M8x1.25x16) | 2              | 2              |
| 14             | LG5356          | Stopper, Lever (Lower)          | 1              | 1              |
| 15             | N630173S8       | Washer, Lock (M8)               | 1              | 1              |
| 16             | N630068S8       | Washer, Flat (M8)               | 1              | 1              |
| 17             | LG5568          | Shim                            | AR             | AR             |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****HYDRAULIC SYSTEM****RELIEF VALVE**

| ITEM No. | PART No. | DESCRIPTION                      | QTY.    |         |
|----------|----------|----------------------------------|---------|---------|
|          |          |                                  | 270 DTC | 320 DTC |
| 1        | LG3670   | Bolt, Hex w/Washer (M10x1.25x60) | 2       | 2       |
| 2-5      | LG5335   | Relief Valve Assembly            | 1       | 1       |
| 2        | LG4392   | Plug (1/4)                       | 1       | 1       |
| 3        | LG1486   | O-Ring (10.8x2.4)                | 1       | 1       |
| 4        | LG5336   | Block, Relief Vavle              | 1       | 1       |
| 5        | LG5337   | Relief Valve                     | 1       | 1       |



270 DTC / 320 DTC

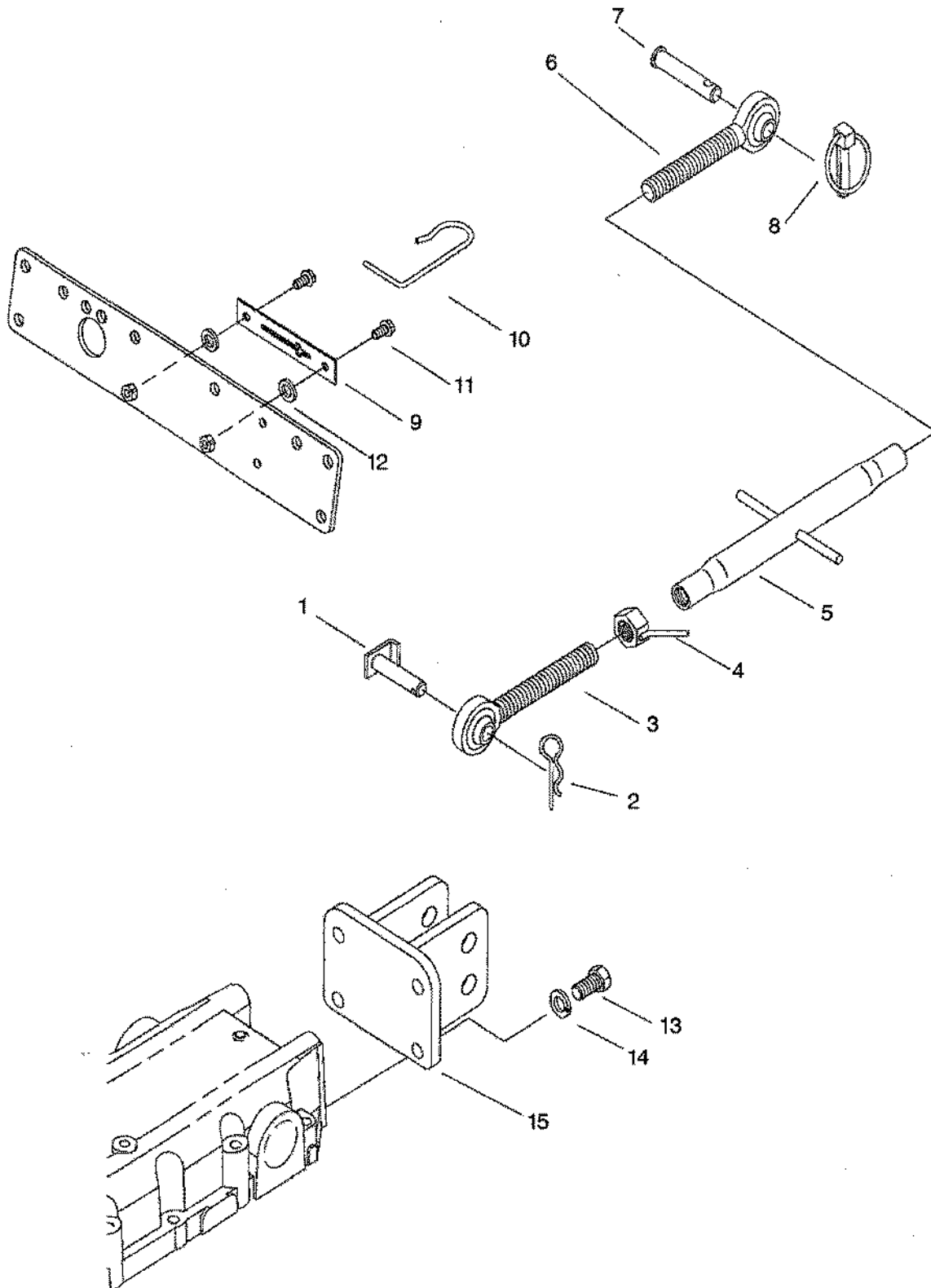
SECTION 15

# ***THREE POINT HITCH***



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****THREE POINT HITCH****UPPER LINK**

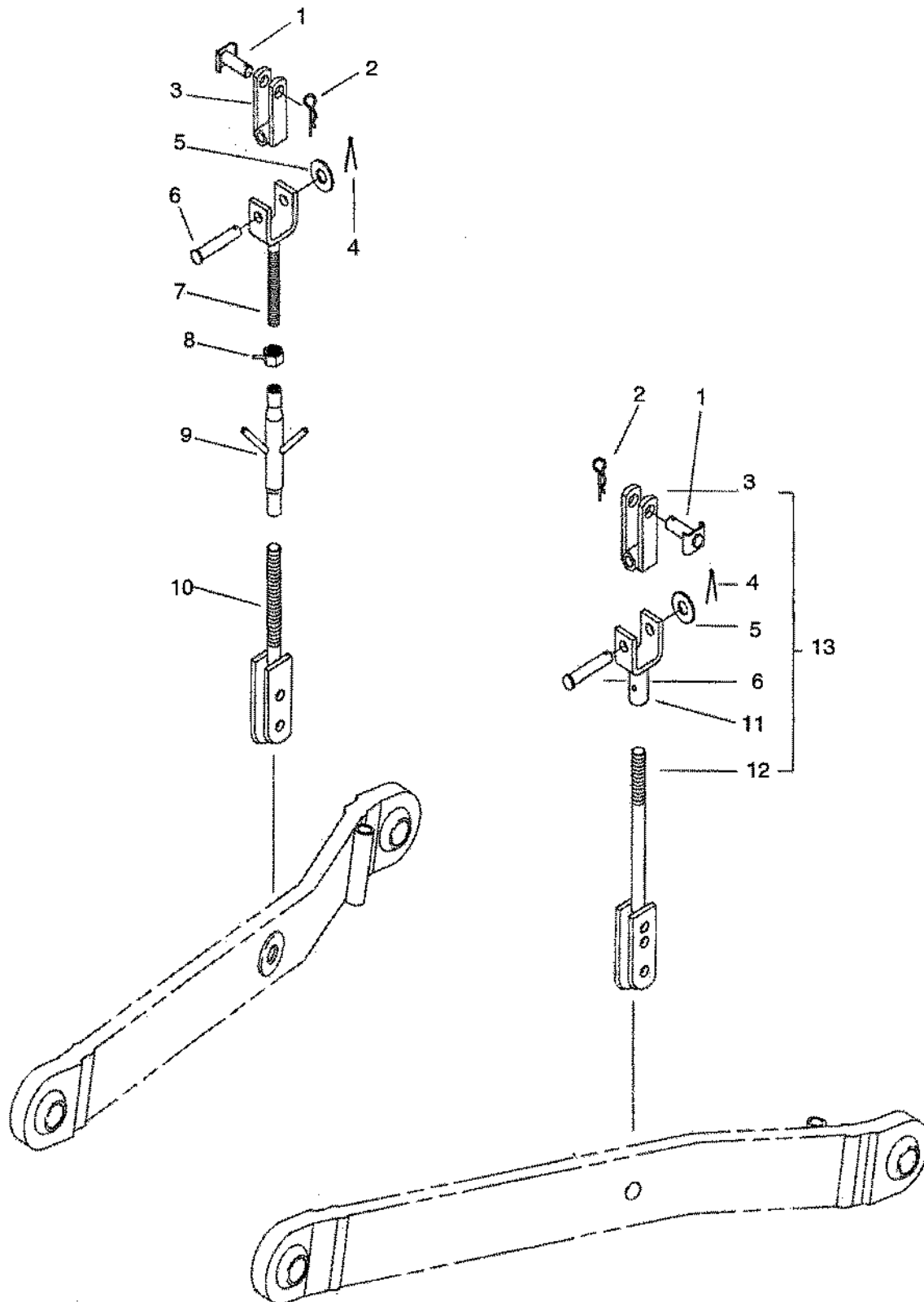
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****THREE POINT HITCH****UPPER LINK**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG1326          | Pin, Top Link Front             | 1              | 1              |
| 2              | LG1991          | Pin, Hair                       | 3              | 3              |
| 3-8            | LG5363          | Top Link w/Pin Assembly         | 1              | 1              |
| 3-6            | LG3444          | Link Assembly                   | 1              | 1              |
| 3              | LG3445          | End, Top Link (Front)           | 1              | 1              |
| 4              | LG1993          | Nut, Lock                       | 1              | 1              |
| 5              | LG3446          | Turn Buckle                     | 1              | 1              |
| 6              | LG3447          | End, Top Link (Rear)            | 1              | 1              |
| 7              | LG1994          | Pin, Top Link                   | 1              | 1              |
| 8              | LG1320          | Pin, Link                       | 1              | 1              |
| 9              | LG4951          | Bracket, Hook                   | 1              | 1              |
| 10             | LG3449          | Hook, Top Link                  | 1              | 1              |
| 11             | LG1896          | Bolt, Hex w/Washer (M8x1.25x35) | 2              | 2              |
| 12             | LG3450          | Spacer, Grill                   | 2              | 2              |
| 13             | 500179S8        | Bolt, Hex (M14x2.0x35)          | 4              | 4              |
| 14             | N630187S8       | Washer, Lock (M14)              | 4              | 4              |
| 15             | LG5554          | Bracket, Top Link               | 1              | 1              |

LIFT ROD



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****THREE POINT HITCH****LIFT ROD**

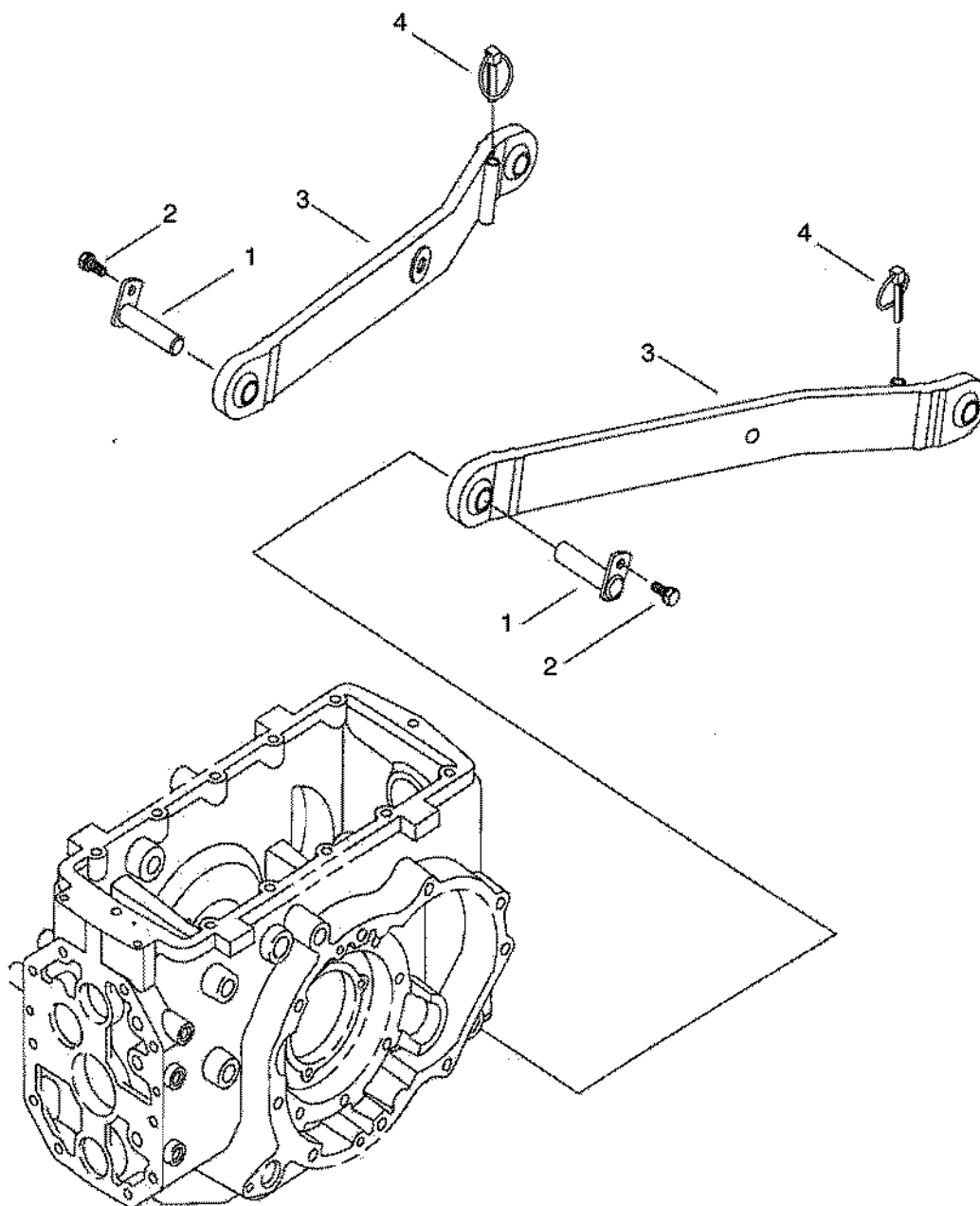
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>     | <b>QTY.</b>    |                |
|----------------|-----------------|------------------------|----------------|----------------|
|                |                 |                        | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG1995          | Pin, Lift Rod          | 2              | 2              |
| 2              | LG1991          | Pin, Hair              | 2              | 2              |
| 3-10           | LG5366          | Lift Rod Assembly (RH) | 1              | 1              |
| 3              | LG3567          | Joint, Lift Rod        | 2              | 2              |
| 4              | N642591S8       | Pin, Split             | 2              | 2              |
| 5              | N630072S8       | Washer, Flat (M16)     | 2              | 2              |
| 6              | LG5368          | Pin, Lift Rod          | 2              | 2              |
| 7              | LG5369          | Rod, Upper Lift        | 1              | 1              |
| 8              | LG5555          | Nut                    | 1              | 1              |
| 9              | LG5370          | Turn Buckle            | 1              | 1              |
| 10             | LG5371          | Rod, Lower Lift        | 1              | 1              |
| 11             | LG5372          | Rod, Upper Lift        | 1              | 1              |
| 12             | LG5374          | Rod, Lower Lift        | 1              | 1              |
| 13             | LG5373          | Lift Rod Assembly (LH) | 1              | 1              |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****THREE POINT HITCH****LOWER LINK**

| ITEM NO. | PART NO. | DESCRIPTION                      | QTY.    |         |
|----------|----------|----------------------------------|---------|---------|
|          |          |                                  | 270 DTC | 320 DTC |
| 1        | LG5364   | Pin, Lower Link                  | 2       | 2       |
| 2        | LG1863   | Bolt, Hex w/Washer (M10x1.25x25) | 2       | 2       |
| 3        | LG5365   | Lower Link Assembly              | 2       | 2       |
| 4        | LG1320   | Pin, Link                        | 2       | 2       |

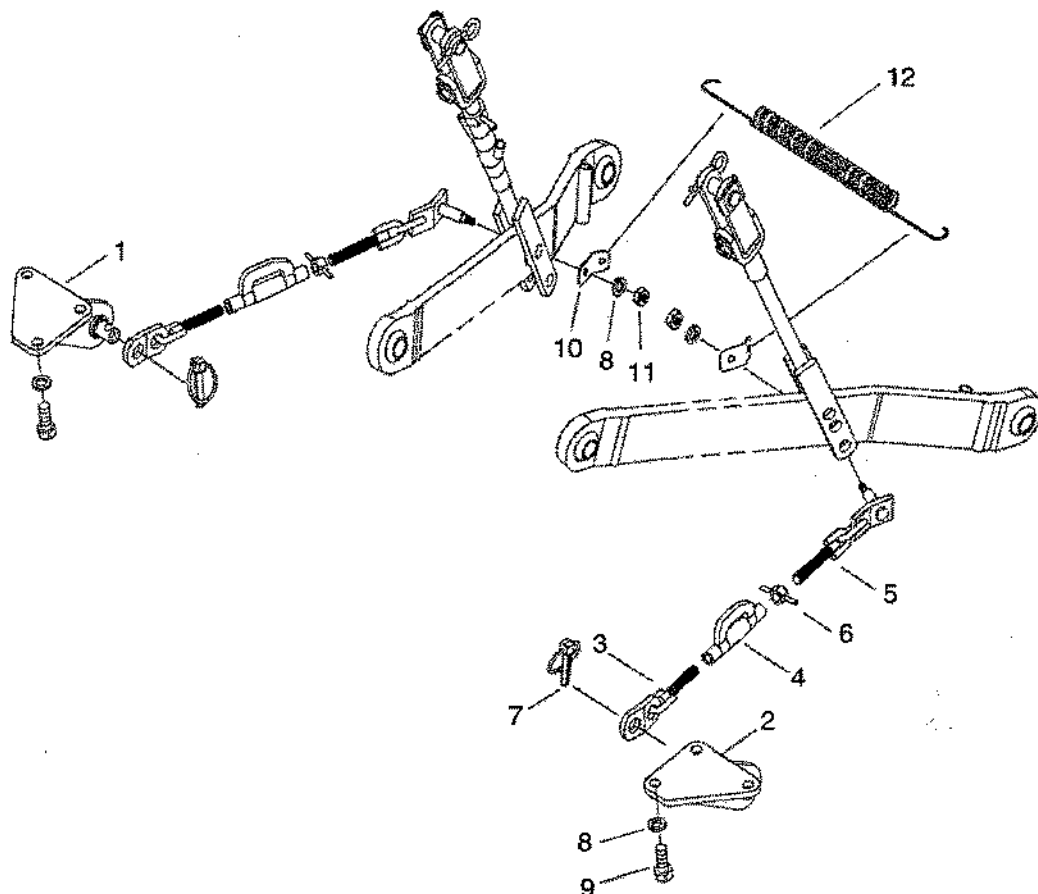


**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****THREE POINT HITCH****CHECK CHAINS**

| ITEM NO | PART NO.  | DESCRIPTION             | QTY.    |         |
|---------|-----------|-------------------------|---------|---------|
|         |           |                         | 270 DTC | 320 DTC |
| 1       | LG5532    | Bracket, Check (RH)     | 1       | 1       |
| 2       | LG5533    | Bracket, Check (LH)     | 1       | 1       |
| 3-6     | LG5375    | Check Chain Assembly    | 2       | 2       |
| 3       | LG3461    | Chain, Front            | 2       | 2       |
| 4       | LG5376    | Turn Buckle             | 2       | 2       |
| 5       | LG5377    | Chain, Rear             | 2       | 2       |
| 6       | LG2000    | Nut, Lock (M14x1.5(LH)) | 2       | 2       |
| 7       | LG1320    | Pin, Link               | 2       | 2       |
| 8       | N630189S8 | Washer, Lock (M14)      | 8       | 8       |
| 9       | 500179S8  | Bolt, Hex (M14x2.0x35)  | 6       | 6       |
| 10      | LG2460    | Bracket, Spring         | 2       | 2       |
| 11      | 500327    | Nut, Hex (M14x1.25)     | 2       | 2       |
| 12      | LG5378    | Spring, Lower Link      | 1       | 1       |



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## NOTES

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270 DTC / 320 DTC

SECTION 16

# ***POWER TAKE-OFF***

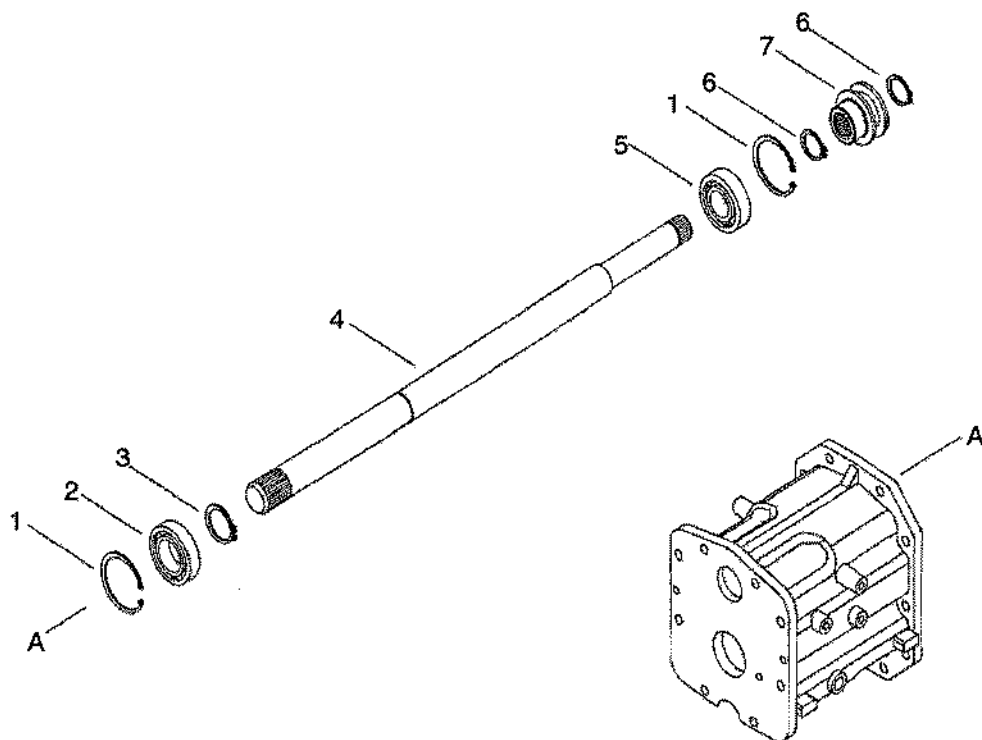




270DTC / 320DTC

POWER TAKE OFF

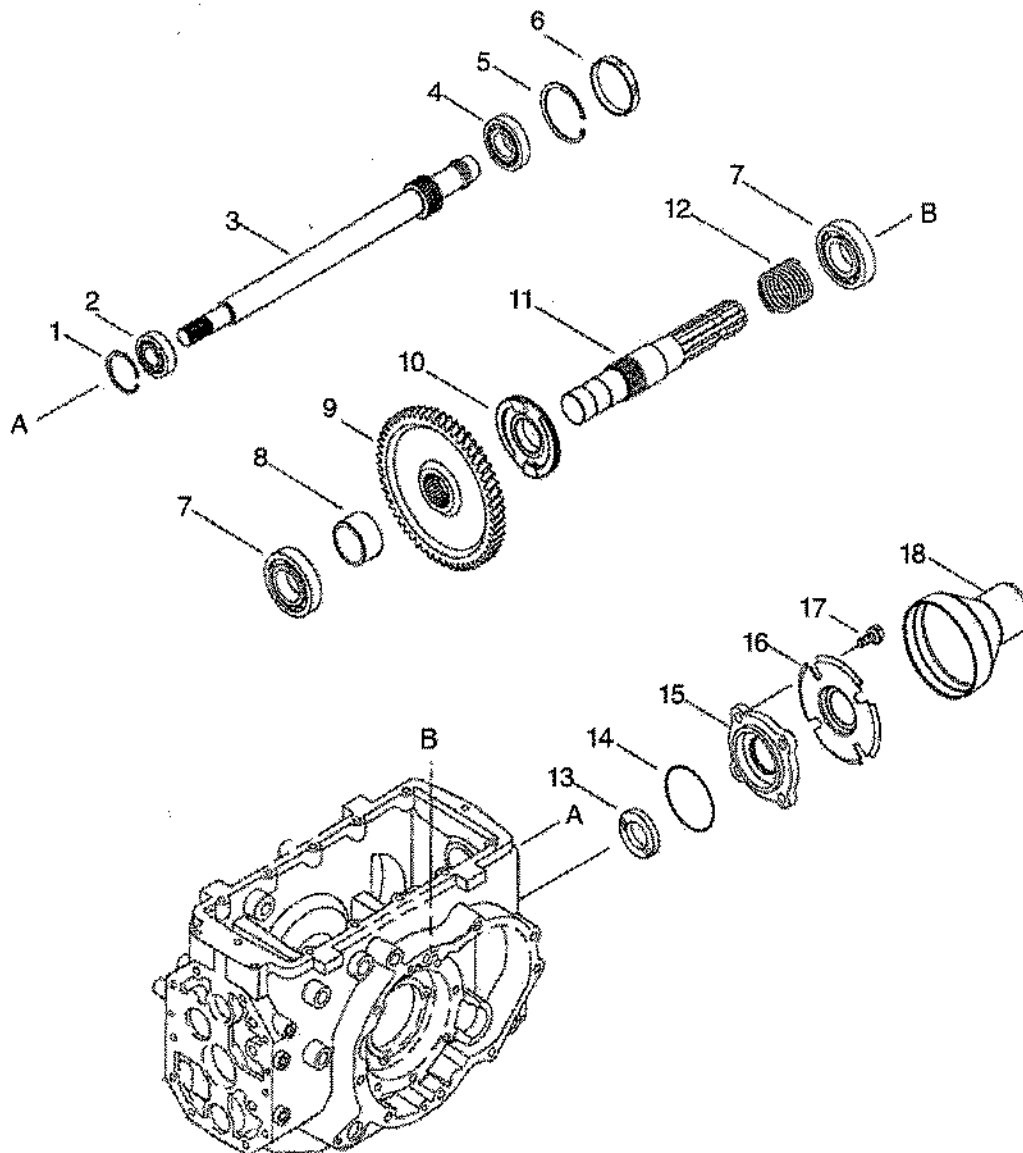
PTO SHAFT



**270DTC / 320DTC****POWER TAKE OFF****PTO SHAFT**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>       | <b>QTY.</b>    |                |
|----------------|-----------------|--------------------------|----------------|----------------|
|                |                 |                          | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | N660242S        | Ring, Snap (C) H. (50.5) | 2              | 2              |
| 2              | LG2047          | Bearing, Ball            | 1              | 1              |
| 3              | N661221S        | Ring, Snap (23.2)        | 1              | 1              |
| 4              | LG5158          | Shaft, PTO Connect       | 1              | 1              |
| 5              | LG1716          | Bearing, Ball            | 1              | 1              |
| 6              | N661216S        | Ring, Snap (18.5)        | 2              | 2              |
| 7              | LG5159          | Selector, PTO            | 1              | 1              |

**PTO DRIVE SHAFT**



**270DTC / 320DTC****POWER TAKE OFF****PTO DRIVE SHAFT**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | N660242S        | Ring, Snap (50.5)               | 1              | 1              |
| 2              | LG1716          | Bearing, Ball                   | 1              | 1              |
| 3              | LG5166          | Shaft, PTO Drive w/Gear 17T.    | 1              | 1              |
| 4              | LG5167          | Bearing, Ball                   | 1              | 1              |
| 5              | N660250S        | Ring, Snap (66.2)               | 1              | 1              |
| 6              | LG1028          | Cap, Rubber                     | 1              | 1              |
| 7              | LG1720          | Bearing, Ball                   | 2              | 2              |
| 8              | LG5573          | Spacer                          | 1              | 1              |
| 9              | LG5168          | Gear, PTO Driven 79T            | 1              | 1              |
| 10             | LG5169          | Cam, ORC                        | 1              | 1              |
| 11             | LG5170          | Shaft, PTO                      | 1              | 1              |
| 12             | LG5574          | Spring                          | 1              | 1              |
| 13             | LG5171          | Seal, Oil (35x52x9)             | 1              | 1              |
| 14             | LG1301          | O-Ring (69.5x2.0)               | 1              | 1              |
| 15             | LG5172          | Cover, PTO Shaft                | 1              | 1              |
| 16             | LG5173          | Guide                           | 1              | 1              |
| 17             | LG1863          | Bolt, Hex w/Washer (10x1.25x25) | 4              | 4              |
| 18             | LG5174          | Cover, Safety                   | 1              | 1              |

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## NOTES

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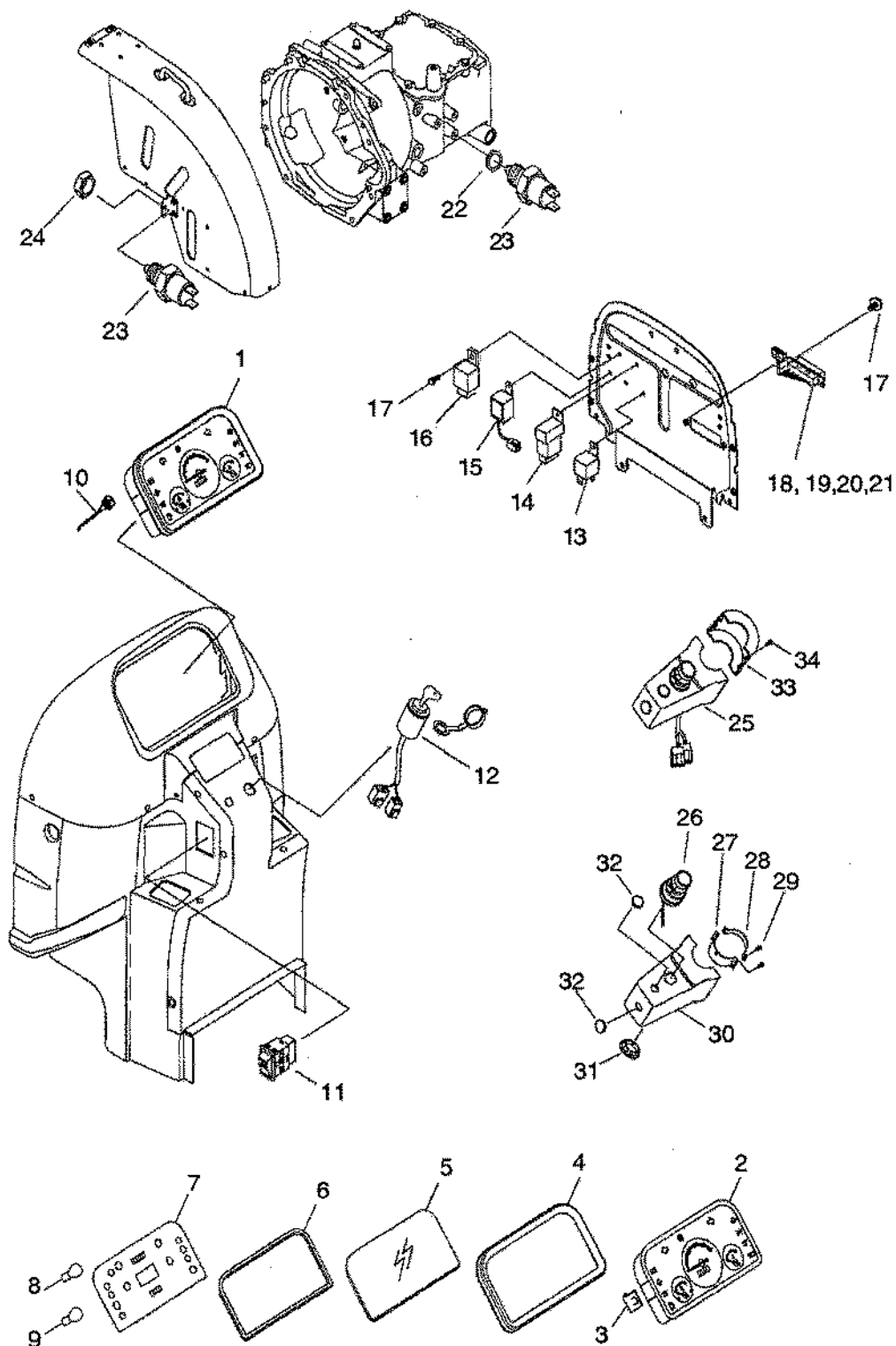
**270 DTC / 320 DTC**

**SECTION 17**

# ***ELECTRICAL SYSTEM***



## INSTRUMENT PANEL

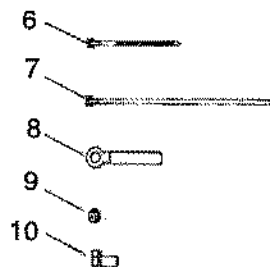
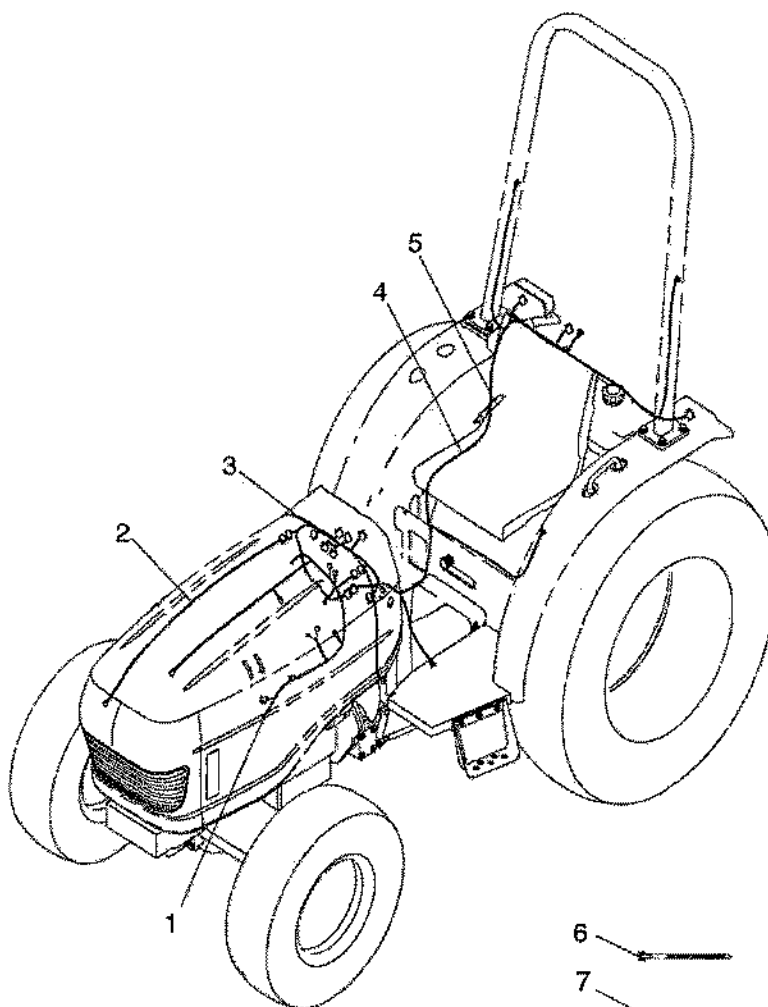


**270DTC / 320DTC****ELECTRICAL SYSTEM****INSTRUMENT PANEL**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>             | <b>QTY.</b>    |                |
|----------------|-----------------|--------------------------------|----------------|----------------|
|                |                 |                                | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG4375          | Instrument Panel Assembly      | 1              | 1              |
| 2              | LG4376          | Meter Panel Assembly           | 1              | 1              |
| 3              | LG4098          | Bracket, Panel                 | 2              | 2              |
| 4              | LG4099          | Hood, Panel                    | 1              | 1              |
| 5              | LG4100          | Window, Glass Panel            | 1              | 1              |
| 6              | LG4101          | Packing, Panel                 | 1              | 1              |
| 7              | LG4102          | PCB, Circuit Plate             | 1              | 1              |
| 8              | LG3378          | Bulb (12V, 1.4W)               | 6              | 6              |
| 9              | LG3379          | Bolb (12V, 3.4W)               | 6              | 6              |
| 10             | LG4377          | Cable, Tachometer              | 1              | 1              |
| 11             | LG3382          | Switch, Emergency              | 1              | 1              |
| 12             | LG5324          | Key, Switch Assembly           | 1              | 1              |
| 13             | LG5325          | Relay, Glow                    | 1              | 1              |
| 14             | LG5326          | Flasher                        | 1              | 1              |
| 15             | LG4383          | Timer, Engine Stop             | 1              | 1              |
| 16             | LG4378          | Relay, Start                   | 1              | 1              |
| 17             | LG1978          | Bolt, Hex w/Washer (M6x1.0x16) | 5              | 5              |
| 18             | LG4380          | Fuse Box Assembly              | 1              | 1              |
| 19             | LG2043          | Fuse (10A)                     | 6              | 6              |
| 20             | LG2044          | Fuse (15A)                     | 2              | 2              |
| 21             | LG2045          | Fuse (20A)                     | 3              | 3              |
| 22             | LG5327          | Seal, Plug                     | 1              | 1              |
| 23             | LG5328          | Switch, Safety                 | 2              | 2              |
| 24             | LG5443          | Nut, Hex (3T) (M14x1.5)        | 1              | 1              |
| 25             | LG5329          | Steering Column S/W Assembly   | 1              | 1              |
| 26             | LG4178          | Switch, Combination            | 1              | 1              |
| 27             | LG4179          | Clamp, Half Switch             | 1              | 1              |
| 28             | LG4180          | Clamp, Half Column             | 1              | 1              |
| 29             | LG4181          | Screw (M4x0.7x12)              | 4              | 4              |
| 30             | LG4885          | Cover, Combination Switch      | 1              | 1              |
| 31             | LG4886          | Rubber, Cap                    | 1              | 1              |
| 32             | LG4887          | Rubber, Cap                    | 2              | 2              |
| 33             | LG4204          | Screw (M4x0.7x25)              | 2              | 2              |
| 34             | LG2336          | Cover, Combination Switch      | 1              | 1              |

**ELECTRICAL WIRING**

| ITEM No. | PART No. | DESCRIPTION                      | QTY.    |         |
|----------|----------|----------------------------------|---------|---------|
|          |          |                                  | 270 DTC | 320 DTC |
| 1        | LG5319   | Harness, Engine                  | 1       | 1       |
| 2        | LG3372   | Harness, Front Light             | 1       | 1       |
| 3        | LG5320   | Harness, Panel                   | 1       | 1       |
| 4        | LG5321   | Harness, Middle                  | 1       | 1       |
| 5        | LG4878   | Ring Clamp                       | 3       | 3       |
| 6        | LG2035   | Tie, Wrap                        | 5       | 5       |
| 7        | LG3727   | Tie, Wrap                        | 5       | 5       |
| 8        | LG4898   | Ring Clamp                       | 3       | 3       |
| 9        | LG1981   | Nut, Flange B-TY (M5x1.0)        | 1       | 1       |
| 10       | LG1862   | Bolt, Hex w/Washer (M10x1.25x20) | 1       | 1       |



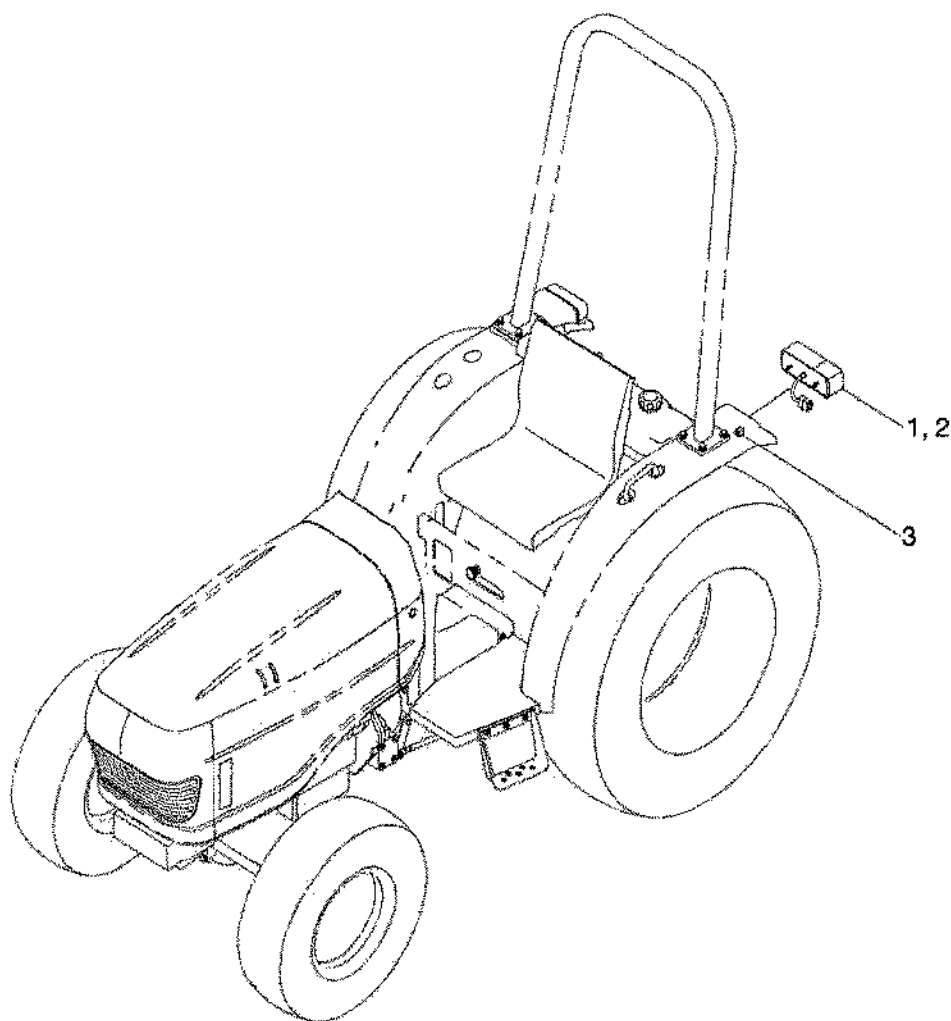


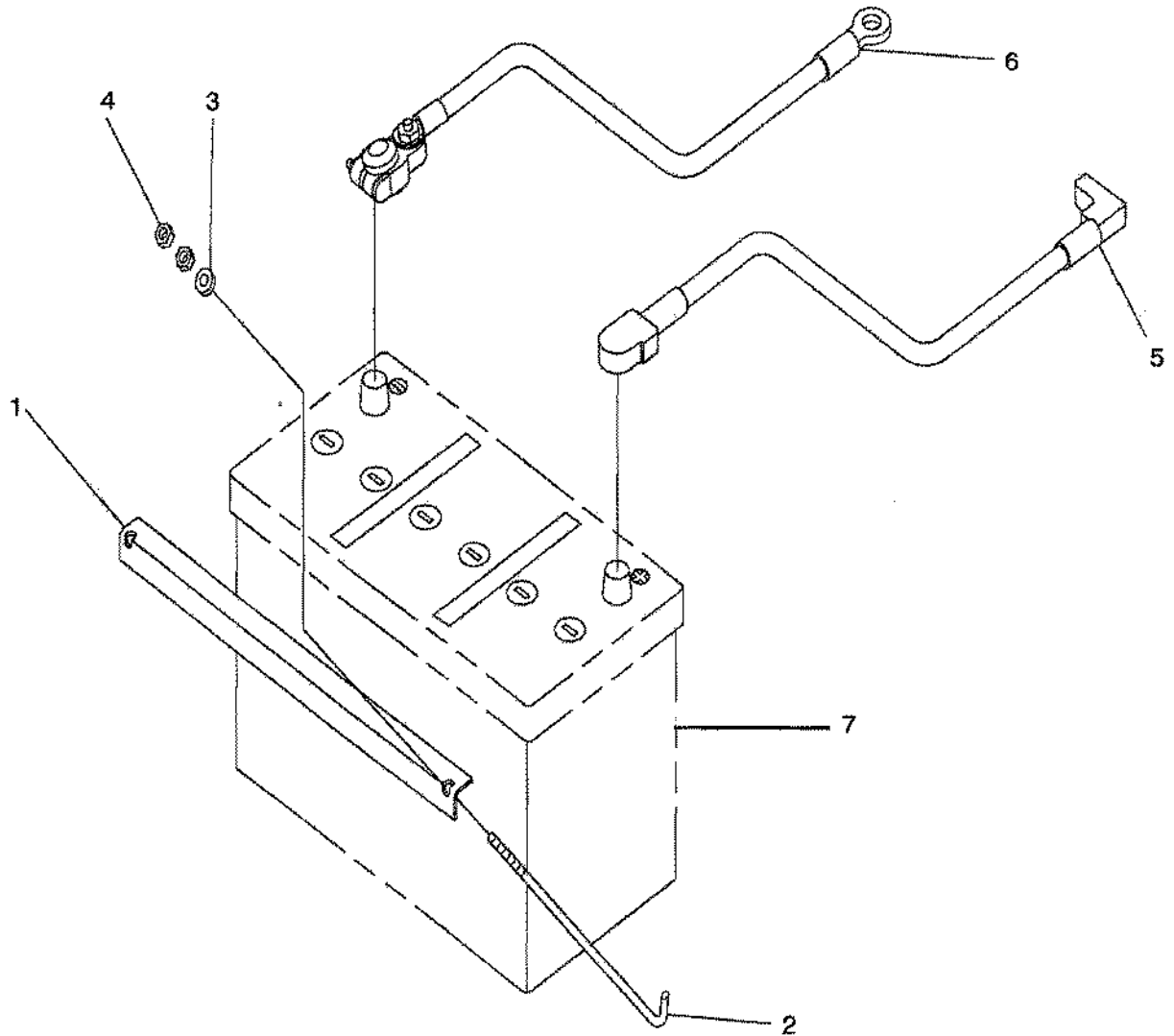
**270DTC / 320DTC**

**ELECTRICAL SYSTEM**

**LAMP**

| ITEM No | PART No. | DESCRIPTION               | QTY.    |         |
|---------|----------|---------------------------|---------|---------|
|         |          |                           | 270 DTC | 320 DTC |
| 1       | LG3602   | Rear Clamp Assembly (RH)  | 1       | 1       |
| 2       | LG3603   | Rear Clamp Assembly (LH)  | 1       | 1       |
| 3       | LG1982   | Nut, Flange B-TY (M6x1.0) | 4       | 4       |



**BATTERY**

**FARMTRAC**

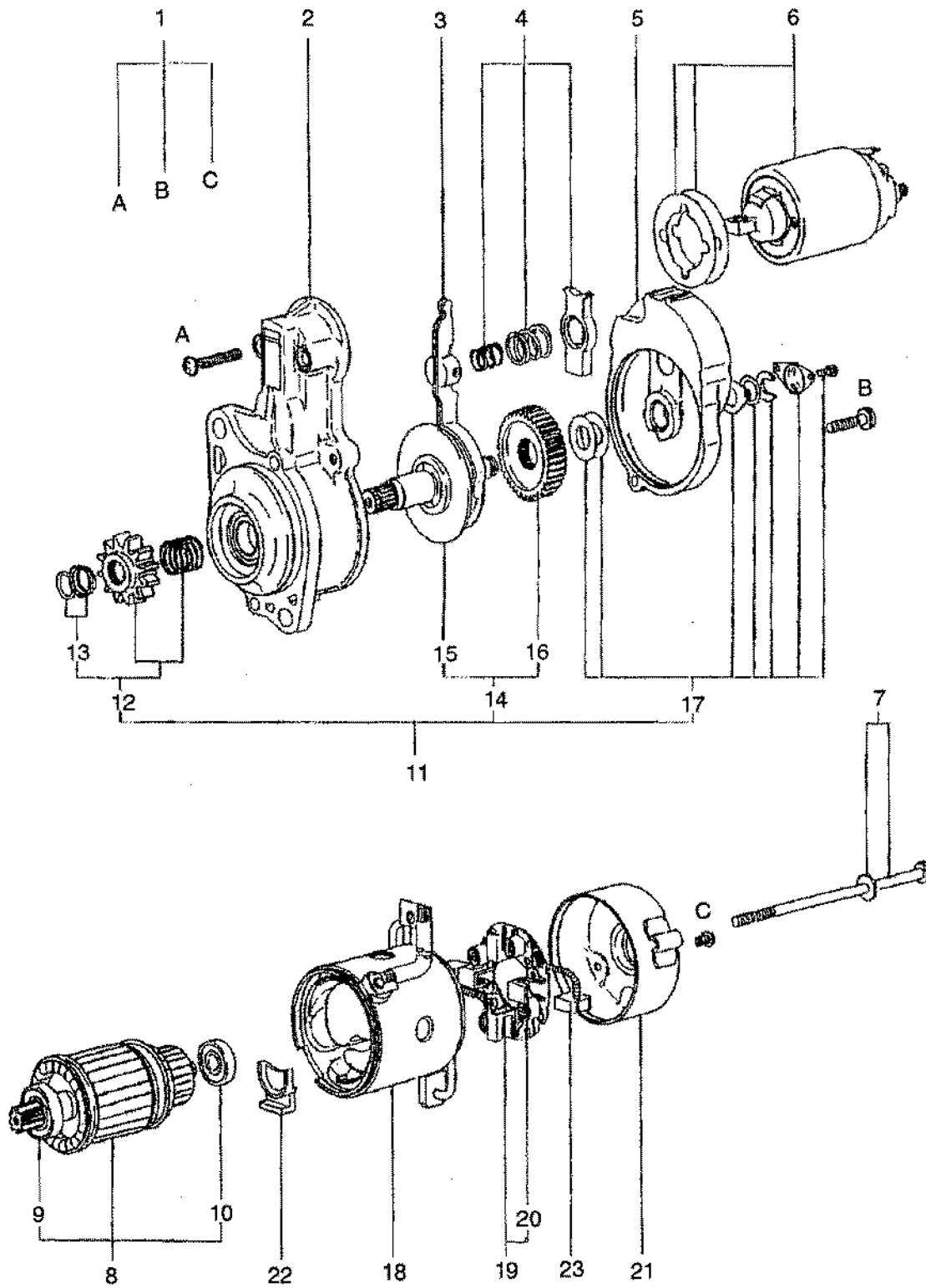
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ELECTRICAL SYSTEM****BATTERY**

| <i>ITEM No</i> | <i>PART No.</i> | <i>DESCRIPTION</i>                | <i>QTY.</i>    |                |
|----------------|-----------------|-----------------------------------|----------------|----------------|
|                |                 |                                   | <i>270 DTC</i> | <i>320 DTC</i> |
| 1              | LG2321          | Clamp, Battery                    | 1              | 1              |
| 2              | LG2340          | Rod, Battery Clamp                | 2              | 2              |
| 3              | N630067S8       | Washer, Plain S-RD (11.5x6.4x1.6) | 2              | 2              |
| 4              | N620012S8       | Nut, Hex 2TY (M6x1.0)             | 4              | 4              |
| 5              | LG5322          | Cable, Battery (+)                | 1              | 1              |
| 6              | LG5323          | Cable, Battery (-)                | 1              | 1              |
| 7              | 783183          | Battery                           | 1              | 1              |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****ELECTRICAL SYSTEM****STARTER**

## STARTER

| ITEM NO | PART NO. | DESCRIPTION                                                                                    | QTY.    |         |
|---------|----------|------------------------------------------------------------------------------------------------|---------|---------|
|         |          |                                                                                                | 270 DTC | 320 DTC |
| 1-23    | LG2792   | Starter Assy  |         |         |
| 1       | LG2793   | Screw, Set                                                                                     | 1       | 1       |
| 2       | LG2794   | Bracket Assembly, Front                                                                        | 1       | 1       |
| 3       | LG2795   | Lever Assy                                                                                     | 1       | 1       |
| 4       | LG2796   | Spring, Set                                                                                    | 1       | 1       |
| 5       | LG2797   | Bracket Assembly, Center                                                                       | 1       | 1       |
| 6       | LG2798   | Switch Assembly                                                                                | 1       | 1       |
| 7       | LG2799   | Bolt, Set                                                                                      | 1       | 1       |
| 8       | LG2800   | Armature Set                                                                                   | 1       | 1       |
| 9       | LG2801   | Bearing, Front                                                                                 | 1       | 1       |
| 10      | LG2802   | Bearing, Rear                                                                                  | 1       | 1       |
| 11      | LG2803   | Shaft Assembly, Clutch                                                                         | 1       | 1       |
| 12      | LG2804   | Pinion Set                                                                                     | 1       | 1       |
| 13      | LG2805   | Stopper Set                                                                                    | 1       | 1       |
| 14      | LG2806   | Gear Set                                                                                       | 1       | 1       |
| 15      | LG2807   | Shaft Assembly, Pinion                                                                         | 1       | 1       |
| 16      | LG2808   | Gear                                                                                           | 1       | 1       |
| 17      | LG2809   | Cover Set                                                                                      | 1       | 1       |
| 18      | LG2810   | Yoke Assembly                                                                                  | 1       | 1       |
| 19      | LG2811   | Holder Assembly, Brush                                                                         | 1       | 1       |
| 20      | LG2812   | Spring, Brush                                                                                  | 4       | 4       |
| 21      | LG2813   | Bracket Assembly, Rear                                                                         | 1       | 1       |
| 22      | LG2814   | Packing                                                                                        | 1       | 1       |
| 23      | LG2815   | Brush                                                                                          | 1       | 1       |

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## NOTES

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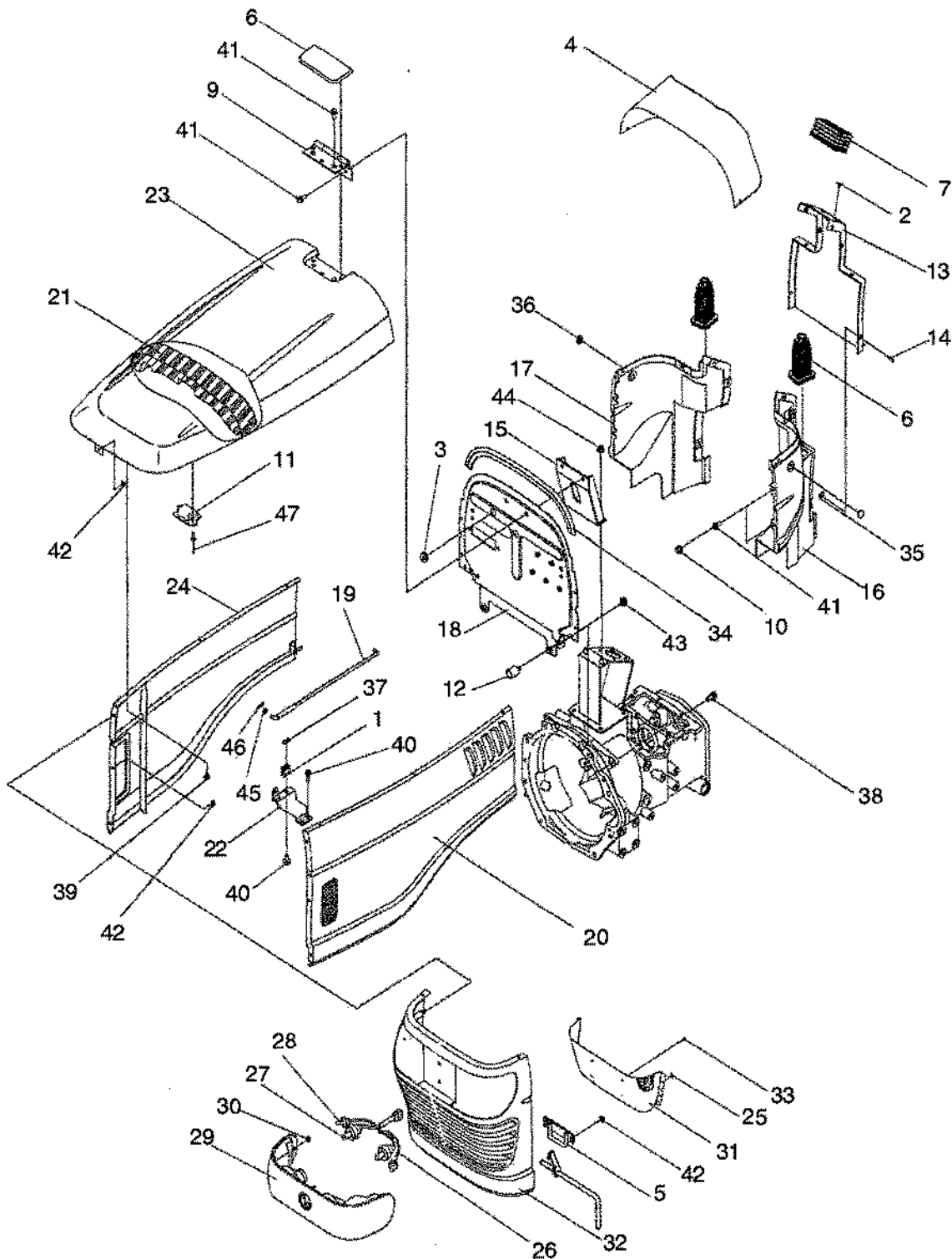
**270 DTC / 320 DTC**

**SECTION 18**

# ***SHEET METAL***



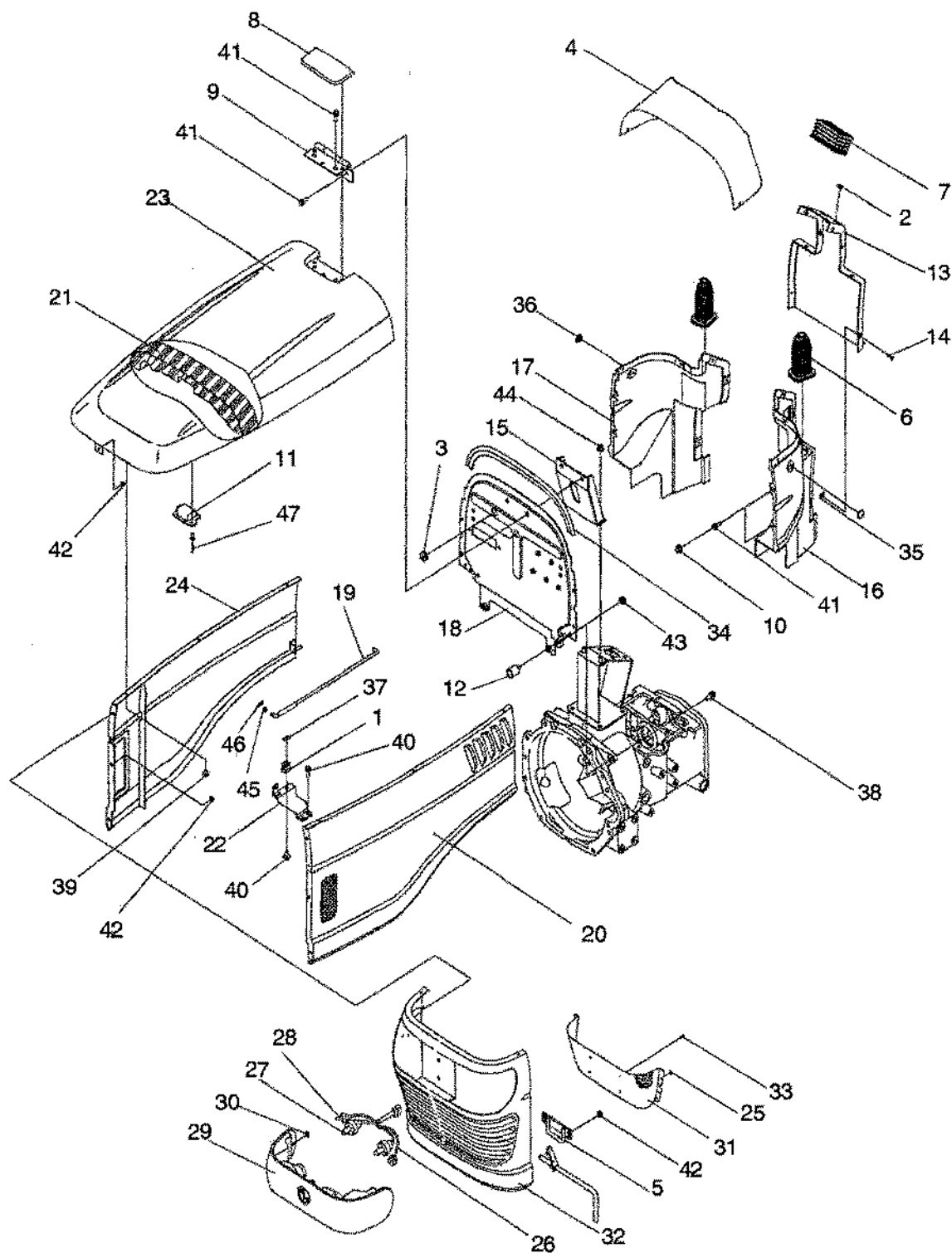
**Hood**



**270DTC / 320DTC****SHEET METAL****Hood**

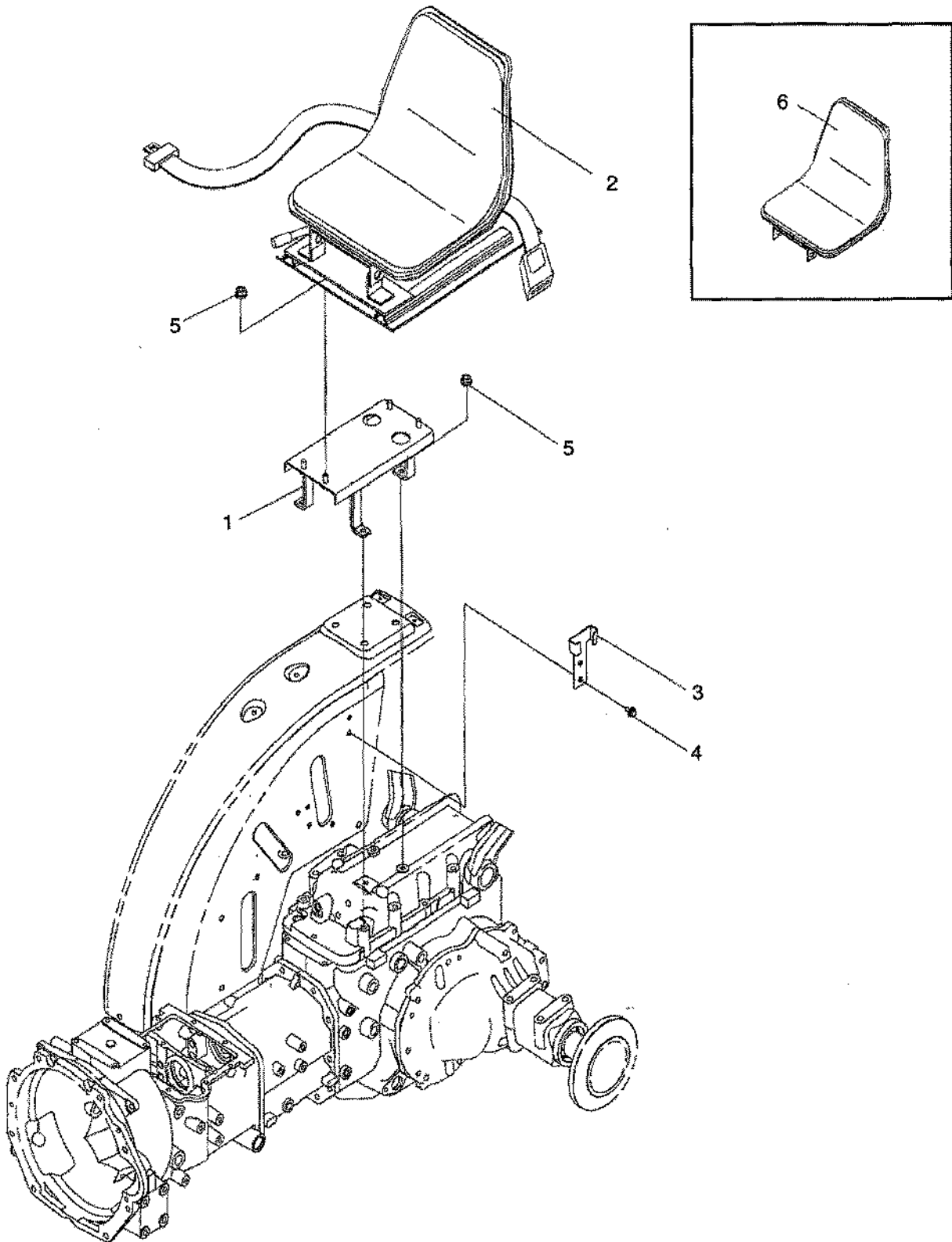
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG2041          | Spring                           | 1              | 1              |
| 2              | LG5379          | Cap                              | 1              | 1              |
| 3              | LG3958          | Grommet                          | 2              | 2              |
| 4              | LG2402          | Panel, Body (Upper)              | 1              | 1              |
| 5              | LG2408          | Hanger                           | 1              | 1              |
| 6              | LG2409          | Cover, Dust Lever                | 2              | 2              |
| 7              | LG2411          | Cover, Steering                  | 1              | 1              |
| 8              | LG2413          | Cover, Hinge                     | 1              | 1              |
| 9              | LG2414          | Hinge                            | 1              | 1              |
| 10             | LG1975          | Cap, Bolt                        | 4              | 4              |
| 11             | LG2418          | Stopper, Hood Support            | 1              | 1              |
| 12             | LG2419          | Stopper, Rubber                  | 2              | 2              |
| 13             | LG2403          | Panel, Body (Rear)               | 1              | 1              |
| 14             | LG4895          | Screw, TP CRS                    | 12             | 12             |
| 15             | LG5380          | Bracket, Hinge                   | 1              | 1              |
| 16             | LG5381          | Panel, Body (LH)                 | 1              | 1              |
| 17             | LG5382          | Panel, Body (RH)                 | 1              | 1              |
| 18             | LG5383          | Plate, Heat Intercept            | 1              | 1              |
| 19             | LG5384          | Rod, Hood                        | 1              | 1              |
| 20             | LG5385          | Cover, Side (LH)                 | 1              | 1              |
| 21             | LG5386          | Seal, Radiator Air               | 1              | 1              |
| 22             | LG5534          | Bracket, Rod Hood                | 1              | 1              |
| 23             | LG4952          | Hood, Bonnet                     | 1              | 1              |
| 24             | LG5034          | Cover, Side (RH)                 | 1              | 1              |
| 25-33          | LG5091          | Grill Assembly                   | 1              | 1              |
| 25             | LG1976          | Nut, Speed                       | 6              | 6              |
| 26-29          | LG3415          | Head Lamp Assembly               | 1              | 1              |
| 26             | LG2318          | Harness, H/Lamp Wire             | 1              | 1              |
| 27             | LG2344          | Lamp, Head                       | 2              | 2              |
| 28             | LG2345          | Lamp, Turn Signal                | 2              | 2              |
| 29             | LG3416          | Lens, Head Lamp                  | 1              | 1              |
| 30             | LG1982          | Nut, Flange B-TY (M6x1.0)        | 4              | 4              |
| 31             | LG3417          | Net, Grille                      | 1              | 1              |
| 32             | LG3418          | Grille                           | 1              | 1              |
| 33             | LG1977          | Screw, TP CRS Truss (M4x16)      | 4              | 4              |
| 34             | LG3422          | Strip, Leather                   | 1              | 1              |
| 35             | LG2473          | Plate, Lock                      | 12             | 12             |
| 36             | LG4107          | Rubber Grommet                   | 2              | 2              |
| 37             | LG2481          | Bracket, Spring                  | 1              | 1              |
| 38             | LG1863          | Bolt, Hex w/Washer (M10x1.25x25) | 2              | 2              |

Hooo



**270DTC / 320DTC****SHEET METAL****Hood**

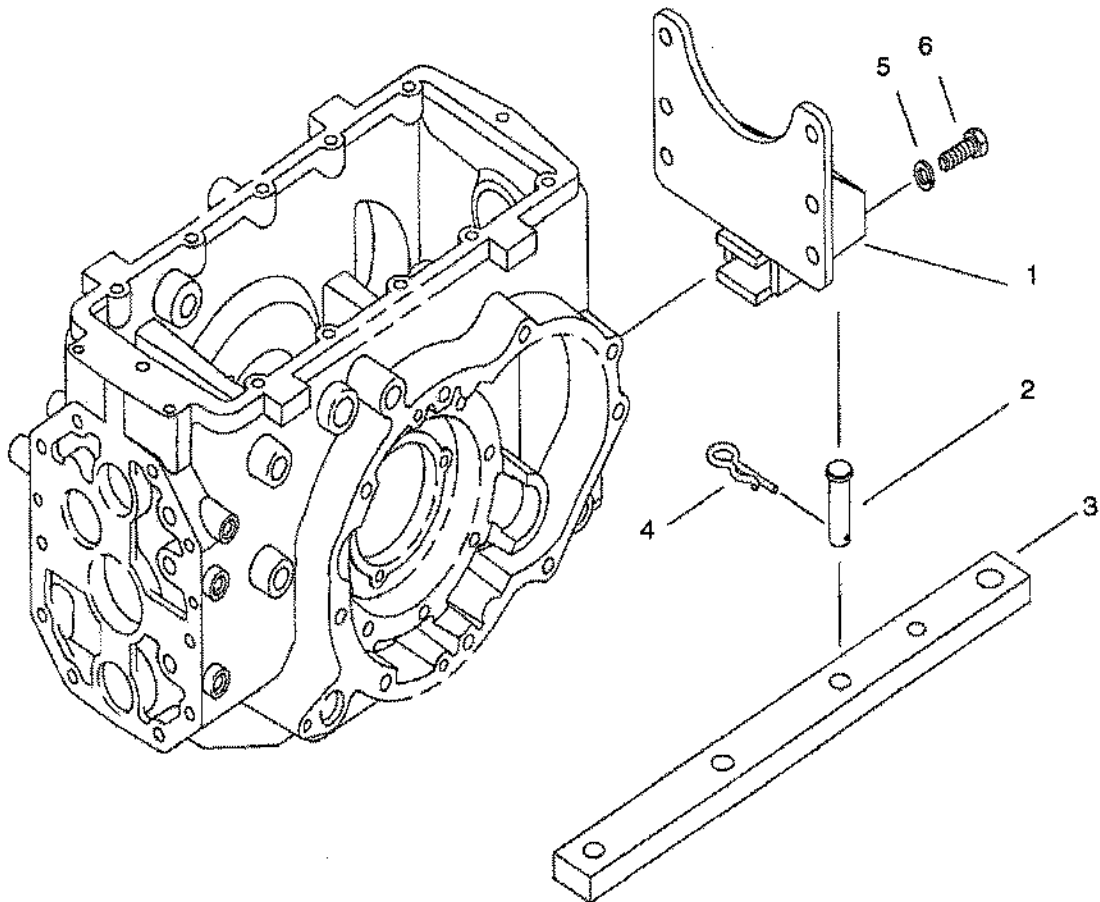
| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>                | <b>QTY.</b>    |                |
|----------------|-----------------|-----------------------------------|----------------|----------------|
|                |                 |                                   | <b>270 DTC</b> | <b>320 DTC</b> |
| 39             | LG1978          | Bolt, Hex w/Washer (M6x1.0x16)    | 8              | 8              |
| 40             | LG1979          | Bolt, Hex w/Washer (M8x1.25x20)   | 3              | 3              |
| 41             | LG1896          | Bolt, Hex w/Washer (M8x1.25x25)   | 8              | 8              |
| 42             | LG1982          | Nut, Flange B-TY (M6x1.0)         | 9              | 9              |
| 43             | LG1890          | Nut, Flange B-TY (M8x1.25)        | 2              | 2              |
| 44             | LG1983          | Nut, Flange B-TY (M10x1.25)       | 2              | 2              |
| 45             | N630068S8       | Washer, Plain S-RD (15.5x8.4x1.6) | 1              | 1              |
| 46             | LG1984          | Pin, Hair                         | 1              | 1              |
| 47             | LG1985          | Rivet, Blind (3.2x10)             | 2              | 2              |

**SEAT ASSEMBLY**

**270DTC / 320DTC****SHEET METAL****SEAT ASSEMBLY**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>              | <b>QTY.</b>    |                |
|----------------|-----------------|---------------------------------|----------------|----------------|
|                |                 |                                 | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG5535          | Bracket, Seat                   | 1              | 1              |
| 2              | LG5393          | Seat Assembly (w/Seat Belt)     | 1              | 1              |
| 3              | LG5394          | Rest, Seat Belt                 | 1              | 1              |
| 4              | LG1979          | Bolt, Hex w/Washer (M8x1.25x20) | 2              | 2              |
| 5              | LG1983          | Nut, Flange B-TY (M10x1.25)     | 6              | 6              |
| 6              | LG5575          | Seat - 270, 320 DTC             | 1              | 1              |

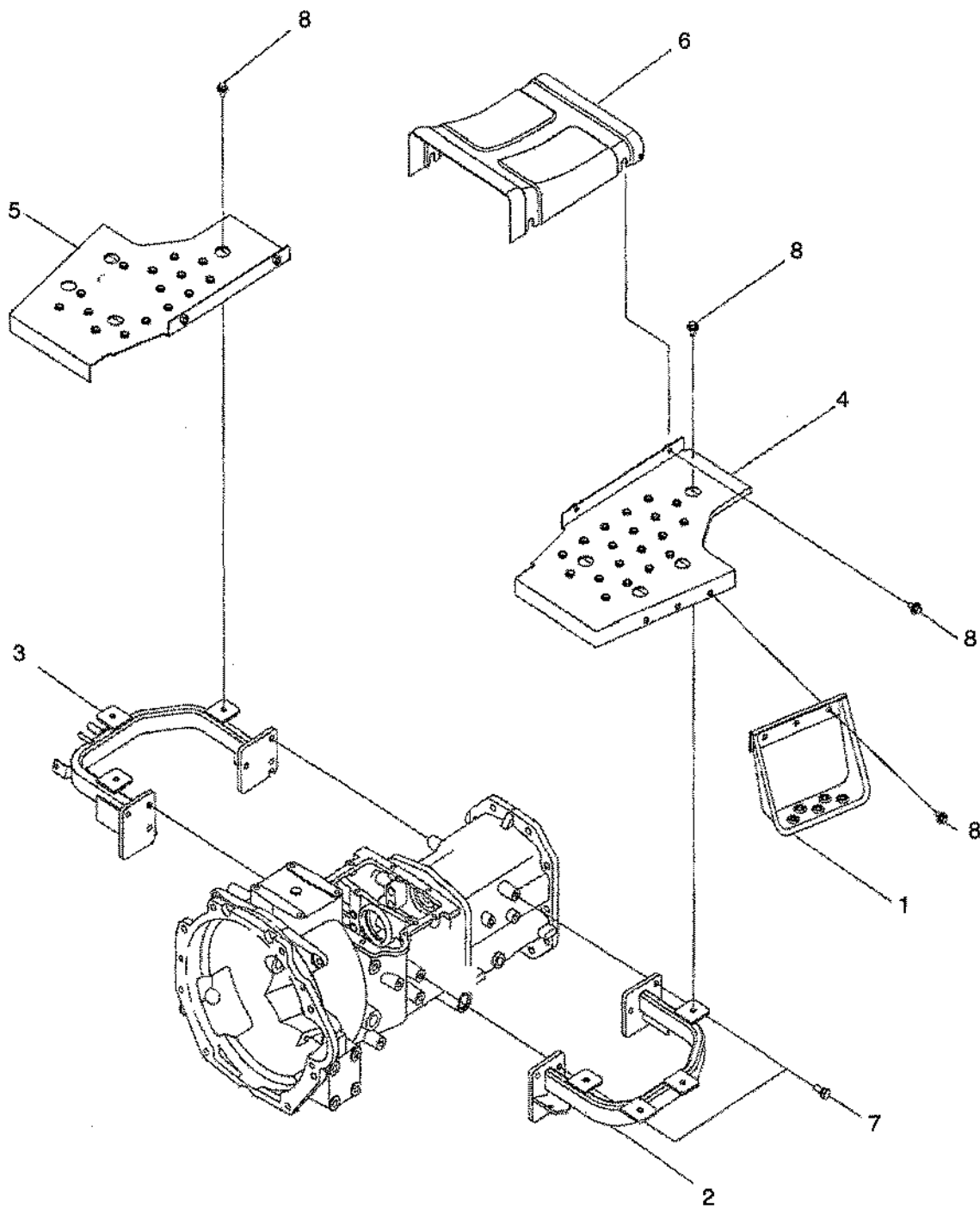
**DRAWBAR HITCH**



**270DTC / 320DTC****SHEET METAL****DRAWBAR HITCH**

| <i>ITEM No</i> | <i>PART No.</i> | <i>DESCRIPTION</i>             | <i>QTY.</i>    |                |
|----------------|-----------------|--------------------------------|----------------|----------------|
|                |                 |                                | <i>270 DTC</i> | <i>320 DTC</i> |
| 1              | LG5361          | Support, Drawbar               | 1              | 1              |
| 2              | LG1990          | Pin , Clevis (25x72)           | 1              | 1              |
| 3              | LG5362          | Drawbar                        | 1              | 1              |
| 4              | LG1991          | Pin, Hair                      | 1              | 1              |
| 5              | N630187S8       | Washer, Spring (25.4x14.2x3.5) | 6              | 6              |
| 6              | LG1937          | Bolt, Hex (14x2.0x40)          | 6              | 6              |

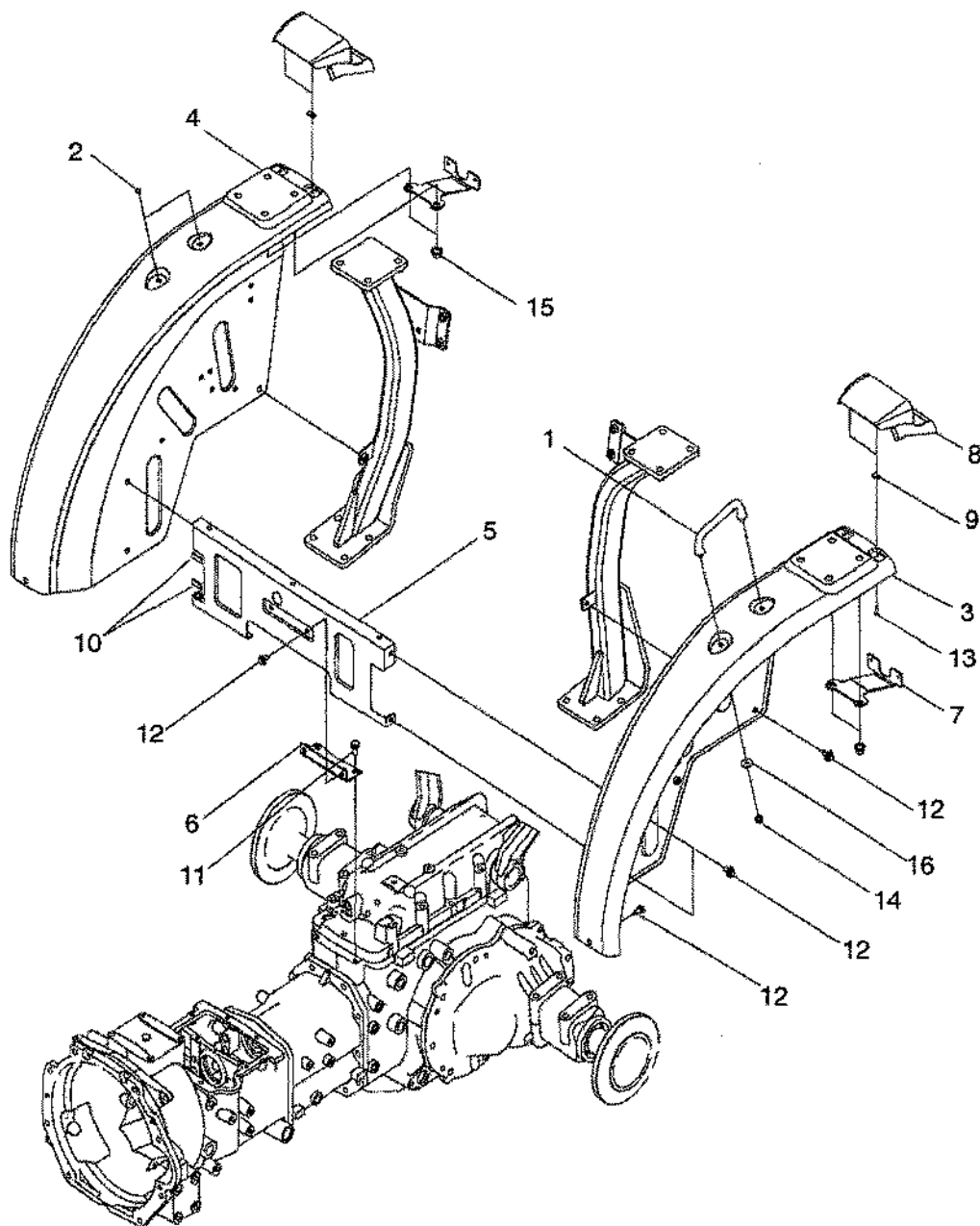
STEP



**270DTC / 320DTC****SHEET METAL****STEP**

| <i>ITEM No</i> | <i>PART No.</i> | <i>DESCRIPTION</i>               | <i>QTY.</i>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <i>270 DTC</i> | <i>320 DTC</i> |
| 1              | LG5387          | Sub Step                         | 1              | 1              |
| 2              | LG5388          | Frame, Step LH                   | 1              | 1              |
| 3              | LG5389          | Frame, Step RH                   | 1              | 1              |
| 4              | LG5390          | Step (LH)                        | 1              | 1              |
| 5              | LG5391          | Step (RH)                        | 1              | 1              |
| 6              | LG5392          | Cover, T/M Case                  | 1              | 1              |
| 7              | LG1863          | Bolt, Hex w/Washer (M10x1.25x25) | 12             | 12             |
| 8              | LG1979          | Bolt, Hex w/Washer (M8x1.25x20)  | 14             | 14             |

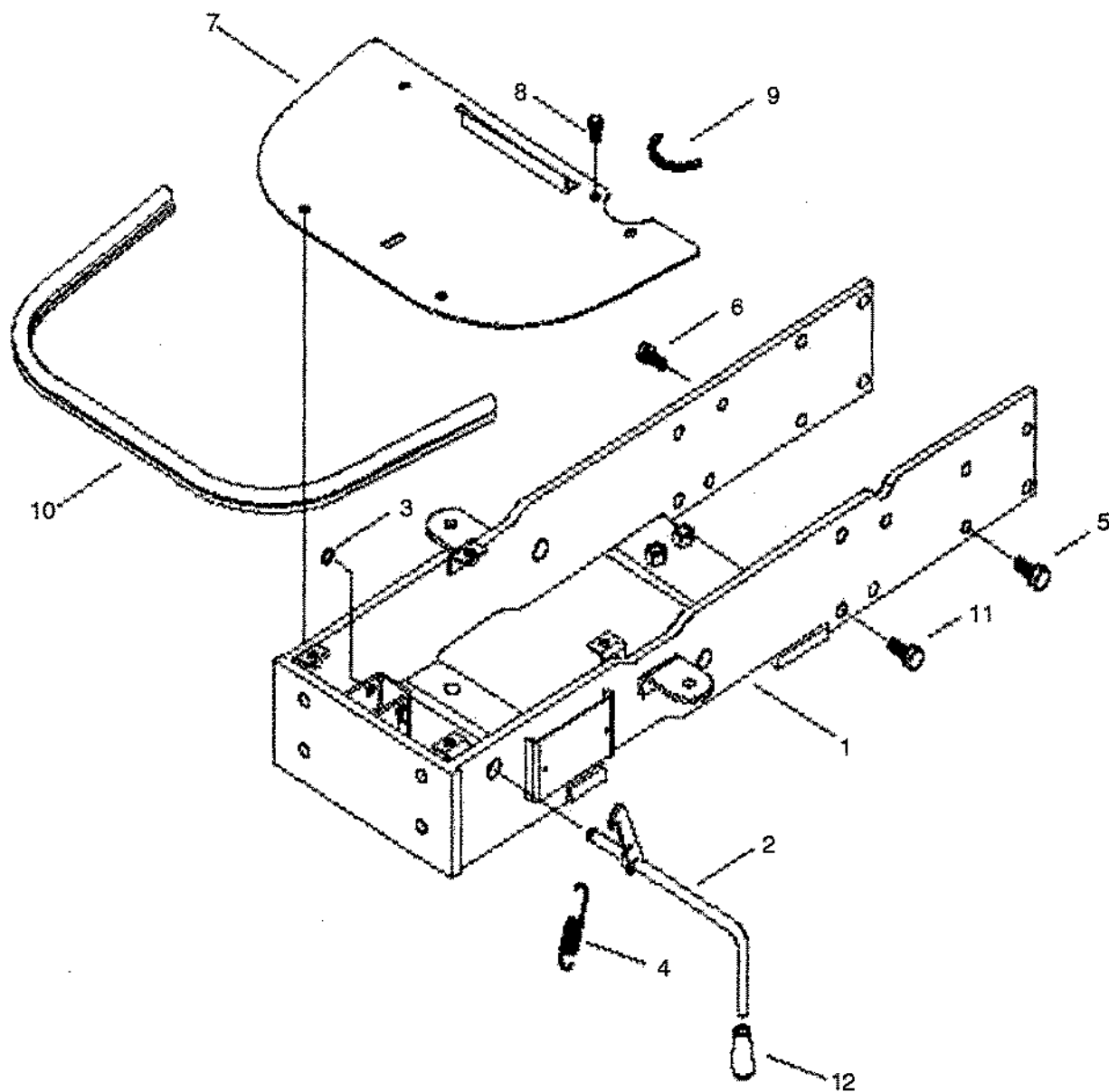
FENDER



**270DTC / 320DTC****SHEET METAL****FENDER**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG2022          | Rail Hand                        | 1              | 1              |
| 2              | LG3385          | Plug                             | 2              | 2              |
| 3              | LG5395          | Fender, LH                       | 1              | 1              |
| 4              | LG5396          | Fender, RH                       | 1              | 1              |
| 5              | LG5397          | Cover, Center                    | 1              | 1              |
| 6              | LG5398          | Bracket, Center Cover            | 1              | 1              |
| 7              | LG5399          | Bracket, Mud Guard               | 2              | 2              |
| 8-9            | LG5400          | Mud Guard Assembly               | 2              | 2              |
| 8              | LG5401          | Guard, Mud Rear                  | 1              | 1              |
| 9              | LG2473          | Plate, Lock                      | 2              | 2              |
| 10             | LG5402          | Weather, Strip                   | 2              | 2              |
| 11             | LG1862          | Bolt, Hex w/Washer (M10x1.25x20) | 2              | 2              |
| 12             | LG1979          | Bolt, Hex w/Washer (M8x1.25x20)  | 10             | 10             |
| 13             | LG5561          | Screw, TP CRS                    | 4              | 4              |
| 14             | LG1890          | Nut, FLange B-TY (M8x1.25)       | 2              | 2              |
| 15             | LG5538          | Nut, FLange B-TY (M12x1.75)      | 4              | 4              |
| 16             | LG1989          | Washer, Plain (26x8.4x2.5)       | 2              | 2              |

FRAME GROUP

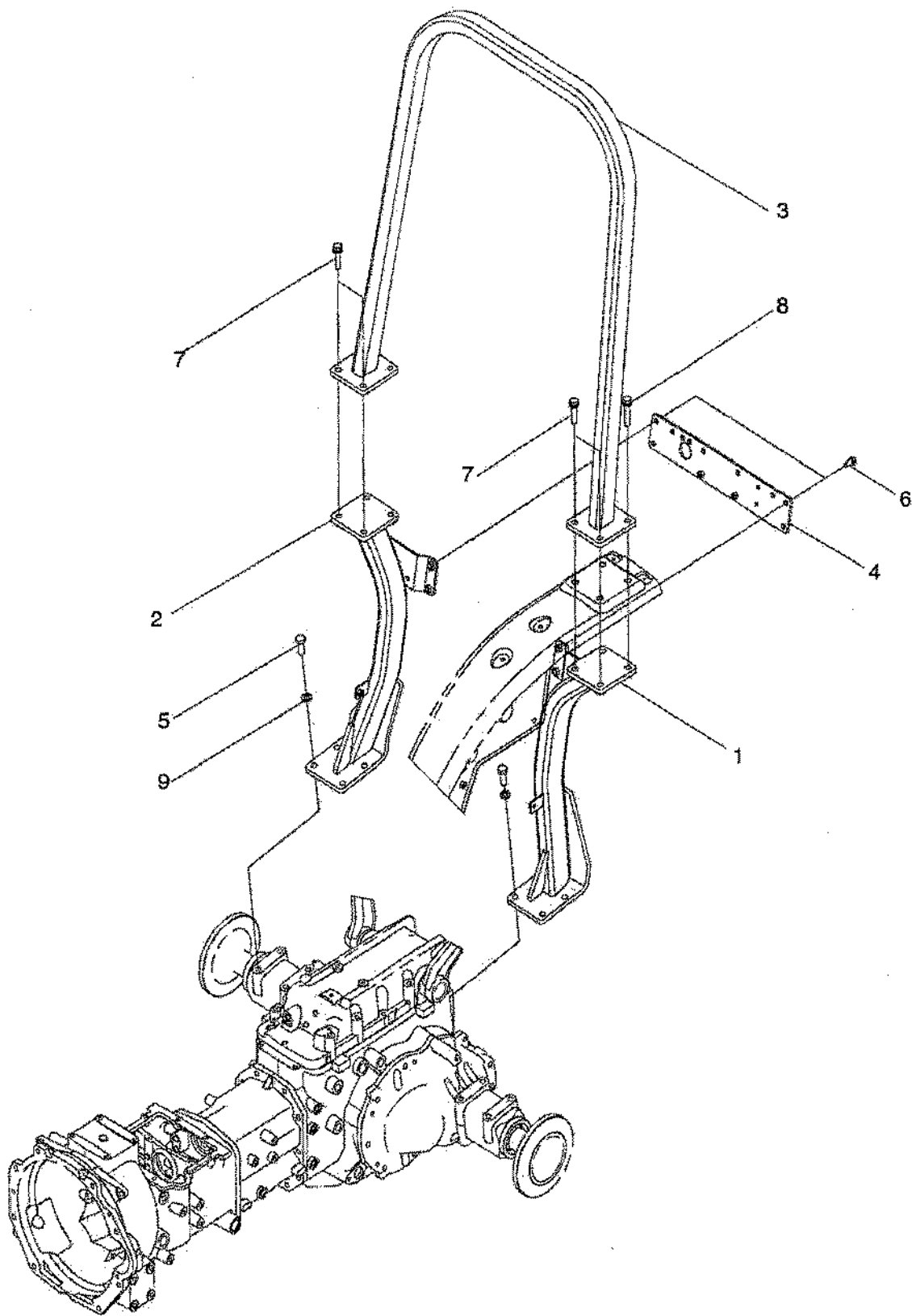


**270DTC / 320DTC****SHEET METAL****FRAME GROUP**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG5115          | Frame, Engine                    | 1              | 1              |
| 2              | LG5116          | Hook, Grill                      | 1              | 1              |
| 3              | N661208S        | Ring, Snap (12)                  | 1              | 1              |
| 4              | LG2410          | Spring                           | 1              | 1              |
| 5              | LG5556          | Bolt, Hex w/Washer (M12x1.25x30) | 11             | 11             |
| 6              | LG1863          | Bolt, Hex w/Washer (M10x1.25x25) | 1              | 1              |
| 7              | LG5117          | Plate, Bottom                    | 1              | 1              |
| 8              | LG1897          | Bolt, Hex w/Washer (M8x1.25x20)  | 4              | 4              |
| 9              | LG5118          | Strip                            | 1              | 1              |
| 10             | LG5119          | Weather Strip                    | 1              | 1              |
| 11             | LG4914          | Bolt, Hex w/Washer (M12x1.25x40) | 4              | 4              |
| 12             | LG2042          | Grip                             | 1              | 1              |

**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****SHEET METAL****ROLLOVER PROTECTION STRUCTURE (ROPS)**

**270DTC / 320DTC****SHEET METAL****ROLLOVER PROTECTION STRUCTURE (ROPS)**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>               | <b>QTY.</b>    |                |
|----------------|-----------------|----------------------------------|----------------|----------------|
|                |                 |                                  | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG5403          | Frame, ROPS Lower LH             | 1              | 1              |
| 2              | LG5404          | Frame, ROPS Lower RH             | 1              | 1              |
| 3              | LG5405          | Frame, ROPS Upper                | 1              | 1              |
| 4              | LG5406          | Frame, ROPS Rear                 | 1              | 1              |
| 5              | LG4087          | Bolt, Hex (M14x2.0x40)           | 8              | 8              |
| 6              | LG1863          | Bolt, Hex w/Washer (M10x1.25x25) | 4              | 4              |
| 7              | LG5557          | Bolt, Hex w/Washer (M12x1.75x45) | 4              | 4              |
| 8              | 500520S36       | Bolt, Hex (M12x1.75x60)          | 4              | 4              |
| 9              | N630187S8       | Washer, Lock (M14)               | 8              | 8              |

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## NOTES

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**270 DTC / 320 DTC**

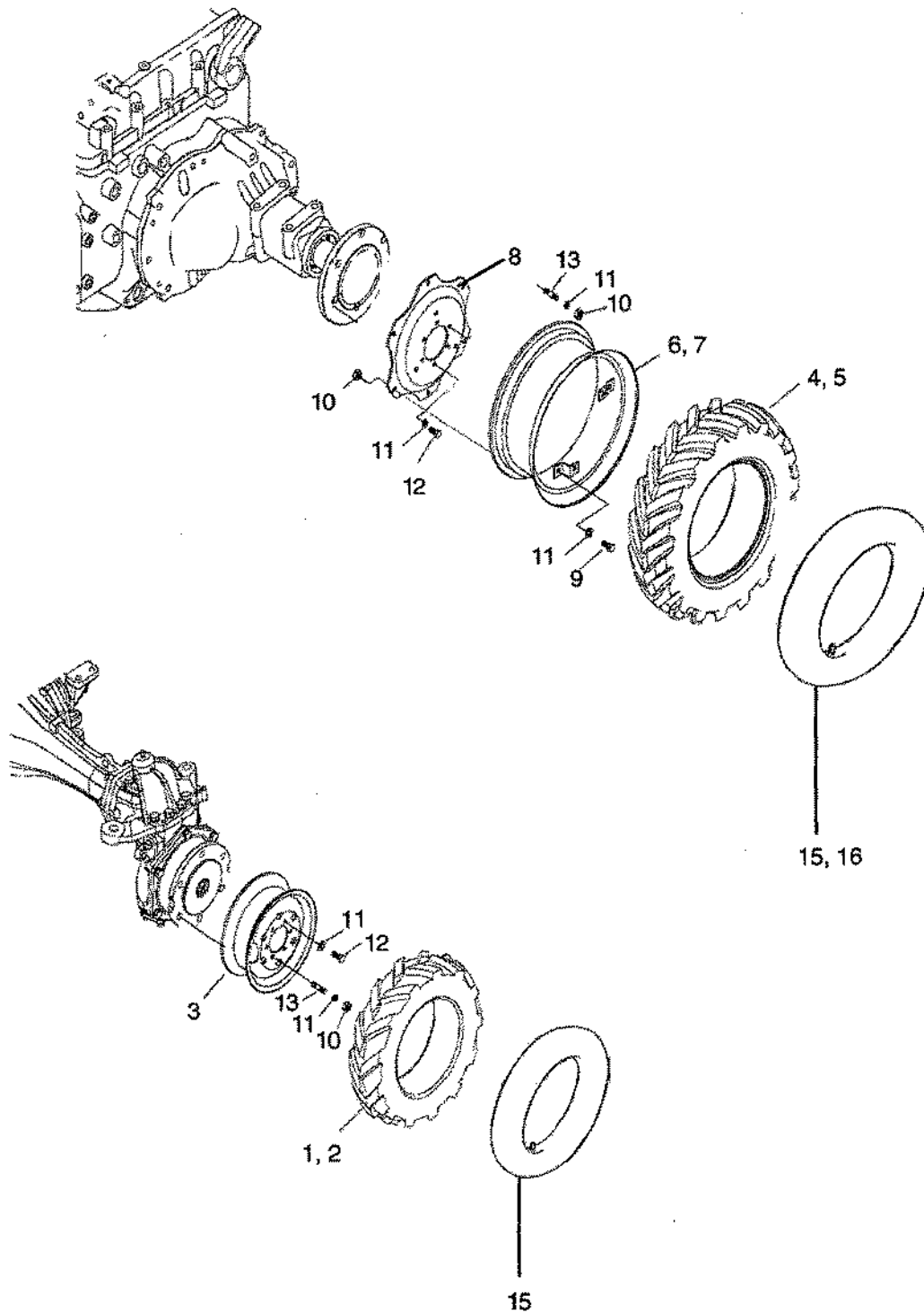
**SECTION 19**

# ***FRONT & REAR WHEELS***



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT & REAR WHEELS****AGRICULTURAL TIRES**

**FARMTRAC**

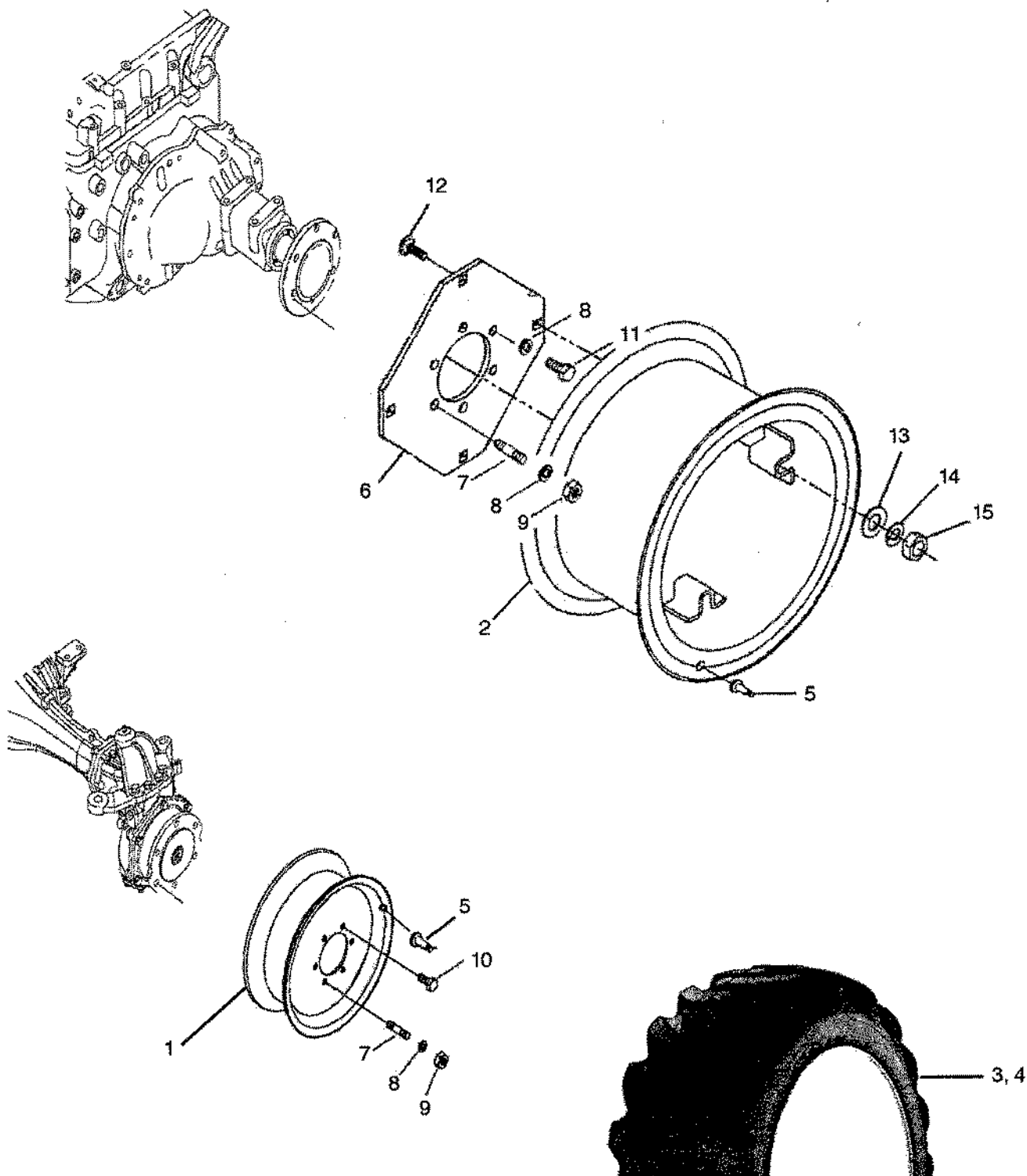
DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT & REAR WHEELS****AGRICULTURAL TIRES**

| ITEM NO | PART NO.   | DESCRIPTION             | QTY.    |         |
|---------|------------|-------------------------|---------|---------|
|         |            |                         | 270 DTC | 320 DTC |
| 1       | 907273     | Tire, Ag (6 - 14)       | 2       | -       |
| 2       | 907274     | Tire, Ag (7 - 14)       | -       | 2       |
| 3       | LG4929     | Front Rim Assembly      | 2       | 2       |
| 4       | 907343     | Tire, Ag (9.5 - 24)     | 2       | -       |
| 5       | 907335     | Tire, Ag (11.2 - 24)    | -       | 2       |
| 6       | LG4924     | Rear Rim Assembly       | 2       | -       |
| 7       | LG4930     | Rear Rim Assembly       | -       | 2       |
| 8       | LG5218     | Rear Center Disc        | 2       | 2       |
| 9       | LG1885     | Bolt, Wheel             | 8       | 8       |
| 10      | 500394S36  | Nut, Hex (M16 - 1.5)    | 16      | 16      |
| 11      | N630176S36 | Washer, Lock (16mm)     | 32      | 32      |
| 12      | 500354     | Bolt, Hex (M16-1.5x30)  | 16      | 16      |
| 13      | LG1944     | Bolt, Stud (M16x1.5x25) | 8       | 8       |
| 14      | 907275     | Tube (6/7 - 14)         | 2       | 2       |
| 15      | 788620     | Tube (8.3/9.5 - 24)     | 2       | -       |
| 16      | 737801     | Tube (12.4 - 24)        | -       | 2       |

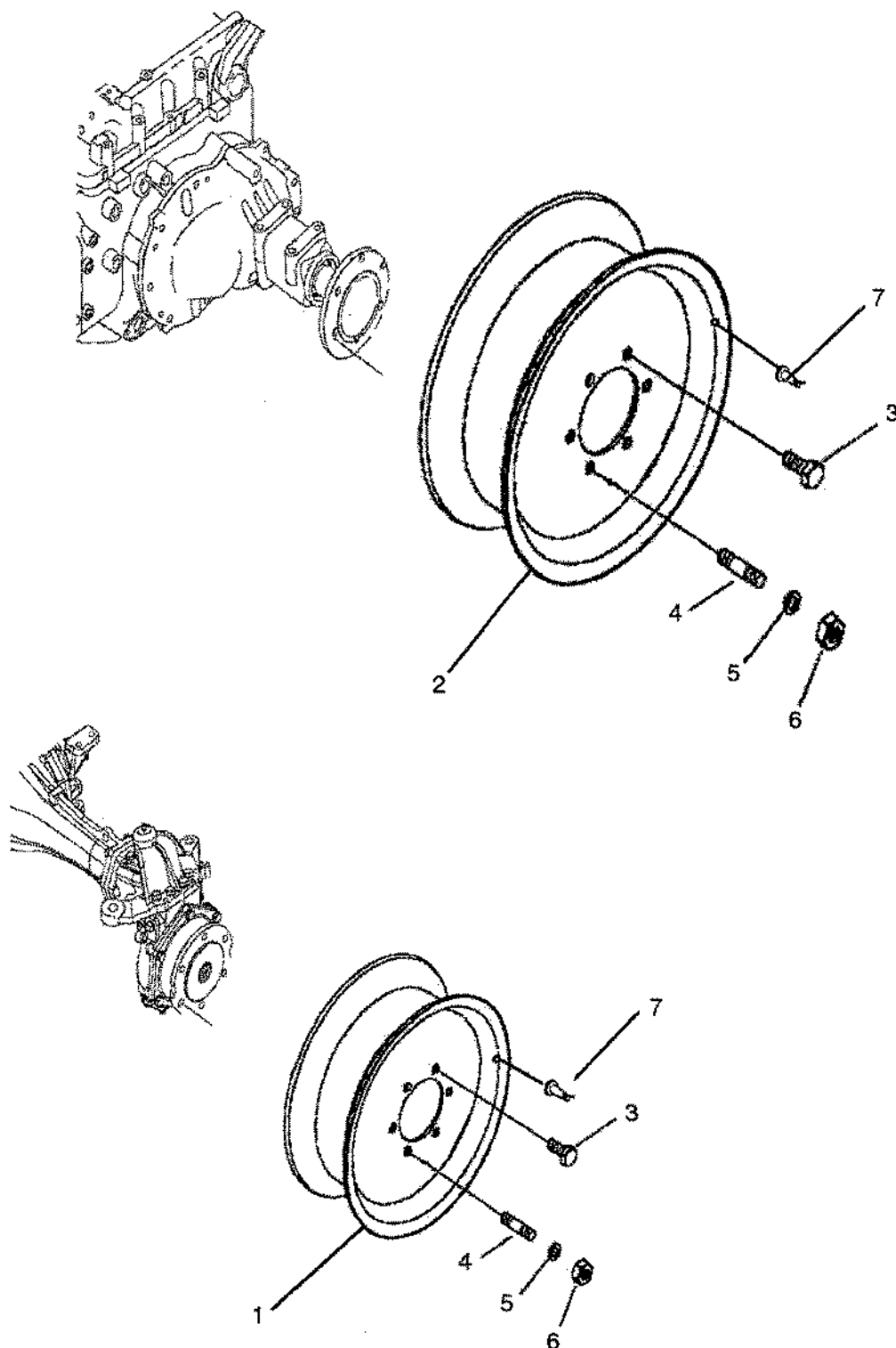
**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT & REAR WHEELS****INDUSTRIAL TIRES**

**270DTC / 320DTC****FRONT & REAR WHEELS****INDUSTRIAL TIRES**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>            | <b>QTY.</b>    |                |
|----------------|-----------------|-------------------------------|----------------|----------------|
|                |                 |                               | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | 907413          | Front Wheel                   | 2              | 2              |
| 2              | 902706          | Rear Wheel Assembly           | 2              | 2              |
| 3              | 907307          | Tire, Front (23x8.5-12)       | 2              | 2              |
| 4              | 907306          | Tire, Rear (12.5/80-18)       | 2              | 2              |
| 5              | 907369          | Valve Stem                    | 4              | 4              |
| 6              | 907411          | Center Disc, Industrial       | 2              | 2              |
| 7              | LG1944          | Bolt, Stud (M16x1.5x25)       | 8              | 8              |
| 8              | N630176S36      | Washer, Lock (16MM)           | 16             | 16             |
| 9              | 500394S36       | Nut, Hex (M16x1.5)            | 8              | 8              |
| 10             | TX10863         | Bolt, Lug                     | 8              | 8              |
| 11             | 500354          | Bolt, Hex (M16-1.5x30)        | 8              | 8              |
| 12             | 58877S8         | Bolt, Carriage (5/8-11x3 1/4) | 8              | 8              |
| 13             | 44742S8         | Washer, Flat (5/8)            | 8              | 8              |
| 14             | 34811S8         | Washer, Lock (5/8)            | 8              | 8              |
| 15             | 33849S8         | Nut, Hex (5/8-11)             | 8              | 8              |



**FARMTRAC**

DRIVING TRADITIONS TOMORROW

**270DTC / 320DTC****FRONT & REAR WHEELS****TURF TIRES**

| ITEM NO | PART NO.   | DESCRIPTION             | QTY.    |         |
|---------|------------|-------------------------|---------|---------|
|         |            |                         | 270 DTC | 320 DTC |
| 1       | 907440     | Front Wheel (10.5x12)   | 2       | 2       |
| 2       | 907517     | Rear Wheel (11x20)      | 2       | 2       |
| 3       | 500354     | Bolt, Hex (M16x1.5x30)  | 16      | 16      |
| 4       | LG1944     | Bolt, Stud (M16x1.5x25) | 8       | 8       |
| 5       | N630176S36 | Washer, Lock (16mm)     | 24      | 24      |
| 6       | 500394S36  | Nut, Hex (M16-1.5)      | 8       | 8       |
| 7       | 907369     | Valve Stem              | 4       | 4       |

## NOTES

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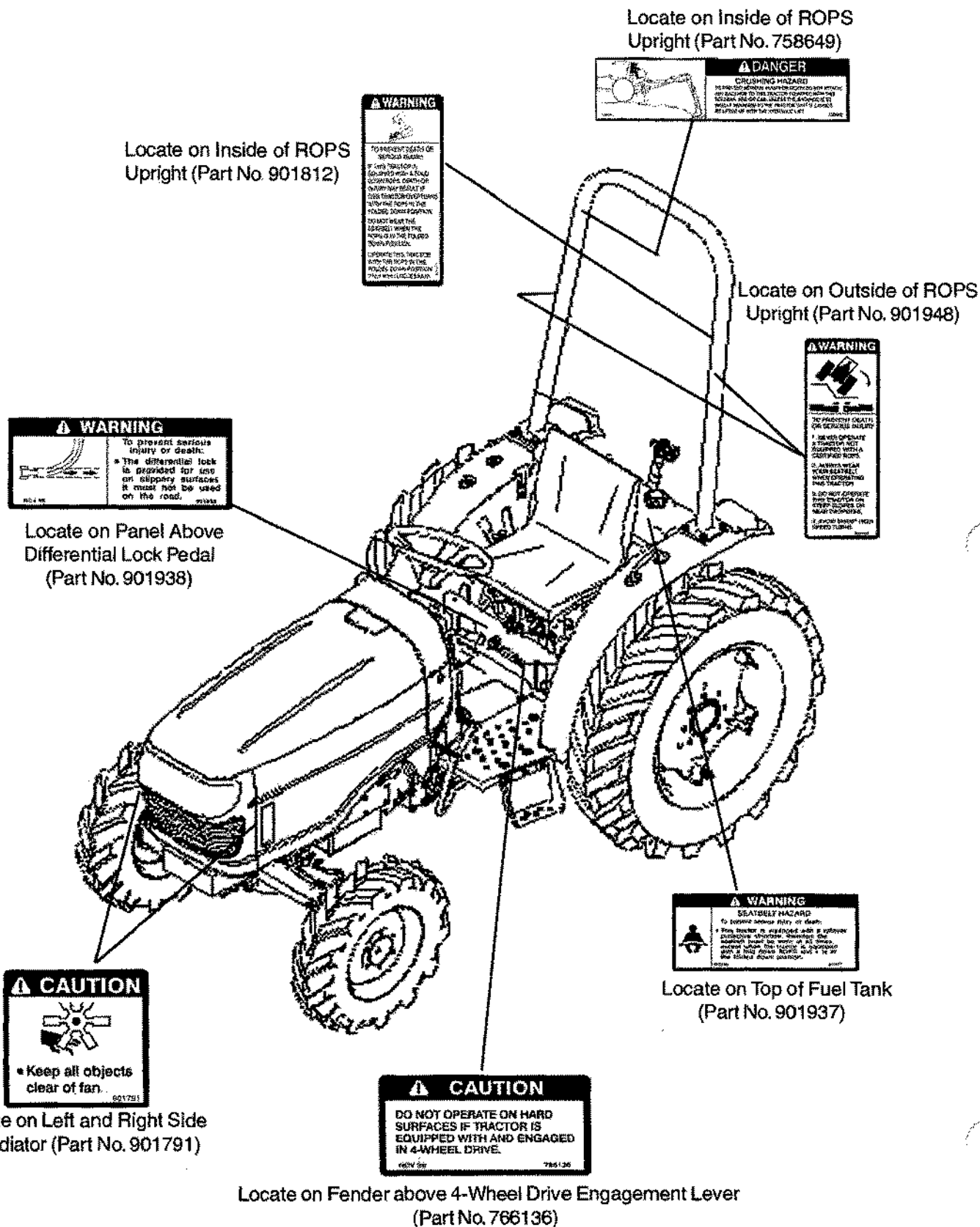
**270 DTC / 320 DTC**

**SECTION 20**

# ***DECALS***



## DECALS





270DTC / 320DTC

DECALS

DECALS

ITEM No PART No.

DESCRIPTION

QTY.

270 DTC 320 DTC

1

904540

Basic Tractor Decal Kit  
(This Sheet Contains All The  
Safety Decals)

1

1

**WARRANTY DISCLAIMER**

THE LIMITED WARRANTY OF THE MANUFACTURER FOR ITS PRODUCTS DOES NOT INCLUDE:

1. ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE.
2. ANY WARRANTY OF DURABILITY OR PERFORMANCE.
3. ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE.
4. LIABILITY FOR ANY HARM RESULTING FROM THE USE OF THE PRODUCT.
5. LIABILITY FOR ANY HARM RESULTING FROM THE USE OF THE PRODUCT.
6. LIABILITY FOR ANY HARM RESULTING FROM THE USE OF THE PRODUCT.

FOR COMPLETE MANUAL, SEE FULL DECAL KIT.

**CAUTION**

**DO NOT OPERATE**

Use only the rated engine power. If you did not receive a copy, and may be obtained by contacting:

PTO BOX 108, Tullahoma, MS 38866  
FARMTRAC, INC. 1992  
www.farmtrac.com

**CRUSHING HAZARD**

DO NOT PREVENT MAINTENANCE OR REPAIR BY ANY OTHER PERSON FROM ENTERING THE TRACTOR. ALWAYS USE THE TRACTOR SAFETY SYSTEM TO PROTECT YOURSELF AND OTHERS.

**CAUTION**

**DO NOT OPERATE ON**

DO NOT OPERATE ON SLOPES OF 15% OR GREATER. ALWAYS USE THE TRACTOR SAFETY SYSTEM TO PROTECT YOURSELF AND OTHERS.

**WARNING**

**TO PREVENT SERIOUS INJURY OR DEATH:**

- AFTER THE MOWER IS STOPPED, TURN OFF THE MOWER AND WAIT 10 SECONDS BEFORE LEAVING THE TRACTOR.
- ALWAYS WEAR YOUR SEATBELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.
- ALWAYS WEAR YOUR SAFETY BELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.
- ALWAYS WEAR YOUR SAFETY BELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.
- ALWAYS WEAR YOUR SAFETY BELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.
- ALWAYS WEAR YOUR SAFETY BELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.

**WARNING**

**TO PREVENT SERIOUS INJURY OR DEATH:**

- ALWAYS WEAR YOUR SEATBELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.
- ALWAYS WEAR YOUR SAFETY BELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.
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- ALWAYS WEAR YOUR SAFETY BELT AND NEVER OPERATE THE TRACTOR WITHOUT IT.

**CAUTION**

**DO NOT OPERATE ON**

DO NOT OPERATE ON SLOPES OF 15% OR GREATER. ALWAYS USE THE TRACTOR SAFETY SYSTEM TO PROTECT YOURSELF AND OTHERS.

**WARNING**

**ENTANGLEMENT HAZARD**

To prevent serious injury or death:

- PTO safety shield must be kept in place.
- DO NOT REMOVE.

**WARNING**

**SEATBELT HAZARD**

To prevent serious injury or death:

- This tractor is equipped with a rubberized seatbelt. Do not use any other type of seatbelt.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.

**WARNING**

- Pull only from decelerator. Pulling from any other point can cause rear oversteer.
- Do not operate with unengaged PTO.
- Disengage PTO and stop engine before servicing tractor or implements or attempting any dangerous work.
- Position tractor of 14" from end of PTO shaft to disengage lever for 1000 RPM.
- When towing implement use a safety chain.

DO NOT FOLLOW ANY OF THE FOLLOWING INSTRUCTIONS TO THE OPERATOR OR OTHER PERSONS.

**FARMTRAC 45**

**IMPORTANT**

**PTO CLUTCH LEVER**

DO NOT LEAVE IN DISENGAGED POSITION.

**COMPONENTS OF:**

**Disengagement Lever**

DO NOT REMOVE OR MODIFY.

**COMPONENTS OF:**

**Disengagement Lever**

DO NOT REMOVE OR MODIFY.

**COMPONENTS OF:**

**Disengagement Lever**

DO NOT REMOVE OR MODIFY.

**WARNING**

**TO PREVENT SERIOUS INJURY OR DEATH:**

- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.
- Always wear your seatbelt and never operate the tractor without it.

**WARNING**

**HIGH PRESSURE FLUID HAZARD**

To prevent serious injury or death:

- Before pressure is released, never touch, adjust, or disconnect any hydraulic line or hose.
- If hydraulic line pressure is high, the pressure will be released.
- If hydraulic line pressure is high, the pressure will be released.
- If hydraulic line pressure is high, the pressure will be released.
- If hydraulic line pressure is high, the pressure will be released.
- If hydraulic line pressure is high, the pressure will be released.

**WARNING**

**BULDOZER HAZARD**

To prevent serious injury or death:

- Short take down with rear wheel and range disengage in neutral.
- Do not start engine by accident.
- Do not start engine by accident.
- Do not start engine by accident.
- Do not start engine by accident.
- Do not start engine by accident.

**LANDTRACS AND LONGTRACS ONLY**

**COLD START PROCEDURE**

DO NOT OPERATE STARTER LONGER THAN 30 SECONDS.

**PUSH FOR COLD START**

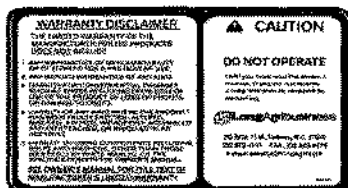
**PULL TO STOP**

**LONG 2360, LONGTRAC 480, 480 DTCSD, 520, 520 DTCSD, 680, & 680 DTCSD ONLY**

**TRACTOR MODEL:** 2360, 480, 520, 680, 770, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 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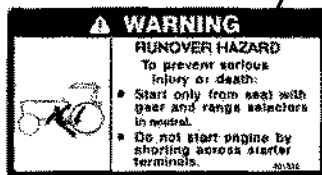
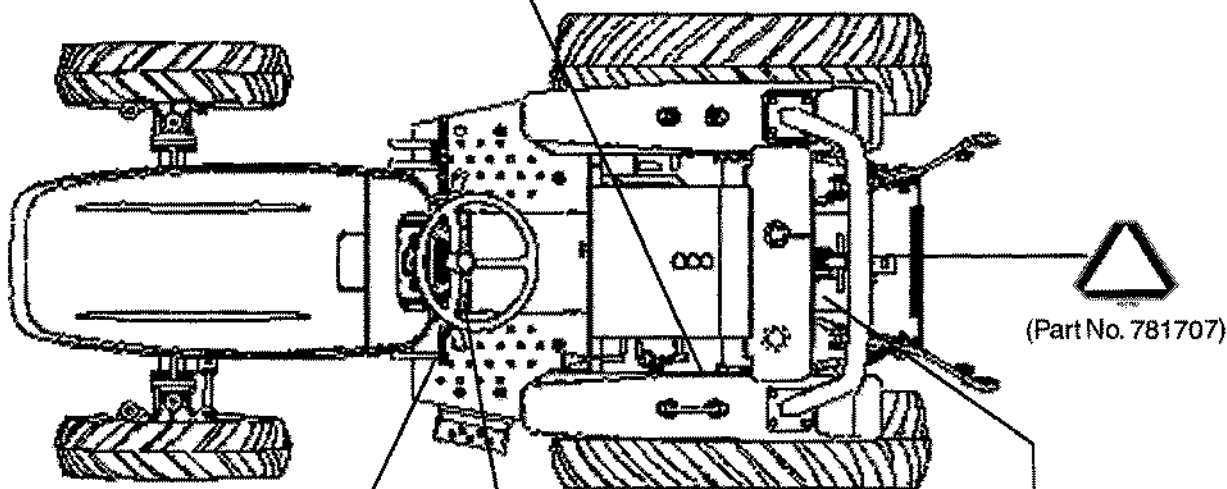
## DECALS

**Locate On Inside of Left Fender  
(Part No. 904394)**



**Locate On Inside of Left Fender  
(Part No. 904394)**

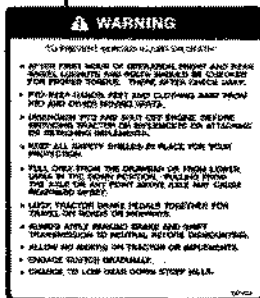
Locate On Inside Rear Of Right  
Fender (Part No.901940)



Locate On Side Panel Above  
Clutch Pedal (Part No. 901935)



Locate On PTO Shaft  
Guard (Part No. 901922)

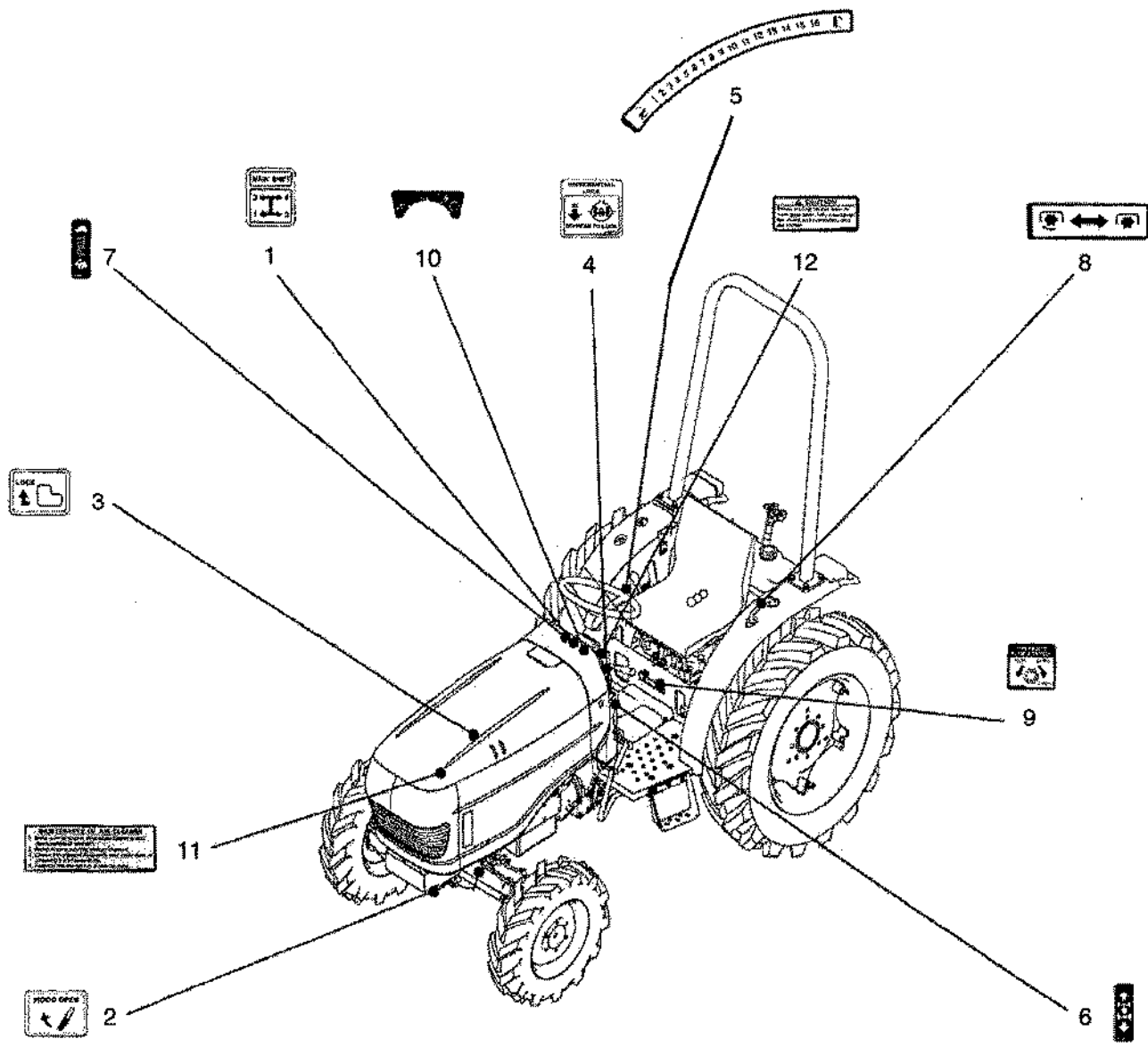


**Locate On Panel Under Steering Wheel  
(Part No. 901556)**

**\*For further information on Tractor Safety, refer to your Agricultural Tractor Safety Manual (799415).**



**OPERATION DECALS**



**270DTC / 320DTC****DECALS****OPERATION DECALS**

| <b>ITEM No</b> | <b>PART No.</b> | <b>DESCRIPTION</b>      | <b>QTY.</b>    |                |
|----------------|-----------------|-------------------------|----------------|----------------|
|                |                 |                         | <b>270 DTC</b> | <b>320 DTC</b> |
| 1              | LG5407          | Decal, Main Change      | 1              | 1              |
| 2              | LG4437          | Decal, Bonnet Hook      | 1              | 1              |
| 3              | LG4445          | Decal, Hook Rod         | 1              | 1              |
| 4              | LG5409          | Mark, Differential Lock | 1              | 1              |
| 5              | LG5410          | Decal, Position Control | 1              | 1              |
| 6              | LG5411          | Decal F-R Change        | 1              | 1              |
| 7              | LG5412          | Decal, Acc. Lever       | 1              | 1              |
| 8              | LG5413          | Decal, PTO Lever        | 1              | 1              |
| 9              | LG5414          | Decal, Flow Control     | 1              | 1              |
| 10             | LG5415          | Decal, Key Switch       | 1              | 1              |
| 11             | LG5416          | Decal, Air Cleaner      | 1              | 1              |
| 12             | LG5096          | Decal, Shifting Caution | 1              | 1              |



270DTC / 320DTC

DECALS

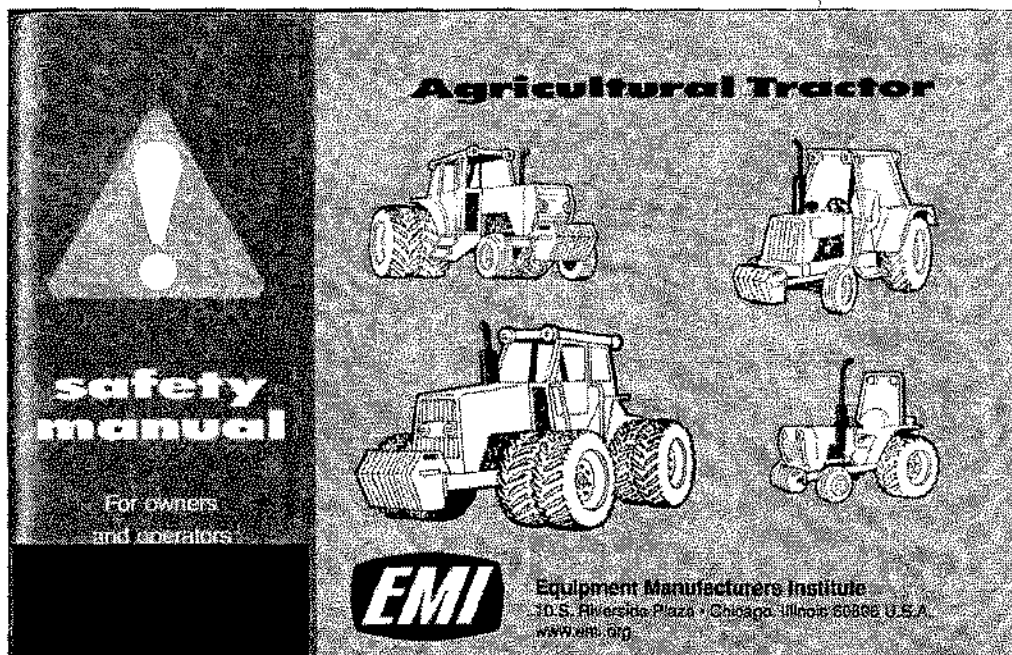
## DECALS

| ITEM No. | LONG No. | VENOOR No. | DESCRIPTION                   | QTY.    |         |
|----------|----------|------------|-------------------------------|---------|---------|
|          |          |            |                               | 270 DTC | 320 DTC |
| 1        | 906662   |            | Decal Kit Farmtrac DTC        | 1       | 1       |
| 2        | 799415   |            | Manual Tractor Safety w/Decal | 1       | 1       |

270 DTC 270 DTC 300 DTC 300 DTC  
 320 DTC 320 DTC 360 DTC 360 DTC  
 445 DTC 445 DTC

FARMTRAC

FARMTRAC



**270 DTC / 320 DTC**

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