

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Hour Meter	KSPW0022	1
2.	Vertical Speed Indicator (Feet per Minute) *	KSAV0008	1
2.	Vertical Speed Indicator (Meters per Second) *	KSAV0009	1
3.	Altimeter *	KSAV0001	1
3.	Altimeter with Window *	KSAV0002	1
3.	Altimeter with Millibar - Metric *	KSAV0003	1
4.	Air Speed Indicator, 0-150	KSAV0005	1
5.	Ignition Switch	MS35058-22	2
6.	Exhaust Gas Temperature Gauge *	KSPW0008	1
7.	Cylinder Head Temperature Gauge	KSPW0010	1
7.	Dual Cylinder Head Temperature Gauge *	KSPW0012	1
8.	RPM Gauge	KSPW0028	1
9.	14 Gauge Female Spade Terminal, Blue	IP-7128	7
10.	3/16" Shear Nut	AN364-1032A	2
11.	Line Clamp, 3/8"	FS-LCL 3/8	7
12.	Straight Withdrawal Fitting	8330	2
13.	Line Tee	8338	1
14.	14 Gauge Black Wire	14 GA WIRE/BLACK	20 ft
15.	14 Gauge Eye Terminal, Blue 3/16"	IP-7102	6
16.	14 Gauge Eye Terminal, Blue 5/32"	KSES0003	4
17.	EGT End Plug **	KSPW0008-1	0
18.	Female Terminal ***	KSPW0010-1	0
19.	14 Gauge Red Wire	14 GA WIRE/RED	14 ft
20.	Terminal Y Connector, Brass	IP-YC	1
21.	CHT Wire, Red ***	KSPW0010-2	0
22.	14 Gauge Splice, Butt Connector	IP-7132	2
23.	25 AMP Fuse	KSES0020-25	1
24.	14 Gauge White Wire	14 GA WIRE/WHITE	6 ft
25.	Regulator/Rectifier	KSES0005	1
26.	14 Gauge, In Line Fuse Holder	KSES0019	1
27.	CHT Wire, Black ***	KSPW0010-4	0
28.	Pan Head Phillips Bolt (10-32)	KSHW0006	2
29.	EGT Wires **	KSPW0008-2	0
30.	1/4" Fuel/Pitot/Static Line, Blue	FS-FL	25 ft
31.	14 Gauge Male Spade Terminal, Blue	IP-7126	7
32.	EGT Probe **	KSPW0008-3	0
33.	Shrink Wrap	KSAC0009	1 ft
34.	CHT Probe ***	KSPW0010-3	0
35.	14 Gauge Yellow Wire	14 GA WIRE/YELLOW	6 ft
36.	3/16" Large Washer	AN970-3	2
37.	Female Bullet Terminal	02-09-1103	4

*Optional gauge.

**Supplied with EGT.

***Supplied with CHT.

S-6S COYOTE II - 503 INSTRUMENTS & ELECTRICAL - WITH OPTIONAL ELECTRI

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Hour Meter	KSPW0022	1
2.	Vertical Speed Indicator (Feet per Minute) *	KSAV0008	1
2.	Vertical Speed Indicator (Meters per Second) *	KSAV0009	1
3.	Altimeter *	KSAV0001	1
3.	Altimeter with Window *	KSAV0002	1
3.	Altimeter with Millibar - Metric *	KSAV0003	1
4.	Air Speed Indicator, 0-150	KSAV0005	1
5.	Ignition Switch	MS35058-23	2
6.	Exhaust Gas Temperature Gauge *	KSPW0008	1
7.	Dual Cylinder Head Temperature Gauge *	KSPW0012	1
7.	Cylinder Head Temperature Gauge	KSPW0010	1
8.	RPM Gauge	KSPW0028	1
9.	14 Gauge Female Spade Terminal, Blue	IP-7128	5
10.	90 Withdrawal Fitting	8342	1
11.	Line Clamp, 3/8"	FS-LCL 3/8	8
12.	Straight Withdrawal Fitting	8330	2
13.	1/4" Fuel/Pitot/Static Line, Blue	FS-FL	25 ft
14.	14 Gauge Eye Terminal, Blue 3/16"	IP-7102	7
15.	14 Gauge Black Wire	14 GA WIRE/BLACK	20 ft
16.	14 Gauge Eye Terminal, Blue 5/32"	KSES0003	6
17.	EGT End Plug **	KSPW0008-1	0
18.	Female Terminal ***	KSPW0010-1	0
19.	CHT Wire, Black ***	KSPW0010-4	0
20.	CHT Wire, Red ***	KSPW0010-2	0
21.	14 Gauge Red Wire	14 GA WIRE/RED	18 ft
22.	Key Start Switch	25-6	1
23.	14 Gauge Eye Terminal, Blue 1/4"	1/4 EYE 14 GA	2
24.	4 Gauge Eye Cable Terminal	4 GA CABLE LUG	8
25.	4 Gauge Battery Cable, Black Wire	4 GA WIRE/BLACK	20 ft
26.	3/16" Aluminum Pop Rivet - Cherry Q	AAPQ-64	2
27.	14 Gauge, In Line Fuse Holder	KSES0019	1
28.	25 AMP Fuse	KSES0020-25	1
29.	14 Gauge Splice, Butt Connector	IP-7132	2
30.	Battery ****	PS12150-NB	0
31.	Regulator/Rectifier	KSES0005	1
32.	14 Gauge White Wire	14 GA WIRE/WHITE	7 ft
33.	14 Gauge Eye Terminal, Blue 5/16"	5/16 I TERM	1
34.	14 Gauge Yellow Wire	14 GA WIRE/YELLOW	6 ft
35.	14 Gauge Male Spade Terminal, Blue	IP-7126	6
36.	Electric Starter Kit, 503	MESK-1-503	1
37.	CHT Probe ***	KSPW0010-3	0
38.	EGT Wires **	KSPW0008-2	0
39.	EGT Probe **	KSPW0008-3	0
40.	Female Bullet Terminal	02-09-1103	4
41.	Shrink Wrap	KSAC0009	1 ft
42.	3/16" Shear Nut	AN364-1032A	2
43.	Pan Head Phillips Bolt (10-32)	KSHW0006	2

*Optional gauge. **Supplied with EGT.
 ****Referenced from battery box installation.

***Supplied with CHT.

S-6S COYOTE II - 503 INSTRUMENTS & ELECTRICAL -WITH OPTIONAL ELECTRI PAGE 19-35

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

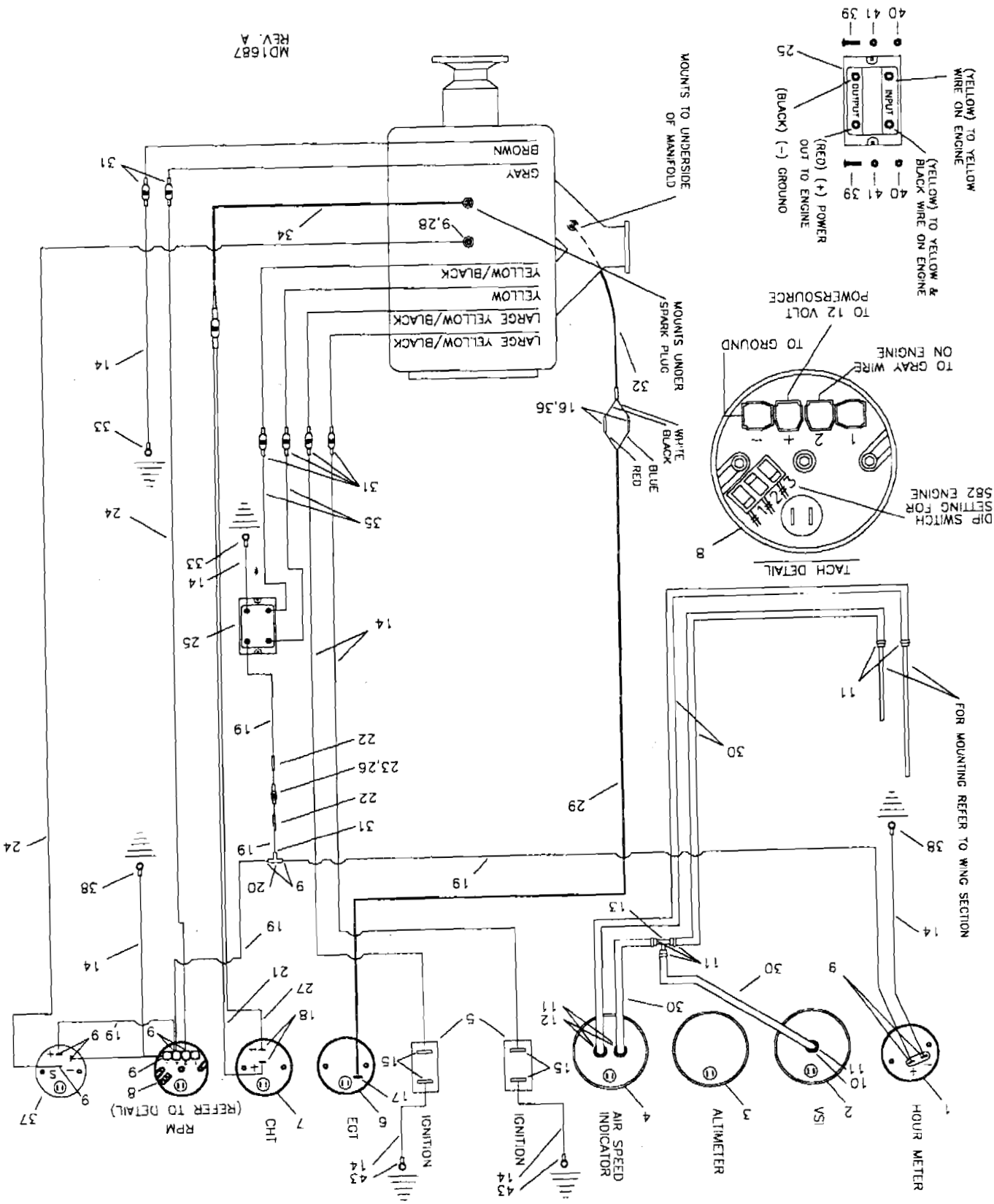
#	DESCRIPTION	PART NUMBER	QUANTITY
44.	3/16" Large Washer	AN970-3	2
45.	Line Tee	8338	1

*Optional gauge. **Supplied with EGT.
****Referenced from battery box installation.

***Supplied with CHT.

582 INSTRUMENTS AND ELECTRICAL RURNS S-6S COYOTE II WITHOUT ELECTRIC START

MD1687
REV. A



S-6S COYOTE II - 582 INSTRUMENTS & ELECTRICAL - WITHOUT ELECTRIC START

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Hour Meter	KSPW0022	1
2.	Vertical Speed Indicator (Feet per Minute) *	KSAV0008	1
2.	Vertical Speed Indicator (Meters per Second) *	KSAV0009	1
3.	Altimeter *	KSAV0001	1
3.	Altimeter with Window *	KSAV0002	1
3.	Altimeter with Millibar - Metric *	KSAV0003	1
4.	Air Speed Indicator, 0-150	KSAV0005	1
5.	Ignition Switch	MS35058-22	2
6.	Exhaust Gas Temperature Gauge	KSPW0008	1
7.	Dual Cylinder Head Temperature Gauge *	KSPW0012	1
7.	Cylinder Head Temperature Gauge *	KSPW0010	1
8.	RPM Gauge	KSPW0028	1
9.	14 Gauge Female Spade Terminal, Blue	IP-7128	11
10.	90 Withdrawal Fitting	8342	1
11.	Line Clamp, 3/8"	FS-LCL 3/8	8
12.	Straight Withdrawal Fitting	8330	2
13.	Line Tee	8338	1
14.	14 Gauge Black Wire	14 GA WIRE/BLACK	20 ft
15.	14 Gauge Eye Terminal, Blue 5/32"	KSES0003	4
16.	Female Bullet Terminal	02-09-1103	4
17.	EGT End Plug **	KSPW0008-1	0
18.	Female Terminal ***	KSPW0010-1	0
19.	14 Gauge Red Wire	14 GA WIRE/RED	18 ft
20.	Terminal Y Connector, Brass	IP-YC	1
21.	CHT Wire, Red ***	KSPW0010-2	0
22.	14 Gauge Splice, Butt Connector	IP-7132	2
23.	25 AMP Fuse	KSES0020-25	1
24.	14 Gauge White Wire	14 GA WIRE/WHITE	12 ft
25.	Regulator/Rectifier	KSES0005	1
26.	14 Gauge, In Line Fuse Holder	KSES0019	1
27.	CHT Wire, Black ***	KSPW0010-4	0
28.	Coolant Temperature Probe *****	KSPW0016-1	0
29.	EGT Wires **	KSPW0008-2	0
30.	1/4" Fuel/Pitot/Static Line, Blue	FS-FL	25 ft
31.	14 Gauge Male Spade Terminal, Blue	IP-7126	7
32.	EGT Probe **	KSPW0008-3	0
33.	14 Gauge Eye Terminal, Blue 1/4"	1/4 EYE 14 GA	2
34.	CHT Probe ***	KSPW0010-3	0
35.	14 Gauge Yellow Wire	14 GA WIRE/YELLOW	6 ft
36.	Shrink Wrap	KSAC0009	1 ft
37.	Coolant Temperature Gauge	KSPW0016	1
38.	14 Gauge Eye Terminal, Blue 3/16"	IP-7102	4
39.	Pan Head Phillips Bolt (10-32)	KSHW0006	2
40.	3/16" Shear Nut	AN364-1032A	2
41.	3/16" Large Washer	AN970-3	2

*Optional gauge. **Supplied with EGT. ***Supplied with CHT.

*****Referenced from cooling system. *****Supplied with coolant temperature gauge.

S-6S COYOTE II - 582 INSTRUMENTS & ELECTRICAL - WITH OPTIONAL ELECTRIC START

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Hour Meter	KSPW0022	1
2.	Vertical Speed Indicator (Feet per Minute) *	KSAV0008	1
2.	Vertical Speed Indicator (Meters per Second) *	KSAV0009	1
3.	Altimeter *	KSAV0001	1
3.	Altimeter with Window *	KSAV0002	1
3.	Altimeter with Millibar - Metric *	KSAV0003	1
4.	Air Speed Indicator, 0-150	KSAV0005	1
5.	Ignition Switch	MS35058-23	2
6.	Exhaust Gas Temperature Gauge	KSPW0008	1
7.	Cylinder Head Temperature Gauge *	KSPW0010	1
7.	Dual Cylinder Head Temperature Gauge *	KSPW0012	1
8.	RPM Gauge	KSPW0028	1
9.	14 Gauge Female Spade Terminal, Blue	IP-7128	9
10.	90 Withdrawal Fitting	8342	1
11.	Line Clamp, 3/8"	FS-LCL 3/8	8
12.	Straight Withdrawal Fitting	8330	2
13.	1/4" Fuel/Pitot/Static Line, Blue	FS-FL	25 ft
14.	14 Gauge Eye Terminal, Blue 3/16"	IP-7102	7
15.	14 Gauge Black Wire	14 GA WIRE/BLACK	20 ft
16.	14 Gauge Eye Terminal, Blue 5/32"	KSES0003	6
17.	EGT End Plug **	KSPW0008-1	0
18.	Female Terminal ***	KSPW0010-1	0
19.	CHT Wire, Black ***	KSPW0010-4	0
20.	CHT Wire, Red ***	KSPW0010-2	0
21.	14 Gauge Red Wire	14 GA WIRE/RED	18 ft
22.	Key Start Switch	25-6	1
23.	14 Gauge Eye Terminal, Blue 1/4"	1/4 EYE 14 GA	2
24.	4 Gauge Eye Cable Terminal	4 GA CABLE LUG	8
25.	4 Gauge Battery Cable, Black Wire	4 GA WIRE/BLACK	20 ft
26.	3/16" Aluminum Pop Rivet - Cherry Q	AAPQ-64	2
27.	14 Gauge, In Line Fuse Holder	KSES0019	1
28.	25 AMP Fuse	KSES0020-25	1
29.	14 Gauge Splice, Butt Connector	IP-7132	2
30.	Battery ****	PS12150-NB	0
31.	Regulator/Rectifier	KSES0005	1
32.	14 Gauge White Wire	14 GA WIRE/WHITE	13 ft
33.	14 Gauge Eye Terminal, Blue 5/16"	5/16 I TERM	1
34.	14 Gauge Yellow Wire	14 GA WIRE/YELLOW	6 ft
35.	14 Gauge Male Spade Terminal, Blue	IP-7126	6
36.	Electric Starter Kit, 582	MESK-3-582	1
37.	CHT Probe ***	KSPW0010-3	0
38.	EGT Wires **	KSPW0008-2	0
39.	EGT Probe **	KSPW0008-3	0
40.	3/16" Shear Nut	AN364-1032A	2
41.	Coolant Temperature Gauge	KSPW0016	1
42.	3/16" Large Washer	AN970-3	2
43.	Coolant Temperature Probe *****	KSPW0016-1	0
44.	Female Bullet Terminal	02-09-1103	4

*Optional gauge **Supplied with EGT.

***Supplied with CHT.

****Referenced from battery box installation.

*****Supplied with coolant temperature gauge.

S-6S COYOTE II - 582 INSTRUMENTS & ELECTRICAL -WITH OPTIONAL ELECTRIC START-cont**NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.**

#	DESCRIPTION	PART NUMBER	QUANTITY
45.	Shrink Wrap	KSAC0009	1 ft
46.	Pan Head Phillips Bolt (10-32)	KSHW0006	2

*Optional gauge. **Supplied with EGT.
****Referenced from battery box installation.
*****Supplied with coolant temperature gauge.

***Supplied with CHT.

10/24/02

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Hour Meter	KSPW0022	1
2.	Vertical Speed Indicator (Feet per Minute) *	KSAV0008	1
2.	Vertical Speed Indicat (Meters per Second) *	KSAV0009	1
3.	Altimeter *	KSAV0001	1
3.	Altimeter with Window *	KSAV0002	1
3.	Altimeter with Millibar - Metric *	KSAV0003	1
4.	Air Speed Indicator	KSAV0019	1
5.	Ignition Switch	MS35058-22	2
6.	Oil Pressure Gauge (Electric)	KSPW0019	1
7.	Oil Temperature Gauge (Electric) **	KSPW0017	1
8.	RPM Gauge	KSPW0028	1
9.	Cylinder Head Temperature Gauge (Electric) **	KSPW0017	1
10.	25 AMP Fuse	KSES0020-25	1
11.	14 Gauge, In Line Fuse Holder	KSES0019	2
12.	14 Gauge Female Spade Terminal, Blue	IP-7128	20
13.	90 Withdrawal Fitting	8342	1
14.	Line Clamp, 3/8"	FS-LCL 3/8	8
15.	Straight Withdrawal Fitting	8330	2
16.	Line Tee	8338	1
17.	1/4" Fuel/Pitot/Static Line, Blue	FS-FL	25 ft
18.	14 Gauge Eye Terminal, Blue 3/16"	IP-7102	8
19.	14 Gauge Black Wire	14 GA WIRE/BLACK	26 ft
20.	14 Gauge Eye Terminal, Blue 5/32"	KSES0003	4
21.	14 Gauge Red Wire	14 GA WIRE/RED	40 ft
22.	Terminal Y Connector, Brass	IP-YC	1
23.	Key Start Switch	25-6	1
24.	14 Gauge Yellow Wire	14 GA WIRE/YELLOW	20 ft
25.	14 Gauge White Wire	14 GA WIRE/WHITE	20 ft
26.	2 Plex 20 Gauge Wire	62181-DELL	10 ft
27.	14 Gauge Splice, Butt Connector	IP-7132	4
28.	3/16" Aluminum Pop Rivet - Cherry Q	AAPQ-64	2
29.	550B Spade Terminal	550B SPADE TERM	4
30.	14 Gauge Green Wire	14 GA WIRE/GREEN	15 ft
31.	Battery ***	PS12150-NB	0
32.	4 Gauge Eye Cable Terminal	4 GA CABLE LUG	8
33.	4 Gauge Battery Cable, Black Wire	4 GA WIRE/BLACK	20 ft
34.	14 Gauge Eye Terminal, Blue 1/4"	1/4 EYE 14 GA	3
35.	Solenoid ****	----	0
36.	30 AMP Fuse	KSES0020-30	1
37.	Regulator/Rectifier ****	----	0
38.	3/16" Bolt	AN3-5A	2
39.	3/16" Thin Washer	AN960-10L	2
40.	Teflon Tape *****	TEFLON TAPE	0

*Optional gauge. **Oil Temperature & CHT use the same type of gauge.

Referenced from 912 battery box installation. *Supplied with Engine.

*****Builder Supplies. *****Supplied with coolant temperature gauge.

S-6S COYOTE II - 912/912S INSTRUMENTS AND ELECTRICAL - CONTINUED

NOTE: Gauges may vary, consult directions provided with gauge for wiring diagram.

#	DESCRIPTION	PART NUMBER	QUANTITY
41.	Oil Pressure Switch	KSES0004	1
42.	Steel Nipple Fitting	KSPW0062	1
43.	3/16" Shear Nut	AN364-1032A	2
44.	3/16" Large Washer	AN970-3	2
45.	6MM Bolt X 16MM Bolt	M6X16 BOLT	1

****Supplied with Engine.

*****Referenced from 912 cooling system.