

# GM HARRISON / FRIGIDAIRE / DELPHI — COMPRESSORS

## A6 Compressor Identification (see pages 264-266 for illustrations.)

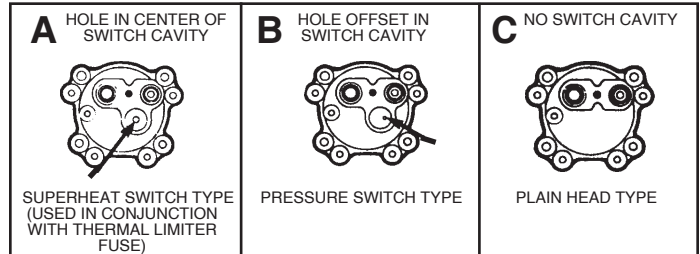
To select the correct A6 compressor it is necessary to identify which head type is being used for system protection.

**High Pressure Switch Type** compressors have a switch socket with a small off-centered port to allow sensing of pressure from the high pressure side of the compressor.

**Superheat Switch Type** compressors have a switch socket with a centered cavity for insertion of the superheat switch thermal probe into the low side of the compressor.

**NOTE:** Switch type compressors may be used in place of plain head types, however, High Pressure Switch Type and Superheat Switch Type compressors are NOT Interchangeable.

- A & B HEAD TYPES ARE NOT INTERCHANGEABLE.
- ALL REMANUFACTURED (and some New) COMPRESSORS SUPPLIED WITHOUT SWITCH (available separately).
- A counter-clock wise (CCW) rotation compressor cannot be used to replace a clockwise (standard) compressor.



GM NUMBER	TYPE	PART NO.	DESCRIPTION	SWITCH TYPE	COIL POS.	VOLT
<b>A6</b>						
1131376, 1131127	REMAN	5154	1 grv., 4 7/8" O.D. (std thrd) mineral	B - HIGH PRESSURE	2:00 RH	12V
1131223	REMAN	5150	1 grv., 4 7/8" O.D. (std thrd) mineral	A - SUPERHEAT	2:00 RH	12V
1131243	NEW	5250A	1 grv., 4 7/8" O.D. (metric thrd) pag	A - SUPERHEAT	2:00 RH	12V
1138008	NEW	5253	1 grv., 5 " O.D. (metric thrd) pag	C - NO SWITCH	10:00 LH	12V
1131274	NEW	5254	1 grv., 5 " O.D. (std thrd) mineral	B - HIGH PRESSURE	10:00 LH	24V
51-16571A	NEW	5246	1 grv., 5 " O.D. (metric thrd) mineral	B - HIGH PRESSURE	2:00 RH	12V
1131250	REMAN	5151	1 grv., 5 1/2" O.D. (std thrd) mineral	A - SUPERHEAT	10:00 LH	12V
1131250	NEW	5255A	1 grv., 5 1/2" O.D. (metric thrd) pag	A - SUPERHEAT	10:00 LH	12V
12302692	REMAN	5152	1 grv., 6 7/8" O.D. (std thrd) mineral w/dust seal & dust cover	B - HIGH PRESSURE	10:00 LH	24V
12302692	NEW	5252A	1 grv., 6 7/8" O.D. (std thrd) pag w/dust seal & dust cover	C - NO SWITCH	2:00 RH	24V
1131499	NEW	5251	6 grv., 5 1/2" O.D. (metric thrd) pag	C - NO SWITCH	10:00 LH	12V
1138002	NEW	5249	6 grv., 6" O.D. (metric thrd) pag, CCW	C - NO SWITCH	2:00 RH	12V
1138030	NEW	5257	8 grv., 5 " O.D. (metric thrd) pag	B - HIGH PRESSURE	2:00 RH	12V
PC0454, PC0454-1	NEW	5259	2 grv., 5.12" O.D.	A - SUPERHEAT		24V

## S6 Compressors (GM A6 Replacement) (Denso 10PA20 Body)

- 54% Lighter than the A6 Original
- 10 Pistons - Teflon Coated - for Greater Performance
- Includes Dust Cover
- S6 can be operated CW or CCW

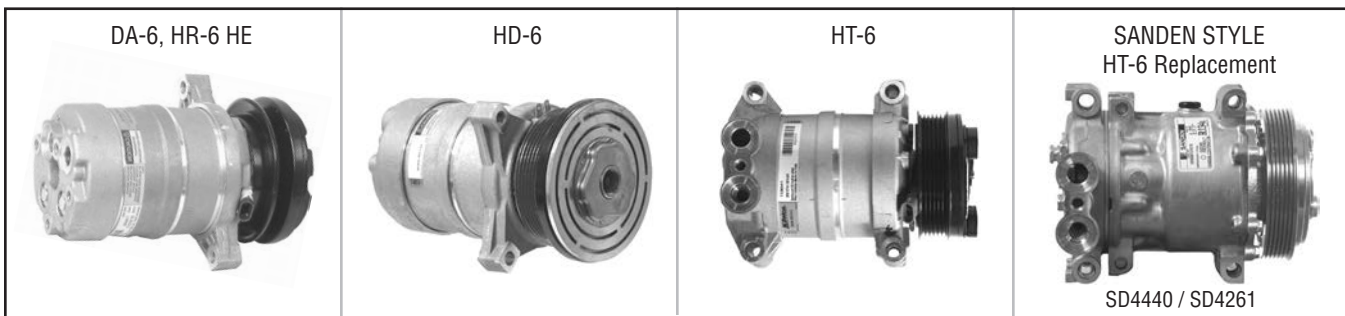
Supplied with 220cc PAG 46 Oil  
(see pages 264-266 for illustrations)



GM NUMBER	TYPE	PART NO.	CLUTCH DIA.	SWITCH TYPE	VOLT
<b>S6 - GM A6 Replacement</b>					
1131243, 2724154	NEW	5250Q	1 grv., 5" O.D.	A - SUPERHEAT	12V
1131127	NEW	5246Q	1 grv., 5" O.D.	B - HIGH PRESSURE	12V
PB9288	NEW	5254Q	1 grv., 5" O.D.	B - HIGH PRESSURE	24V
1131245, 1138012	NEW	5255Q	1 grv., 5.5" O.D.	A - SUPERHEAT	12V
1131159, 1138000	NEW	5252Q	1 grv., 6 7/8" O.D.	A - SUPERHEAT	24V
1131207, 1138009	NEW	5251Q	6 grv., 5.5" O.D.	C - NO SWITCH	12V
1138030, 1138042	NEW	5257Q	8 grv., 4.81" O.D.	B - HIGH PRESSURE	12V

# COMPRESSORS — GM HARRISON / FRIGIDAIRE / DELPHI

GM NUMBER	TYPE	PART NO.	CLUTCH DIA.	GROOVE	DELCO Clutch #	HEAD TYPE / NOTE	COIL POS.	VOLT
<b>DA-6, HR-6HE</b>								
1131755, 1131842, 1131911, 1131915	NEW	<b>5895</b>	4.93" O.D.	1	15-20232	w/PLUG	2:00	12V
1131484, 1131800, 1131676, 1136006	NEW	<b>5883</b>	4.93" O.D.	1	15-20235	No Switch	2:00	12V
<b>HD-6</b>								
1136563, 15-20179	NEW	<b>5893</b>	5.1" O.D.	6	15-20179	w/PLUG	12:00	12V
<b>HT-6</b>								
1136521, 1136541	NEW	<b>5892</b>	4.33" O.D.	6	15-20145	HIGH PRESSURE	2:00	12V
1136519, 1136527	NEW	<b>5887</b>	4.96" O.D.	6	15-20151	HIGH PRESSURE	2:00	12V
1136518	NEW	<b>5885</b>	4.72" O.D.	6	15-20144	HIGH PRESSURE	2:00	12V



## Manufactured by Sanden - replaces DELPHI HT-6

### SD4261

6 Groove, 4.4" / 112mm Diameter, Direct Mount. 135cc oil (will replace 5892).

### SD4440

6 Groove, 5.1" / 130mm Diameter, Direct Mount, 135cc oil (will replace 5887).

NOTE: HR-6HE, HD-6, HT-6, and HU-6

- Supplied without oil.
- Supplied with sealing washers.

## HU-6 Compressor with Clutch (see pages 264-266 for illustrations.) Thermal 6 cyl., Axial Type, 10 cu. in.



GM NUMBER	TYPE	PART NO.	CLUTCH DIA.	GROOVE	APPLICATION	COIL POS.	VOLT
<b>HU-6</b>							
19169353, 1136643	NEW	<b>5917</b>	4.0" O.D./101.6mm	6	Light Duty Trucks	11:00	12V
19169352, 1136642	NEW	<b>5918</b>	4.2" O.D./106.6mm	4	Light Duty Trucks	12:00	12V
1136607, 1136642	NEW	<b>5918A</b>	4.2" O.D./106.6mm	6	C/K G SERIES, 2WMP		12V
89018950	NEW	<b>5921</b>	4.0" O.D./101.6mm	6	Medium Duty Trucks	11:00	12V

# GM HARRISON / FRIGIDAIRE / DELPHI — COMPRESSORS

## Identification (see pages 264-266 for all illustrations.)

To select the correct R4 compressor it is necessary to identify which head type is being used for system protection.

**High Pressure Switch Type** compressors have a switch socket with a small off-centered port to allow sensing of pressure from the high pressure side of the compressor.

**Superheat Switch Type** compressors have a switch socket with a centered cavity for insertion of the superheat switch thermal probe into the low side of the compressor.

**NOTE:** Switch type compressors may be used in place of plain head types, however, High Pressure Switch Type and Superheat Switch type compressors are NOT Interchangeable.



R4  
illustration

GM NUMBER	TYPE	PART NO.	CLUTCH DIA.	GROOVE	SWITCH TYPE	COIL POS.	VOLT
<b>R-4 Delphi Harrison Radial 10-Cylinder Displacement</b>							
1131346	NEW	5889	Ltwt 4 1/4" O.D.	6	C - NO SWITCH	12:00	12V
1134343	NEW	5888	Ltwt 4 1/4" O.D.	6	B - HIGH PRESSURE	12:00	12V
1134354	NEW	5115	Std 4 7/8" O.D.	1/2" V-belt	B - HIGH PRESSURE	12:00	12V

**NOTE: R4 COMPRESSORS**

- Supplied without oil. • Supplied with sealing washers.

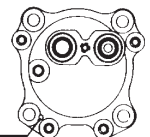
GM NUMBER	TYPE	PART NO.	CLUTCH DIA.	GROOVE	NOTE	VOLT
<b>SP10 Delphi High Efficiency 10-Cylinder Fixed Displacement</b>						
717638	NEW	51002	121mm 4.76"	2 (1/2" belt)	Komatsu 22E-979-1110; 3541139M91	12V

GM NUMBER	TYPE	PART NO.	CLUTCH DIA.	GROOVE	NOTE	COIL POS.	VOLT
<b>V-5 Variable Displacement</b>							
700655	NEW	52000	131mm	1	Pag46 Oil (9oz) Pad Type, Hyundai-Daewoo	10:00	24V
700644	NEW	52002	132mm	1	Ear Mount, MIO, Pag Oil (8oz) 46mm gauge line, Daewoo		24V
2208-6011B	NEW	52003		2	Doosan DX230LC; Daewoo 220/280/330/4001LC-111 Excavators		24V

**Some GM Models have been Equipped with Denso Mfg Compressors.  
See Denso Section.**

**Notes:**

- 1) Coil position determined by position of coil terminals with the compressor oil sump on bottom. Determination made facing the clutch. (RH = Right Hand, LH = Left Hand.)
- 2) When converting O.E. standard thread compressors to metric type replacement compressors, use of metric bolts is required. When converting O.E. metric thread compressors to standard type replacement compressors, use of standard thread bolts is required.
- 3) Do **not** use to replace counterclockwise rotation compressors. See illustration to the right for counterclockwise rotation compressor identification.
- 4) Use coil extension p/n 1541 for 2:00 applications.
- 5) This is a **counterclockwise** rotation compressor. Do **not** use to replace clockwise (standard) compressors.



0.187 Drilled Identifier Hole for Counterclockwise Rotation

# COMPRESSORS — GM HARRISON / FRIGIDAIRE / DELPHI

Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. (Notes: refer to page 263.)

COMPRESSORS

 <p style="text-align: center;">Standard (supplied with sealing washers)</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> </tr> </thead> <tbody> <tr> <td>R4</td> <td>w/o</td> <td>1/2"v-belt 4-7/8"</td> </tr> <tr> <th>Volt</th> <th>Switch Type</th> <th>Coil Position</th> </tr> <tr> <td>12</td> <td>High Pressure</td> <td>12:00</td> </tr> </tbody> </table>	Model	Oil	Clutch	R4	w/o	1/2"v-belt 4-7/8"	Volt	Switch Type	Coil Position	12	High Pressure	12:00	 <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>Mineral</td> <td>1gr 4-7/8"</td> <td>12</td> </tr> <tr> <th>Thread (2)</th> <th>Head Type</th> <th>Coil Position (1)</th> <td></td> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td>2:00 RH</td> <td></td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	Mineral	1gr 4-7/8"	12	Thread (2)	Head Type	Coil Position (1)		Standard	Superheat	2:00 RH		 <table border="1"> <thead> <tr> <th>Model</th> <th>Oil</th> <th>Clutch</th> <th>Volt</th> </tr> </thead> <tbody> <tr> <td>A6</td> <td>Mineral</td> <td>1gr 5-1/2"</td> <td>12</td> </tr> <tr> <th>Thread (2)</th> <th>Head Type</th> <th>Coil Position (1)</th> <td></td> </tr> <tr> <td>Standard</td> <td>Superheat</td> <td>10:00 LH (4)</td> <td></td> </tr> </tbody> </table>	Model	Oil	Clutch	Volt	A6	Mineral	1gr 5-1/2"	12	Thread (2)	Head Type	Coil Position (1)		Standard	Superheat	10:00 LH (4)									
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Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. (Notes: refer to page 263.)

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# COMPRESSORS — GM HARRISON / FRIGIDAIRE / DELPHI

Listed in ascending order by part number. Clockwise (CW) rotation only unless noted. (Notes: refer to page 263.)

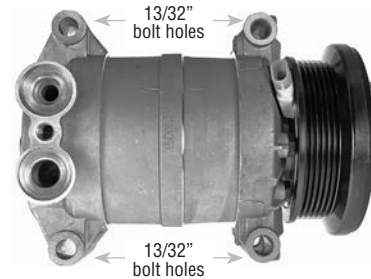
COMPRESSORS



**5887** uses sealing washers  
**Model** **Oil** **Clutch**  
 HT6 w/o 6gr 125.9mm 4.96"  
**Volt** **Switch** **Coil Position**  
 12 #1402 2:00 (7mm pin)



short shaft style  
 (supplied with sealing washers)  
**5888** (pin)  
**5889** (spade)  
**Model** **Oil** **Clutch**  
 R4 w/o 6gr 109.9mm 4.33"  
**Volt** **Switch Type** **Coil Position**  
 12 Plug 12:00



13/32" bolt holes  
 13/32" bolt holes  
**5892** uses sealing washers  
**Model** **Oil** **Clutch**  
 HT6 w/o 6gr 109.9mm 4.33"  
**Volt** **Switch** **Coil Position**  
 12 #1402 2:00



3 ears  
**5893** uses sealing washers  
**Model** **Oil** **Clutch**  
 HD6 w/o 6gr 109.9mm 4.33"  
**Volt** **Switch Type** **Coil Position**  
 12 Plug 12:00 spade



3 ears  
**5895** uses sealing washers  
**Model** **Oil** **Clutch**  
 HR6HE w/o 1gr 125mm 4.93"  
**Volt** **Switch Type** **Coil Position**  
 12 Plug 2:00



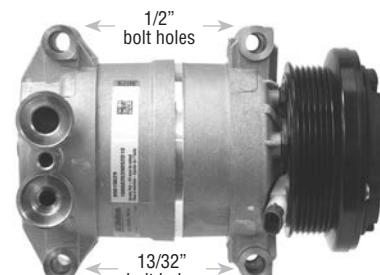
(LD Trucks)  
**5917** uses sealing washers  
**Model** **Oil** **Clutch**  
 HU6 w/o 6gr 101.6mm 4"  
**Volt** **Switch Type** **Coil Position**  
 12 Plug 11:00



(LD Trucks)  
**5918** uses sealing washers  
**Model** **Oil** **Clutch**  
 HU6 w/o 4gr 106.6mm 4.2"  
**Volt** **Switch Type** **Coil Position**  
 12 Plug 12:00



(C/K, G Series Trucks)  
**5918A** uses sealing washers  
**Model** **Oil** **Clutch**  
 HU6 w/o 6gr 106.6mm 4.2"  
**Volt** **Switch Type**  
 12 2WMP



1/2" bolt holes  
 13/32" bolt holes  
**5921** uses sealing washers  
**Model** **Oil** **Clutch**  
 HU6 w/o 6gr 101.6mm 4"  
**Volt** **Switch Type** **Coil Position**  
 12 Plug 11:00



1/2" belt grv's  
**51002**  
**Model** **Head** **Oil** **Clutch**  
 SP10 Delphi 717638 3 Ear 2gr 121mm  
**Volt** **Komatsu**  
 12 22E-979-1110; 3541139M91




(Hyundai-Daewoo)  
**52000**  
**Model** **Head** **Oil** **Clutch**  
 V5 Pad Pag46 (9oz) 1gr 131mm  
**Volt** **OE** **Coil Pos.**  
 24 700655 10:00



46mm gauge line  
 Daewoo  
**52002**  
**Model** **Head** **Oil** **Clutch**  
 V5 Pad Pag (8oz) 1gr 132mm  
**Volt** **Mount** **OE** **Coil Pos.**  
 24 Ear 700644

# GM HARRISON / FRIGIDAIRE / DELPHI — COMPRESSORS




**52003** Doosan Excavators


<b>Model</b>	<b>Clutch</b>	
V5	5 cyl.	2 gr
<b>Volt</b>	<b>O.E.M.#</b>	
24	2208-6011B	

### Universal Swivel Manifold Fittings

**5206**  
#8 x #10 Male Insert O'ring Fittings  
Fits: Sanden, Seltec, A6 Compressors



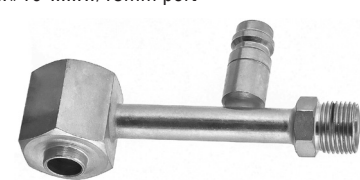
**5208**  
#10 x #12 Male Insert O'ring Fittings  
Fits: Sanden, Seltec Compressors



### GM A6 / S6 Service Valve Fittings (Also see Service Valve Section)

CATERPILLAR A6 / S6 COMPRESSOR  
SERVICE VALVE FITTING (steel)  
with R134a PORT

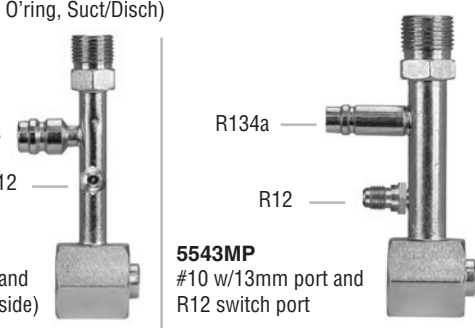
**5542C** .....#8 .....w/16mm port  
**5543C** .....#10 .....w/13mm port



#0121  
O-ring  
Suct/Disch

### CATERPILLAR A6/S6 Compressor Fitting



Steel (uses #0121 O'ring, Suct/Disch)



**5542MP**  
#8 w/16mm port and  
R12 switch port (side)

**5543MP**  
#10 w/13mm port and  
R12 switch port

### GM A6 / S6 Service Valve Fittings (Also see Service Valve Section)





GM A6 / S6  
SERVICE VALVE FITTINGS  
GMC, J.Deere, CAT

**5542S**.....#8           #0121  
**5543S**.....#10       O-ring  
**5544S**.....#12       Suct/Disch


**5545S**  
GM A6 / S6  
HOLD DOWN BRACKET  
(supplied w/standard and metric bolt)

### Universal Type Add-on Manifold w/Deep Insert



**5209**  
ADD-ON MANIFOLD  
Fits GMC Delphi compr w/sealing washer head  
(uses #0140 sealing washers).  
#8 MIO x #10 MIO (requires #4249GK bolt kit)

### GM A6 / R4 Retrofit Block



**5599**  
O'ring x O'ring Pilot  
Converts OE Hose Assy to Repl. Compressor

### GMC Sealing Washer Style Manifold Bolt Kit



**4249GK**  
ADD-ON MANIFOLD BOLT KIT - Fits GMC DELPHI HT6 Style compressor  
with sealing washer head. #8 MIO x #10 MIO Fittings  
Contains: bolts, washers, and compressor sealing washers,  
(for use with #5209).

### DELPHI SP10 Service Valve Fittings (Komatsu)


Fit #51002 compressor  
uses #0128 sealing washer  
(supplied separately)



**4311D** ..... #8 MIO  
Discharge Head Port Adapter


**4311S** ..... #10 MIO  
Suction Head Port Adapter

### GM Compressors Pressure Relief Valves



M10 Metric

**5682M**  
GM Compressors - Brass  
Metric M10-1.25 w/HNBR O-ring.



**5685**                   3/8"-24  
Universal - R12 and R134a

Also see pages 333-335 for Additional Fittings.

# COMPRESSORS

## A6 to SANDEN / SELTEC - CHANGEOVER KITS

NOTE: CHANGEOVER KITS DO NOT INCLUDE BELTS, SERVICE VALVES, REFRIGERANT HOSE.



### 5252SF

A6 to SANDEN (24v)  
will convert to p/n #5252A (A6)  
CATERPILLAR Off-Road  
Kit includes:

- Sanden FLX Compressor with 2 grv, 152mm 6" dia, clutch, 24v
- Mounting Bracket - #AK5352
- Mounting Hardware
- Binary Switches
- Manifold GM Pad 2" extension
- Retorfit Adapters
- O-Rings



### 5254SF

A6 to SELTEC/VALEO (24v)  
will convert to p/n #5254 (A6)  
JOHN DEERE Construction Equipment  
Kit includes:

- Seltec TM16HD Compressor with 2 grv, 135mm 5-14" dia, clutch, 24v
- Mounting Bracket - #AK5355
- Mounting Hardware
- Binary Switches
- Manifold GM Pad 2" extension
- Retorfit Adapters
- O-Rings

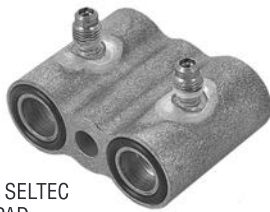


### 5255SF

A6 to SANDEN (12v)  
will convert to p/n #5255A (A6)  
Kit includes:

- Sanden FLX Compressor with 2 grv, 135mm 5-14" dia, clutch, 12v
- Mounting Bracket - #AK5350
- Mounting Hardware
- Binary Switches
- Manifold GM Pad 2" extension
- Retorfit Adapters
- O-Rings

## A6 CHANGEOVER PARTS - Manifolds and Bracket Kits



### 5207

A6 to SANDEN, SELTEC  
CONVERSION PAD  
GM Pad Manifold 2" Extension  
with two (2) 1/4" Charge Ports



### 5207K

A6 to SANDEN, SELTEC  
PORT EXTENSION KIT  
Kit includes:  
• 2-1/4" Extension with Hold Down Plate, Bolts  
• Binary Switch and Pigtail

### 5546S

A6 to SANDEN,  
Hold Down Plate  
use with #5207



### AK5350

A6 to SANDEN, SELTEC BRACKET KIT  
(for Kit #5255SF)  
For all A6 applications w/4 lower mtg holes.  
Attaches to original A6 mounting brackets.  
Kit includes:  
• Brackets • Hardware (nuts and bolts)



### AK5352

A6 to SANDEN BRACKET KIT  
UNIVERSAL MOUNT (for Kit #5252SF)  
A6 for 2 Groove Applications.  
Kit includes:  
• Brackets for all A6 side mount applications  
• Hardware (nuts and bolts)



### AK5355

A6 to SANDEN / SELTEC BRACKET KIT  
(for Kit #5254SF)  
Use with Ear Mount Compressors  
Mounts to John Deere 6404, 6466 Engines  
Kit includes:  
• Brackets • Hardware (nuts and bolts)



### AK5356

A6 to SANDEN, SELTEC BRACKET KIT  
for John Deere Tractor Models: 2950, 2955, 3040,  
3140, 3150, 3155 and 3350.  
Kit includes:  
• Brackets • Hardware (nuts and bolts)